

Course	SLO Statement
ACCT-010	Analyze business transactions, and to journalize and post transactions to ledger accounts through the knowledge of accounting concepts and principles
ACCT-010	Explain the concept of double-entry accounting system as well as cash basis verse accrual basis accounting
ACCT-010	Prepare basic financial statements demonstrate the knowledge in accounting cycles
ACCT-010	Explain the basic concepts of payroll accounting and current payroll taxes codes
ACCT-030	Organize, analyze, and interpret income tax data through the knowledge of current federal and state income tax law.
ACCT-030	Prepare diverse individual income tax returns through the knowledge of current federal and state tax forms.
ACCT-030	Solve income tax problems using case studies and the application of current federal and state individual income tax codes.
ACCT-030	Identify and analyze the differences between federal and state income taxes codes.
ACCT-047	Explain accounting principles in analyzing diverse business transactions.
ACCT-047	Journalize and post transactions by utilizing accounting software.
ACCT-047	Use QuickBooks software to process accounting transactions and prepare financial statements in a diverse business setting.
ACCT-090	Assemble payroll record keeping requirements for employers under current state and federal laws.
ACCT-090	Calculate wages and withholding amounts in various payroll problems.
ACCT-090	Prepare and complete various federal and state payroll tax forms.
ACCT-090	Describe the various employee benefits in relation to payroll preparation.
ACCT-200	Recognize, define, and analyze the accounting cycle.
ACCT-200	Recognize, define, and analyze financial statements through analysis, preparation, and interpretation of accounting data.
ACCT-200	Recognize the role of ethics in accounting.
ACCT-201	Solve problems, analyze, explain, and apply managerial accounting principles to manufacturing and service enterprises.
ACCT-201	Recognize and apply ethical standards in diverse managerial decisions.
ACCT-201	Identify, use, and appropriately apply managerial accounting terminology.
ACR-020	Implement personal and environmental shop safety practices
ACR-020	Straighten a damaged sheet metal fender to its original shape
ACR-022	Interpret and follow rules and regulations identified by the South Coast Air Quality Management District (SCAQMD)
ACR-022	Identify structural parts, sections, and different vehicle types
ACR-022	Summarize the deformation effects of impacts on steel and aluminum
ACR-024	Create a repair plan while inspecting a damaged uni-body vehicle

ACR-024	Set-up multi-vector pulls on the frame rack by utilizing a repair plan
ACR-024	Identify and discuss the three-dimensional measuring systems
ACR-024	Identify, define and discuss the significance of the zero-point, centerline and datum plane
ACR-026	Demonstrate blending fundamentals on a pre-prepped fender
ACR-026	Refinish a panel using a spray gun while using the proper personal protective equipment
ACR-026	Perform the different application techniques needed for undercoatings and determine their advantages and disadvantages
ACR-030	Recognize electrical, brakes, air conditioning and suspension systems found on modern automobiles
ACR-030	Perform recovery, recycle and recharge of A/C refrigerants in accordance with state and federal laws
ACR-030	Analyze electrical systems operation and determine needed repair
ACR-030	Inspect and diagnose brake suspension components and repair automotive brake and suspension systems components
ACR-040	Identify auto shop safety practices.
ACR-040	Layout and design a sun visor pattern, sew cover, and install.
ACR-041	Identify auto shop safety practices.
ACR-041	Layout and design a bucket seat pattern, sew cover, and install.
ACR-050	Identify auto shop and job safety procedures.
ACR-050	Use a hand held sand blaster to sandblast a rusted panel while using the proper personal protective equipment.
ACR-050	Perform chemical/adhesive bonding techniques to existing sheet metal and form to original shape.
ACR-050	Set up a spray gun and apply single-stage paint using 50% overlap method to original finish.
ACR-060	Identify auto shop and job safety procedures.
ACR-060	Use a spray gun to refinish a panel with custom paint.
ACR-620	Implement personal and environmental shop safety practices
ACR-620	Straighten a damaged sheet metal fender to its original shape
ACR-640	Identify auto shop safety practices.
ACR-640	Layout and design a sun visor pattern, sew cover, and install.
ACR-641	Identify auto shop safety practices.
ACR-641	Layout and design a bucket seat pattern, sew cover, and install.
ACR-650	Identify auto shop and job safety procedures.
ACR-650	Use a hand held sand blaster to sandblast a rusted panel while using the proper personal protective equipment.
ACR-650	Perform chemical/adhesive bonding techniques to existing sheet metal and form to original shape.
ACR-650	Set up a spray gun and apply single-stage paint using 50% overlap method to original finish.
ACR-660	Identify auto shop and job safety procedures.
ACR-660	Use a spray gun to refinish a panel with custom paint.

ADJUS-101	Demonstrate an understanding of the history, development, structure, and function of American police, the courts, and corrections;
ADJUS-101	Demonstrate an understanding of criminological theories used to explain crime and criminality;
ADJUS-101	Identify and differentiate between the federal and state criminal justice systems.
ADJUS-102	Identify and describe the stages in the criminal trial process;
ADJUS-102	Identify and critically analyze the evolution of due process as found in the 6th, 8th, and 14th Amendments: including the right to counsel, bail, and a jury trial;
ADJUS-102	Describe the history and application of the exclusionary rule in shaping criminal procedure.
ADJUS-103	Analyze and consistently identify the essential elements of crimes against persons, property, morals, and public welfare;
ADJUS-103	Demonstrate analysis of basic terminology, definitions, and theories of criminal law;
ADJUS-103	Compare and contrast criminal defenses, legal justifications, and burdens of proof.
ADJUS-104	Identify and differentiate various types of evidence;
ADJUS-104	Analyze and describe key rules of evidence;
ADJUS-104	Critically evaluate and apply the rules of evidence to specific case facts.
ADJUS-105	Explain the history and evolution of multiculturalism in the U.S. and the challenges presented by a multicultural society;
ADJUS-105	Identify and explain key issues that pose potential conflict between diverse communities and the police, the courts, and corrections;
ADJUS-105	Identify and describe the strategies for the administration of justice in a multicultural society.
ADJUS-106	Identify critical ethical issues relating to criminal investigation and describe the criminal investigative process;
ADJUS-106	Identify procedures for first responders to crime scenes and describe duties related to the basic functions of crime scene management and investigation;
ADJUS-106	Discuss the role of forensic examination, the role of the investigator in the judicial process, and the chain of custody.
ADJUS-107	Critically evaluate and apply the four self-defense rules;
ADJUS-107	Compare and contrast the distinctions between a confession and an admission as it relates to a custodial interrogation;
ADJUS-107	Identify and explain when a patrol officer is required to advise an individual of his/her constitutionally protected rights.
ADJUS-108	Critically analyze and describe the juvenile justice system and its context in the criminal justice system, as well as the Constitutional protections extended to juveniles through judicial decisions and the Juvenile Court dispositions;
ADJUS-108	Apply California law pertaining to juvenile delinquency and dependency case studies;

ADJUS-108	Critically distinguish between delinquency, status offenses, dependency, and the distinction between the adult and juvenile justice systems;
ADJUS-151	Identify the evolving philosophy of punishment within the corrections sub-system of the Criminal Justice system.
ADJUS-151	Identify, analyze, explain and evaluate various correctional philosophies, both historical and current; specifically emphasizing the concepts of diversity, equality, inclusion and accessibility.
ADJUS-151	Analyze and explain statutes, case law, and legal issues within the correctional system.
ADJUS-152	Analyze the roles of local, state, and federal institutions and individuals in the correctional setting.
ADJUS-152	Evaluate interviewing techniques and theories used in the correctional setting.
ADJUS-152	Evaluate coping techniques for correctional personnel working with hostile clients.
ADJUS-153	Define prison and street gang terms and vocabulary.
ADJUS-153	Explain why individuals would associate with or join a gang.
ADJUS-153	Analyze the historical development and current activities of prison and street gangs and assess how they impact institutional security.
ADJUS-154	Evaluate modern operational procedures and policies within local, state and federal correctional and detention facilities.
ADJUS-154	Analyze inmate processing procedures, including intake, classification and release considering issues/challenges with Diversity, Equity, Inclusion and Accessibility.
ADJUS-154	Explain current correctional education, training, and procedure and best practices for correctional officers, staff, and administration.
ADJUS-154	Evaluate best practices modules of professional communications, including interviewing strategies, de-escalation and crisis mitigation communications, and defensive communication and negotiation.
ADJUS-155	Analyze the historical framework, concepts and precedents that guide correctional practice.
ADJUS-155	Distinguish between the responsibilities and liabilities of the laws governing a correctional officer.
ADJUS-155	Compare and contrast state law and constitutional law, via the 14th Amendment, as it applies to the states.
ADJUS-155	Identify the issues and challenges Diversity, Equity, Inclusion and Accessibility present in a correctional facility from the inmate, staff, and facility perspectives.
ADJUS-156	Differentiate between the legal framework of probation and parole.
ADJUS-156	Explain the constitutional rights of a person on probation, mandatory supervision, post-release community supervision or parole.
ADJUS-156	Compare and contrast the theories of rehabilitation and recidivism rates.
AERO-015	Demonstrate a knowledge of composite terminology
AERO-015	Describe the necessary precautions and procedures in order develop a good bond in composite repair of manufacture.

AERO-015	List the different types of non-destructive inspection methods used on composite structures, and describe the advantages and disadvantages of each.
AERO-015	Outline the types of field repairs used on composite structures and the precautions to be adhered to during the repair process.
AERO-015	Describe the personal safety precaution necessary when doing advanced composite manufacture or repair.
AERO-021	Explain how movement of the primary flight controls on an airplane affect flight.
AERO-021	Outline the different airport markings and lighting and discuss the purpose of each.
AERO-021	Relate the difference in requirements for controlled airspace and uncontrolled airspace.
AERO-021	Describe how the various medical and human factors affect a pilot's performance and judgment.
AERO-022	Research and compute aircraft weight and balance changes.
AERO-022	Decipher aviation weather forecast and determine if flight is safe.
AERO-022	Prepare a cross-country flight plan.
AERO-022	Relate emergency procedures for different flight situations.
AERO-022L	Articulate the principles of aircraft design, performance and operating characteristics and describe the technical and procedural aspects of flight operations and aircraft systems.
AERO-022L	Critically examine and interpret the structural barriers and systemic inequalities that exist in the aviation industry, including issues of representation, access to training, resources, and career advancement opportunities.
AERO-022L	Demonstrate aeronautical knowledge, flight proficiencies and risk management components required to obtain an FAA pilot certificate with single engine, commercial, multi-engine, and instrument ratings.
AERO-024	Relate the principles of jet engine propulsion.
AERO-024	Explain the purposes of engine lubricants.
AERO-024	Identify aircraft fuel grades by color and other characteristics.
AERO-025	List the basic resources and references used to ensure flight safety.
AERO-025	Explain how the different organizations contribute to flight safety.
AERO-025	Discuss the importance of understanding how human factors affect flight safety.
AERO-026	Calculate weight and balance; relate the importance to aircraft flight safety.
AERO-026	Identify the primary components on an aircraft structure.
AERO-026	Apply the scientific principles of aerodynamics as it relates to aircraft flight.
AERO-027	Describe the contents of an Airport Certification Manual and why it is important to keep the material current.
AERO-027	Discuss the importance of airport markings, signage and lighting in relation to airport safety.
AERO-027	Enumerate the important facets of an airport emergency plan.
AERO-027	Explain the criteria to consider when developing a wildlife hazard plan.
AERO-034	Outline the structure and function of the National Airspace System.
AERO-034	Discuss the major developments in civil aviation since its inception.

AERO-034	Compare the regulatory requirements of general aviation, air carriers and the air cargo industry.
AERO-040	Prepare an instrument flight plan for a cross-country flight in instrument meteorological conditions.
AERO-040	Outline the differences between class A, B, C, and E airspace.
AERO-040	Describe the function of the various navigation aids used during instrument flight.
AERO-040	Apply the different types of charts used in preparing for an instrument flight.
AERO-041L	Analyze the flight proficiencies and risk management components required to obtain an FAA instrument rating for a pilot certificate for single engine, commercial, multi-engine purposes.
AERO-041L	Recognize and reflect on the importance of diversity, equity, inclusion, and accessibility in aviation and apply this knowledge to their professional practice as Instrument Pilots.
AERO-041L	Articulate procedures necessary to conduct cross-country flights in an airplane while operating under IFR, including the loss of communications procedures.
AERO-046	List the services provided by the aviation weather service program.
AERO-046	Decipher codes and abbreviations in aviation weather reports to determine if flight is safe.
AERO-046	Distinguish between the different types of cloud formations and how they affect aircraft flight.
AERO-050	Demonstrate the ability to research Airworthiness Directives and Federal Regulations and determine applicability to specific aircraft.
AERO-050	Given a major repair or alteration, demonstrate the ability to complete an FAA Form 337 to FAA standards.
AERO-050	Demonstrate the ability to use Ohm's Law to calculate electrical voltage, resistance, amperage and power.
AERO-050L	Demonstrate the ability to calculate volume of objects
AERO-050L	Demonstrate the ability to calculate the force pressure and area for both directions of movement
AERO-050L	Demonstrate the ability to research Type Certificate Data Sheets and determine aircraft conformity to specifications
AERO-050L	Demonstrate the ability to use Ohm's Law to calculate electrical voltage, resistance, amperage and power
AERO-051	Demonstrate the ability to calculate aircraft weight and balance
AERO-051	Demonstrate the ability to research textbooks and manuals
AERO-051	Demonstrate the ability to identify aircraft hardware by part number and identifying markings
AERO-051	Demonstrate the ability to determine the correct non-destructive testing method for the type of material and type of defect
AERO-051L	Demonstrate the ability to calculate aircraft weight and balance
AERO-051L	Demonstrate the ability to research textbooks and manuals
AERO-051L	Demonstrate the ability to identify aircraft hardware by part number and identifying markings
AERO-051L	Demonstrate the ability to determine the correct non-destructive testing method for the type of material and type of defect and perform the appropriate test
AERO-052	Demonstrate the ability to writer concise, descriptive evaluations of aircraft damage or equipment malfunctions and write a concise, descriptive corrective action

AERO-052	Research different types of systems and determine the advantages and disadvantages of each
AERO-052L	Demonstrate the ability to write concise, descriptive evaluations of aircraft damage or equipment malfunctions and write a concise, descriptive corrective action
AERO-052L	Research different types of systems and determine the advantages and disadvantages of each
AERO-053	Demonstrate the ability to write concise, descriptive evaluations of aircraft damage or equipment malfunctions and write a concise, descriptive corrective action
AERO-053	Research different types of systems and determine the advantages and disadvantages of each
AERO-053L	Demonstrate the ability to write concise, descriptive evaluations of aircraft damage or equipment malfunctions and write a concise, descriptive corrective action
AERO-053L	Research different types of systems and determine the advantages and disadvantages of each
AERO-054	Demonstrate the ability to write concise descriptions of reciprocating engine Otto cycle theory, operation of various engine internal systems, and inspection, maintenance, and overhaul procedures
AERO-054	Demonstrate the ability to write concise descriptions of reciprocating engine subsystem theory of operation and be able to evaluate, troubleshoot, and repair reciprocating engine subsystems
AERO-054L	Demonstrate the ability to disassemble, inspect, and repair an aircraft reciprocating engine
AERO-054L	Demonstrate the ability to determine the correct type of NDT process for different engine structures and materials and the proper procedure to execute the inspection
AERO-055	Demonstrate the ability to write and verbally explain theory of operation for reciprocating engine accessories
AERO-055	Demonstrate the ability to research Airworthiness Directives and Type Certificate Data Sheets
AERO-055L	Demonstrate the ability to write and verbally explain theory of operation for reciprocating engine float carburetors and demonstrate proper overhaul and installation
AERO-055L	Demonstrate the ability to verbally explain magneto theory and the procedures used to overhaul a magneto in the field
AERO-070	Differentiate the primary duties and responsibilities associated with the air traffic control specializations (Tower/TRACON/En Route).
AERO-070	Examine key dates and critical events in aviation history and analyze the extent of influence those had on the evolution of the National Airspace System (NAS) and the Air Traffic Control system.
AERO-070	Interpret the mission, purpose and duty of air traffic controllers and Next Generation (NextGen) Air Traffic System initiative and how they will affect the future of ATC.
AERO-070	Analyze one case study related to equity and anti-racism in air traffic control, identifying key issues and propose solutions to promote fairness and social justice.
AERO-071	Compare and contrast the characteristics of the various categories of aircraft to include single engine, multi-engine, corporate, helicopter, military, regional airliner, and major airliner.

AERO-071	Categorize distinctions among aircraft manufacturers and various types of aircraft in use to distinguish effects of wake turbulence, sequencing and separation.
AERO-071	Conduct an accessibility audit of civil aviation facilities and services, identify barriers to accessibility and propose recommendations to improve and ensure equitable access for all individuals. Students will analyze case studies related to equity and anti-racism in air traffic control, identifying key issues and proposing solutions to promote fairness and social justice.
AERO-098	Demonstrate proficiency of skills specified in the measurable objectives
AERO-098	Understand the expectation and value of teamwork
AERO-098	Establish and maintain a positive relationship with employer
AERO-600	Demonstrate the ability to use Ohm's Law to calculate electrical voltage, resistance, amperage and power with given variables
AERO-600	Demonstrate the ability to write concise descriptions of reciprocating engine Otto cycle theory
AERO-600	Demonstrate the ability to write a concise, descriptive evaluation of aircraft damage using the appropriate aircraft maintenance manuals and write a concise, descriptive corrective action
AERO-611	Apply and evaluate the skills needed to successfully complete the FAA certification exam.
AERO-612	Apply and evaluate the skills needed to successfully complete the FAA certification exam for Airframe Maintenance.
AERO-613	Apply and evaluate the skills needed to successfully complete the FAA certification exam in Powerplant Maintenance.
AERO-621	Explain how movement of the primary flight controls on an airplane affect flight
AERO-621	Outline the different airport markings and lighting and discuss the purpose of each
AERO-621	Relate the difference in requirements for controlled airspace and uncontrolled airspace
AERO-621	Describe how the various medical and human factors affect a pilot's performance and judgment
AERO-622	Research and compute aircraft weight and balance changes
AERO-622	Decipher aviation weather forecast and determine if flight is safe
AERO-622	Prepare a cross-country flight plan
AERO-622	Relate emergency procedures for different flight situations
AERO-624	Relate the principles of jet engine propulsion
AERO-624	Explain the purposes of engine lubricants
AERO-624	Identify aircraft fuel grades by color, odor, container, and Safety Data Sheets (SDS)
AERO-625	List the basic resources and references used to ensure flight safety
AERO-625	Explain how the different organizations contribute to flight safety
AERO-625	Discuss the importance of understanding how human factors affect flight safety
AERO-626	Calculate weight and balance of the aircraft as it relates to the importance of aircraft flight safety
AERO-626	Identify the primary components on an aircraft structure

AERO-626	Apply the scientific principles of aerodynamics as it relates to aircraft flight
AERO-640	Prepare an instrument flight plan for a cross-country flight in instrument meteorological conditions
AERO-640	Outline the differences between class A, B, C, and E airspace
AERO-640	Describe the function of the various navigation aids used during instrument flight
AERO-640	Apply the different types of charts used in preparing for an instrument flight
AERO-646	List the services provided by the aviation weather service program
AERO-646	Decipher codes and abbreviations in aviation weather reports to determine if flight is safe
AERO-646	Distinguish between the different types of cloud formations and how they affect aircraft flight
AERO-650L	Demonstrate the ability to use Ohm's Law to calculate electrical voltage, resistance, amperage and power with given variables
AERO-651L	Demonstrate the ability to calculate aircraft weight and balance per FAR AC43
AERO-652L	Demonstrate the ability to write concise, descriptive evaluations of aircraft damage or equipment malfunctions and write a concise, descriptive corrective action
AERO-653L	Research different types of systems and determine the advantages and disadvantages of each
AERO-654L	Demonstrate the ability to write concise descriptions of reciprocating engine Otto cycle theory, operation of various engine internal systems, and inspection, maintenance, and overhaul procedures
AERO-655L	Demonstrate the ability to research Airworthiness Directives and Type Certificate Data Sheets
AERO-900	Explain the operation and theory of a reciprocating 4 stroke engine
AERO-900	Describe the operation of a reciprocating engine valve train
AERO-900	Research textbooks, maintenance and parts manuals and other written materials such as advisory circulars and be able to explain in writing and verbally the operation, servicing, troubleshooting and repair of aircraft and engine systems and components.
AERO-900	Research Airworthiness Directives, Federal Aviation Regulation, Type Certificate Data Sheets and Advisory Circulars and determine applicability to specific aircraft, engines, propellers or accessories.
AERO-900	Write concise, yet adequately descriptive, evaluations of aircraft, engine damage or equipment malfunctions and write concise, descriptive corrective actions for repair, replacement or servicing of aircraft, or engine components.
ANTHRO-100	Demonstrate knowledge of the conceptual framework and goals that guide the discipline of archaeology
ANTHRO-100	Demonstrate knowledge of basic archeological concepts and techniques.
ANTHRO-102	Demonstrate knowledge of the conceptual framework that guides the discipline of cultural anthropology.
ANTHRO-102	Demonstrate an understanding of the variability of culture as represented through specific cases of culture change and human practice.
ANTHRO-102H	Demonstrate knowledge of the conceptual framework that guides the discipline of cultural anthropology.
ANTHRO-102H	Demonstrate an understanding of the variability of culture as represented through specific cases of culture change and human practice.

ANTHRO-102H	Demonstrate knowledge of anthropological approaches to the study of culture and will apply theoretical insights to the study of a contemporary human problem or experience.
ANTHRO-103	Demonstrate knowledge of diverse food systems by taking a relativist perspective to their comparison.
ANTHRO-103	Demonstrate an understanding of a biocultural perspective in the interpretation and evaluation of a food practice.
ANTHRO-106	Demonstrate an understanding of key evolutionary mechanisms and genetic principles.
ANTHRO-106	Demonstrate knowledge of primate, including hominin (or hominid), evolution and classification.
ANTHRO-106H	Demonstrate an understanding of key evolutionary mechanisms and genetic principles.
ANTHRO-106H	Demonstrate knowledge of primate, including hominin (or hominid), evolution and classification.
ANTHRO-106H	Honors: Demonstrate knowledge of the STS (science and technology studies) perspective in relation to the scientific method.
ANTHRO-106L	Demonstrate an understanding of key evolutionary and genetic principles.
ANTHRO-106L	Demonstrate knowledge of primate evolution including appropriate classification and adaptation.
ANTHRO-108	Identify key concepts in the field of Native American Studies
ANTHRO-108	Evaluate the relationship between anthropological practices and Native American communities
ANTHRO-108	Critically analyze racialization, Eurocentrism, white supremacy, and the intersectionality of race, ethnicity, class, gender, and sexuality in relation to Native American experiences in the United States
ANTHRO-108	Apply theory to describing key issues faced by Native American communities and to describing Native American perspectives, agency, successes, and barriers in responding to those
ANTHRO-108	Describe how decolonization and anti-racism are relevant to structural issues, such as those involved in Western scientific practices or multiculturalism
ANTHRO-109	Compare and contrast practices of visual culture and art from diverse cultures
ANTHRO-109	Identify ethnocentrism in the evaluation of art and critically address notions of “primitive art”
ANTHRO-111	Identify and critically evaluate the use of etic and emic perspectives.
ANTHRO-111	Analyze relations between cultural appropriation and globalization.
ANTHRO-111H	Identify and critically evaluate the use of etic and emic perspectives.
ANTHRO-111H	Analyze relations between cultural appropriation and globalization.
ANTHRO-111H	Honors: Apply a relativist framework in conducting and presenting research into a specific, contemporary case of shamanism or witchcraft.
ANTHRO-125	Demonstrate an understanding of the conceptual framework that guides the anthropological study of linguistics.
ANTHRO-125	Demonstrate an understanding of sociolinguistics and the relationship between language and cultural identity.
ANTHRO-222	Students will demonstrate the ability to do self-directed library research on self-selected topics
ANTHRO-222	Students will demonstrate the ability to develop a contract and fulfill this contract to work three hours per week out of class on a self-selected topic
ANTHRO-223	Students will demonstrate the ability to do self-directed research and analysis on self-selected topics

ANTHRO-223	Students will demonstrate the ability to develop a contract and fulfill this contract to work three hours per week out of class on a self-selected topic
ARAB-101	Students will be able to use beginning reading, writing, and listening comprehension skills in the present and past tenses on a comprehensive final exam where 70% meets the minimum learning outcome
ARAB-101	Students can provide a short oral and written description indicating his/her origin, nationality, age and family members, and other level-appropriate topics, where 70% meets the minimum learning outcome
ARAB-101	Students will demonstrate knowledge of, and sensitivity to, linguistic and cultural diversity of Arabic-speaking countries through presentations where 70% meets the minimum learning outcome
ARAB-102	Students will be able to use beginning/intermediate reading, writing, and listening comprehension skills in the past tenses on a comprehensive final exam where 70% meets minimum learning outcomes
ARAB-102	Students will demonstrate orally and in writing their understanding of the past tenses, infinitive verbs in Arabic, and other level-appropriate topics, where 70% meets the minimum learning outcome
ARAB-102	Students will demonstrate knowledge of, and sensitivity to, linguistic and cultural diversity of Arabic-speaking countries through presentations where 70% meets the minimum learning outcome
ARCH-102	Develop visual hierarchy in an architectural drawing set by manipulating and varying line weight, color, and layout.
ARCH-102	Develop a computer-generated basic architectural drawing set that incorporates both presentation and technical formats.
ARCH-102	Construct orthographic projections of a three-dimensional design using standard architectural drafting and presentation software.
ARCH-102	Develop a portfolio reflecting entry-level digital drafting, graphic, and presentation skills to communicate architectural design intent.
ARCH-103	Identify and evaluate the characteristics and types of visual graphics and drawings that are appropriate for communicating design intent.
ARCH-103	Use appropriate tools, ranging from two-dimensional orthographic projections to three-dimensional digital and physical models, to present a building of architectural significance.
ARCH-103	Develop a portfolio to present a series of case study projects, each of which includes a wide range of two- and three-dimensional representation drawings and images.
ARCH-104	Represent and communicate a significant aspect of the current built environment, such as a building, neighborhood, or city, in relationship to a larger context that includes social and environmental considerations.
ARCH-104	Identify the role of the architectural profession, and related disciplines, in shaping the built environment and its influence on regions and cultures throughout history.
ARCH-104	Identify key pathways and alternative options for participating in the design of the built environment.
ARCH-105	Utilize distinct tools and representation techniques to express the design of space at different scales, from the human body to the urban landscape.

ARCH-105	Consider and appropriately apply architectural drawing conventions, such as scale, line types, values, and materiality, to a two-dimensional representation of a spatial condition.
ARCH-105	Determine the proper shades and shadows for a complex composition constructed in perspective view.
ARCH-105	Utilize a wide range of graphic approaches, and corresponding range of digital and hand-drawn processes, to communicate design intent.
ARCH-106	Describe sustainability strategies approached by Western and non-Western cultures, including Indigenous practices and approaches, at present and historically.
ARCH-106	Analyze and criticize the use of ethical, legal, and economic arguments given by various stakeholders in the developed and developing world around the idea of sustainable development.
ARCH-106	Interpret and describe the implications of urban space on sustainability goals, and the implications of sustainability goals on the development of urban space; pay particular attention to the social and environmental contributions of various stakeholders to these discussions, especially individuals and groups who are socially marginalized and disenfranchised.
ARCH-106	Discuss and describe geographic patterns at various spatial scales, the processes and patterns of the built environment, and how human actions impact and interact with natural systems to create uneven exposure to environmental degradation and risks.
ARCH-112	Describe how a design proposal is responsive to the particular culture and environmental conditions in which it is situated.
ARCH-112	Articulate design concept, process, and outcomes verbally and graphically.
ARCH-112	Create spatial design proposals based on observations and analysis, while adhering to project constraints.
ARCH-112	Represent design and site analysis and proposals through two- and three-dimensional means.
ARCH-113	Discuss, analyze, and evaluate works of historic and contemporary architecture design in terms of design relevance, environmental considerations, and cultural responsiveness.
ARCH-113	Produce design research graphics, using architectural standards, to document site conditions and context.
ARCH-113	Use research results to develop a preliminary design response, taking program, client, site conditions, and cultural context in consideration.
ARCH-113	Recognize different strategies of form-making, using both digital means and physical model-building, to address a clear design intent.
ARCH-145	Define and discuss general architectural terms correctly from the early through Gothic periods.
ARCH-145	Recognize principles of design function and identify aesthetic characteristics of various styles from the periods presented. Relate the impact of various cultural influences to the development of architectural styles.
ARCH-145H	Demonstrate the ability to define and discuss architectural terms correctly.
ARCH-145H	Relate the impact of various cultural influences to the development of architectural styles.
ARCH-145H	Identify a monument, name of work, location, period style and architect.

ARCH-145H	Recognize principles of design, function and identify aesthetic characteristics of various period styles.
ARCH-146	Define and discuss general architectural terms correctly from the Renaissance through Modern periods.
ARCH-146	Recognize principles of design function and identify aesthetic characteristics of various styles of the periods presented.
ARCH-146	Relate the impact of various cultural influences to the development of architectural styles.
ARCH-146H	Demonstrate the ability to define and discuss architectural terms correctly.
ARCH-146H	Relate the impact of various cultural influences to the development of architectural styles.
ARCH-146H	Identify a monument, name of work, location, period style and architect.
ARCH-146H	Recognize principles of design, function and identify aesthetic characteristics of various period styles.
ARCH-202	Utilize commonly used BIM software (Autodesk Revit) to develop a building project and provide a professional presentation of a BIM model.
ARCH-202	Develop building and infrastructure vocabulary to be able to describe a building, its components, and its systems, including the architectural, MEP (mechanical, electrical, plumbing), and structural components.
ARCH-202	Classify and describe applications of BIM, such as cost estimation, architectural renderings, interference checking, and modeling of energy consumption.
ARCH-202	Define BIM and describe its role and application in the construction industry.
ARCH-203	Utilize explicit and considered workflows to describe, organize, and construct geometrically complex and dimensionally unique architectural components.
ARCH-203	Apply concepts in computational geometry to parametric architectural modeling.
ARCH-203	Present a demo portfolio using computer renderings and animations.
ARCH-203	Create an architectural 3-D model definition and save in a structured format utilizing software.
ARCH-212	Research, analyze, and describe through two- and three-dimensional diagrams how a design aspect of the built environment is and/or isn't responsive to the particular culture and environmental conditions in which it is situated.
ARCH-212	Describe the interaction of humans with their environment, built and unbuilt, including the impact of the architecture, urban design, and planning disciplines on global issues of climate change and inequality.
ARCH-212	Identify and articulate the historic, economic, political, environmental, and cultural factors of human responses to a specific geographic region in Southern California.
ARCH-212	Synthesize preliminary design alternatives and present and evaluate the pros and cons of each, with a particular emphasis on environmental justice and climate and social equity.
ARCH-213	Analyze and evaluate the advantages, potential disadvantages, and impacts of applying sustainable design principles to your architectural proposal.
ARCH-213	Develop medium to large fabrications using standard construction materials and processes related to a detailed portion of your sustainable design proposal.

ARCH-213	Utilize graphics editing software to layout and publish presentations combining a variety of media, including text, 2D and 3D drawings, photographs, and diagrams.
ARCH-213	Generate two-dimensional (2D) drawings and three-dimensional (3D) views using a variety of design software platforms, and apply appropriate drawing standards and notation methods in the creation of design presentations.
ART-098	Demonstrate proficiency of skills specified in the measurable objectives
ART-098	Understand the expectation and value of teamwork
ART-098	Establish and maintain a positive relationship with employer
ART-100	When shown an image of a major work of art, the student will correctly identify the name, country or place of origin and date.
ART-100	When asked to analyze the difference between two major works of art, the student will effectively compare and contrast styles and themes portrayed.
ART-102	When asked to analyze the difference between two major works of art, the student will effectively compare and contrast styles and themes portrayed in the work
ART-102	When shown an image of a major work of art, the student will correctly identify the name, country or place of origin and date
ART-102H	When shown an image of a major work of art, the student will correctly identify the name, country or place of origin and date
ART-102H	When asked to analyze the difference between two major works of art, the student will effectively compare and contrast styles and themes portrayed in the work
ART-103	When shown an image of a major work of art, the student will effectively describe the work in relation to the culture
ART-103	When asked to evaluate and critique works of art, the student will effectively describe the work in relation to the artist's intent
ART-105	Identify the name, country or place of origin and date of specific pieces of art.
ART-105	Compare and contrast styles and themes portrayed by specific artists.
ART-105	Discuss cultural appropriation and its effects on society.
ART-107	Correctly identify the name, country or place of origin and date of an image of a major work of African art.
ART-107	Correctly identify the name, country or place of origin and date of an image of a major work of Asian or Pacific Islander art.
ART-107	Analyze the difference between two major works of African art and Oceanic art, compare and contrast styles and themes portrayed.
ART-108	Correctly identify the name, country or place of origin and date of an image of a major work of Mexican or Mesoamerican art.

ART-108	Analyze the difference between two major works Mexican and Mesoamerican art, compare and contrast styles and themes portrayed.
ART-120	Students will understand the basic elements relative to two-dimensional design.
ART-120	Students will understand the principles of design relative to two-dimensional design.
ART-121	Create a variety of three-dimensional projects using wood, plaster, paper, wire, metal, and other sculptural materials, in a logical scope and sequence.
ART-121	Demonstrate an understanding of aesthetic and historical references of three-dimensional art.
ART-124A	Learn the use of value, color theory and composition as it relates to drawing
ART-124A	Compare student's artwork and working methods to historical artists, periods and styles
ART-124B	Demonstrate the use of line, proportion, and composition
ART-124B	Demonstrate the use of one, two, and three point perspective
ART-124C	Effectively choose materials and subject matter, which support the objective of the drawing
ART-124C	Demonstrate the effective use of multiple perspective, stacked perspective, and foreshortening
ART-126A	Demonstrate the ability to use line, texture, value, color and composition to create two and three-dimensional shapes
ART-126A	Compare their artwork and working methods to historical artists, periods and styles
ART-126B	Use local color, optical color, arbitrary color and symbolic color
ART-126B	Create a painting that has personal symbolism
ART-126C	Create a painting that has patterns and symbols common to their cultural heritage
ART-126C	Create a painting that uses collage
ART-132A	Draw the skeletal and muscular structure of human anatomy
ART-132A	Create a figure drawing using charcoal, conte' crayon, pens, pencils, brush, pastels, and ink
ART-132B	Experiment with materials to create a figure drawing
ART-132B	Create a figure drawing using perspective and use techniques that create the illusion of space
ART-132C	Create to create a figure drawing differentiates between objective and subjective approaches
ART-132C	Create a figure drawing multiple perspective, stacked perspective, and foreshortening
ART-144	Summarize design principles, concepts, styles, and terminologies.
ART-144	Demonstrate skill in tools and techniques of graphic design.
ART-144	Apply design principles and theories to design problems.
ART-144	Develop design work based on analysis of industry constraints and design trends.
ART-145	Identify the elements of design to create a visually appealing illustration or document.
ART-145	Identify fonts under two major categories, serif and sans serif, and use fonts within these categories to convey an intended message.
ART-145	Select appropriate design software in the creation of visual images.

ART-148	Use a layout sequence in the construction of a printed document.
ART-148	Identify fonts under the major families, and use fonts within these families to convey an intended message.
ART-149	Apply design thinking methodology to addressing complex problems in visual communication.
ART-149	Create a series of related digital images that are user-centered based on specific targeted audiences.
ART-149	Create multiple layers in a page layout program.
ART-161	Label and use camera functions.
ART-161	Change camera features to achieve desired affects.
ART-161	Use appropriate technology to manipulate images.
ART-175A	Produce a sculpture in the round
ART-175A	Use sculptural materials to complete a finished piece
ART-175B	Create a 12" clay sculpture
ART-175B	Create a two-part plaster mold
ART-175C	Create five different plaster molds from found objects and original works
ART-175C	Create sculpture using multiples from these five molds and combine them into one object
ART-185	The student will demonstrate how to build web and multimedia interactive sites for distribution on the Internet
ART-185	The student will compose a multimedia site consisting of still images and small animations and identify and use hyperlinks
ART-186	Choose the appropriate HTML/CSS language to create a web and multimedia interactive site for distribution on the Internet.
ART-186	Use two-dimensional animation.
ART-186	Select work for a portfolio.
ART-212A	Apply knowledge and learned skills through task performance while given problem/solution challenges
ART-212A	Identify understanding and producing ceramic containers
ART-212B	Create one plate, 12" in diameter minimum
ART-212B	Produce three covered jars of various clay types
ART-212C	Demonstrate design principles
ART-212C	Identify conventional methods of decoration applied to green ware and visqus ware
ART-212D	Demonstrate how to build large-scale works integrating multiple methods or techniques
ART-212D	Create an original ceramic piece at least 18" in height
ART-240A	Design objects with an emphasis on conventional methods and materials
ART-240A	Create successful, specific glass objects, both functional and aesthetic by design
ART-240B	Design objects with an emphasis on conventional methods and materials
ART-240B	Create successful, specific glass objects, both functional and aesthetic by design
ART-240C	Design objects with an emphasis on conventional methods and materials

ART-240C	Create successful, specific glass objects, both functional and aesthetic by design
ART-240D	Design objects with an emphasis on conventional methods and materials
ART-240D	Create successful, specific glass objects, both functional and aesthetic by design
ART-270A	Accurately measure and cut glass and understand the volume of glass
ART-270A	Create a schedule to successfully fire their work in a kiln
ART-270B	Create deep inside curves and irregular shapes that can't be cut by hand
ART-270B	Demonstrate the use of design elements in creating a glass piece
ART-270C	Design a light fixture and accurately cut and fit glass to meet the design
ART-270C	Design and produce a large two- or three-dimensional piece
ART-270D	Demonstrate collaborative skills in creating artwork
ART-270D	Create a mirrini or pulled piece of cane
ART-280	Use a three-dimensional animation application to both model and construct solid objects and make them into an illusional, three-dimensional space.
ART-280	Design animation material so that it is visually clear and logical.
ART-280	Develop a narrative utilizing storyboarding techniques and scripting.
ASL-109	Students will be able to engage in a basic, comprehensive in vocabulary and grammar, conversation at the end of the course with a minimum of 70% accuracy
ASL-109	Students will be able to produce a basic narrative, inclusive of level one vocabulary, with correct sign parameters, grammar, structure and syntax with a minimum of 70% accuracy
ASL-109	Students will be able to produce proper nouns with the Manual Alphabet and numbers 1-100 with correct positioning, patterns and shapes with a minimum of 70% accuracy
ASL-109	Students will participate in one Deaf event and produce a report on the cultural behaviors and norms observed and experienced at such event
ASL-110	Students will comprehend a moderately complex narrative, comprehensive of level two vocabulary and grammar, with a minimum of 70% accuracy
ASL-110	Students will produce a moderately complex narrative, inclusive of level two vocabulary and grammar, with a minimum of 70% accuracy
ASL-110	Students will be able to produce correct finger spelling form, movement and patterns for words of up to 10 letters in length, months, states, provinces and basic lexicalized signs with a minimum of 70% accuracy
ASL-110	Students will be able to produce numbers for years, phone numbers, clock time, pricing and cost, and age with correct application of rules with a minimum of 70% accuracy
ASL-110	Students will participate in two Deaf events and produce a report on the cultural behaviors and norms observed at such event

ASL-111	Students will comprehend the main points of an ASL narrative story, dialogue or prompt, comprehensive of third semester ASL vocabulary and grammar with an accuracy of 70% or better
ASL-111	Students present a 5-10 minute narrative story or dialogue, demonstrating use of third semester ASL grammar and structure, with an accuracy of 70% or better
ASL-111	Students will develop increased awareness of Deaf culture and social norms by participating in three Deaf events and presenting a report in ASL comparing and contrasting the cultural behaviors and social norms of the Deaf and hearing communities
ASL-111	Students will compare and contrast the similarities and differences between Deaf and hearing language, culture, and worldviews
ASL-112	Students will comprehend the main points of an ASL narrative story, dialogue or prompt, comprehensive of fourth semester ASL vocabulary and grammar with an accuracy of 70% or better
ASL-112	Students present a 5-10 minute narrative story or dialogue, demonstrating use of fourth semester ASL grammar and structure, with an accuracy of 70% or better
ASL-112	Students will participate in four Deaf events and present a report in ASL comparing and contrasting the cultural behaviors and norms of the Deaf and hearing communities
ASL-112	Students will conduct research on a chosen contemporary issue within the Deaf community and present the findings in a presentation using ASL as the communication method
ASL-120	Describe how the shared experiences, language, and values support the construct of Deaf Culture and Community.
ASL-120	Compare and contrast the characteristics of Deaf and hearing cultures.
ASL-120	Classify characteristics of hearing and Deaf Community perspectives on deafness.
ASL-120	Express no less than two actions non-members of the Deaf Community take as a practice of allyship and in opposition to audism and oppression of the Deaf Community.
ASTRON-120	Identify and explain basic, astronomical concepts and phenomenology, and their related physical concepts.
ASTRON-120	Solve and describe the outcomes for a given astronomical scenario by the proper application of the concepts of physical laws and astronomy.
ASTRON-120	Identify and explain the apparent motions of celestial objects in the night sky.
ASTRON-125	Given a particular laboratory astronomical and/or physical objective, students will correctly construct physical systems, learn to use and manipulate laboratory apparatus, and correctly make and analyze measurements of these physical systems.
ASTRON-125	Given data from internet-based investigations, computer simulations, or previously-performed investigations in astronomical and/or physical systems, students will correctly analyze measurements of these systems.
ASTRON-125	Students will become familiar with the basic principles and operation of various astronomical instruments by hands-on laboratory experience.

ASTRON-222	Use library and/or internet work and related research, to demonstrate a deeper understanding of the astronomical and physical concepts involved in the problem or project by correctly describing these concepts.
ASTRON-222	Apply physical law and/or astronomical principles to gain further insight into the problem or project.
ASTRON-222	Construct physical systems to learn to use and manipulate laboratory apparatus, and to correctly make and analyze measurements of these physical systems to further study the astronomical problem or project.
AUTO-010	The ability to demonstrate appropriate personal and shop safety procedures needed to safely work with high voltage systems
AUTO-010	Students will be able use acquired knowledge related to the components used on modern hybrid and electric vehicles
AUTO-010	The student will demonstrate how to perform basic maintenance related to hybrid and electric vehicles
AUTO-011	Demonstrate appropriate personal and shop safety procedures needed to safely work with high voltage and hydrogen fuel systems
AUTO-011	Use acquired knowledge related to the components used on modern electric and hydrogen fuel cell vehicles
AUTO-011	Perform basic maintenance, diagnostic and repair related to electric and hydrogen fuel cell vehicles
AUTO-011L	Demonstrate appropriate personal and shop safety procedures needed to safely work with high voltage and hydrogen fuel systems
AUTO-011L	Use acquired knowledge related to the components used on modern electric and hydrogen fuel cell vehicles
AUTO-011L	Perform basic maintenance, diagnostic and repair related to electric and hydrogen fuel cell vehicles
AUTO-050	Identify auto shop safety practices
AUTO-050	Explain the utilization of automotive brake tools
AUTO-050	Summarize the theory and concepts of the automotive brake systems
AUTO-050L	Demonstrate and practice auto shop safety
AUTO-050L	Apply the proper use of hand tools used on the automotive brake systems
AUTO-050L	Perform the service and repair of automotive brake systems
AUTO-052	Identify auto shop safety practices
AUTO-052	Explain the utilization of automotive suspension tools
AUTO-052	Summarize the theory and concepts of the automotive suspension systems
AUTO-052L	Demonstrate and practice auto shop safety
AUTO-052L	Apply the proper use of hand tools used on the automotive suspension systems
AUTO-052L	Perform the service and repair of automotive suspension systems
AUTO-056	Upon completion of this course students will be able to correctly identify and utilize automotive tools
AUTO-056	Upon completion of this course students will have the ability to repair automotive air conditioning and heating systems

AUTO-056	Upon completion of this course students will demonstrate the ability to make minor repairs to t automotive air conditioning and heating system
AUTO-062	Identify and utilize automotive tools
AUTO-062	Diagnose and Repair automotive ignition systems
AUTO-062	Diagnose and Repair automotive fuel and exhaust systems
AUTO-062	Diagnose and Repair automotive emissions systems
AUTO-062L	Identify and utilize automotive tools
AUTO-062L	Diagnose and Repair automotive ignition systems
AUTO-062L	Diagnose and Repair automotive fuel and exhaust systems
AUTO-062L	Diagnose and Repair automotive emissions systems
AUTO-064	Identify and evaluate electrical circuits by reading diagrams using diagnostic equipment as performed in the lab.
AUTO-064	Diagnose and repair malfunctions in electrical systems and components and document the results of the repair in lab.
AUTO-064	Perform electrical repair and diagnostic to manufacturer specifications as it relates to industry standards.
AUTO-065	Identify and utilize automotive tools.
AUTO-065	Test and evaluate components of electrical accessories.
AUTO-065	Evaluate the condition of electrical accessories.
AUTO-075	Identify auto shop safety practices
AUTO-075	Explain the utilization of automotive transmission and transaxle tools
AUTO-075	Summarize the theory and concepts of automotive transmissions and transaxles systems
AUTO-075L	Demonstrate and practice auto shop safety
AUTO-075L	Apply the proper use of hand tools used in automotive transmission and transaxle repairs
AUTO-075L	Perform the service and repairs of automotive transmissions and transaxles systems
AUTO-077	Identify auto shop safety practices
AUTO-077	Explain the utilization of automotive transmission and transaxle tools
AUTO-077	Summarize the theory and concepts of automotive transmissions and transaxle systems
AUTO-077L	Demonstrate and practice auto shop safety
AUTO-077L	Apply the proper use of hand tools used in automotive manual transmission and transaxle repairs
AUTO-077L	Perform the service and repair of automotive manual transmissions and transaxles systems
AUTO-084	Identify auto shop safety practices
AUTO-084	Explain the utilization of automotive preventative maintenance service and repair tools
AUTO-084	Summarize the theory and concepts of automotive preventive maintenance service and repairs
AUTO-084L	Demonstrate and practice auto shop safety
AUTO-084L	Apply the proper use of hand tools used in automotive preventive maintenance service and repairs

AUTO-084L	Perform the preventive maintenance service and repairs of automotive systems
AUTO-090	Identify auto shop safety practices
AUTO-090	Explain the utilization of automotive engine repair tools
AUTO-090	Summarize the theory and repair of automotive engines
AUTO-090L	Demonstrate and practice auto shop safety
AUTO-090L	Apply the proper use of hand tools used in automotive engine repair
AUTO-090L	Perform the service and repair of automotive engines
AUTO-098	Demonstrate proficiency of skills specified in the measurable objectives
AUTO-098	Understand the expectation and value of teamwork
AUTO-098	Establish and maintain a positive relationship with employer
AUTO-685L	Demonstrate and practice auto shop safety.
AUTO-685L	Apply the proper use of hand tools used in automotive systems.
AUTO-685L	Perform service and repairs of automotive systems.
AUTO-650	Explain the utilization of automotive brake tools.
AUTO-650	Identify auto shop safety practices.
AUTO-650	Summarize the theory and concepts of the automotive brake systems.
AUTO-650L	Demonstrate and practice auto shop safety.
AUTO-650L	Apply the proper use of hand tools used on the automotive brake systems.
AUTO-650L	Perform the service and repair of automotive brake systems.
AUTO-652	Identify auto shop safety practices.
AUTO-652	Explain the utilization of automotive suspension tools.
AUTO-652	Summarize the theory and concepts of the automotive suspension systems.
AUTO-652L	Apply the proper use of hand tools used on the automotive suspension systems.
AUTO-652L	Demonstrate and practice auto shop safety.
AUTO-652L	Perform the service and repair of automotive suspension systems.
AUTO-675	Identify auto shop safety practices.
AUTO-675	Explain the utilization of automotive transmission and transaxle tools.
AUTO-675	Summarize the theory and concepts of automotive transmissions and transaxles systems.
AUTO-675L	Apply the proper use of hand tools used in automotive transmission and transaxle repairs.
AUTO-675L	Demonstrate and practice auto shop safety.
AUTO-675L	Perform the service and repairs of automotive transmissions and transaxles systems.
AUTO-684	Identify auto shop safety practices.
AUTO-684	Explain the utilization of automotive preventative maintenance service and repair tools.
AUTO-684	Summarize the theory and concepts of automotive preventive maintenance service and repairs.

AUTO-684L	Apply the proper use of hand tools used in automotive preventive maintenance service and repairs.
AUTO-684L	Demonstrate and practice auto shop safety.
AUTO-684L	Perform the preventive maintenance service and repairs of automotive systems.
AUTO-690	Identify auto shop safety practices.
AUTO-690	Explain the utilization of automotive engine repair tools.
AUTO-690	Summarize the theory and repair of automotive engines.
AUTO-690L	Apply the proper use of hand tools used in automotive engine repair.
AUTO-690L	Demonstrate and practice auto shop safety.
AUTO-690L	Perform the service and repair of automotive engines.
BIOL-100	Lecture: Explain the relationship of a biological concept to inequities in our community in an exam essay question of higher-order bloom's taxonomy.
BIOL-100	Lecture: Identify the interconnection of biology, their everyday life, and information literacy using a metacognitive reading analysis worksheet on a contemporary secondary or tertiary science article of their choice.
BIOL-100	Lab: Employ scientific thinking and methodologies by creating a research proposal based on outdoor and/or laboratory animal observations.
BIOL-104	Given an article from a general or scientific journal that reports on recent environmental research results with implications for environmental or human health, the student will draft an articulate and informed response, such as a letter to the editor, lobbying points for a visit to a legislator, or a storyboard for a public service announcement.
BIOL-104	Upon completing the course, the student will identify the ecological consequences of human resource use and population growth as well as earth's life support systems and current environmental problems threatening human health and species survival.
BIOL-141	Distinguish questions that can be addressed scientifically from those that cannot, and identify basic components of the scientific method as it pertains to human heredity
BIOL-141	Recognize unifying theories and concepts in biology (e.g. structure & function of DNA and proteins, inheritance, & gene expression) within an evolutionary context
BIOL-141	Discuss current events related to human genetics
BIOL-141	Read and discuss scientific articles related to human genetics and stem cells
BIOL-141	Prepare a written paper on scientific information
BIOL-155	Determine the likely effects and causes of a given disease and relate those to the normal anatomic and physiologic conditions of the human body.
BIOL-155	Integrate the scientific process with physiological principles by writing a lab report in the scientific format and articulating hypothesis/predictions for physiological experiments (e.g., osmosis, enzyme activity), and interpreting and evaluating the results with respect to existing theoretical explanations.
BIOL-205	Evaluate a claim or research to determine whether it has a basis in non-science, pseudoscience, or science

BIOL-205	Introduce a testable hypothesis, articulate the procedures applied, report the appropriate statistical analyses, interpret the results, and discuss uncontrolled variables
BIOL-205	Identify a research question, and write a 2-4 page proposal in scientific format introducing research question, background information, and methodologies that test the study question
BIOL-206	Relate key evolutionary characteristics of an organism (prokaryote, protist, animal or plant) to the environmental selection pressures encountered at the time of their evolution
BIOL-206	Identify a group of organisms (from lab or field collections) using a combination of taxonomic keys and anatomical observations and organizing them into an appropriate taxonomic classification scheme and reporting the results in a written report
BIOL-207	Evaluate and justify whether a claim or statement is biologically valid under the principles of evolution
BIOL-207	Design and execute an experimental or observational field project
BIOL-222	Given a particular problem or project in Biology, by using laboratory research, library and/or Internet work and related research, students will, on an independent basis, and under the guidance of the instructor, demonstrate a deeper understanding of the biological concepts involved in the problem or project by correctly describing these concepts.
BIOL-222	By properly applying Biological principals, students will gain further insight into the problem or project.
BIOL-222	Students may use laboratory or field work to explore and analyze biological systems in order to further study the physical and cultural aspects of a problem or project at an appropriate level.
BIOL-250	Explain anatomical terminology related to skeletal and muscular system using bones, muscle models and specimen dissection
BIOL-250	Explain the main differences between sympathetic and parasympathetic nervous system in terms of neurotransmitters, receptors, and activity on target tissue
BIOL-250	Explain the cause of ketoacidosis and possible risks of low pH, and the best course of treatment
BIOL-251	Explain the hormonal influence of ADH and aldosterone on an individual with high plasma osmolarity
BIOL-251	Explain the effects of ingesting a hypotonic, hypertonic, and isotonic solution on blood pressure and renal output
BIOL-251	Evaluate an EKG using the five cardinal rules
BIOL-260	Identify blood flow through the heart, including chambers, valves and blood vessels
BIOL-260	Locate and name the major muscles of a specified body part on an anatomical specimen
BIOL-260	Identify lobes, parts, structures, and functional areas of a brain
BIOL-260	Differentiate and name the 22 major bones of the skull including prominent features and surface structures
BIOL-261	Using physiological concepts learned for a given organ system, students will analyze physiological data and determine physiological disturbances.
BIOL-261	Students will analyze laboratory data and provide scientific rationale to interpret the results.

BIOL-261	Students will evaluate the effect of ingesting a hypertonic, hypotonic or isotonic solution on blood pressure and renal output.
BIOL-270	Differentiate eukaryotic and prokaryotic cells and their structures.
BIOL-270	Illustrate viral structure and replication.
BIOL-270	Identify pathways in microbial metabolism.
BIOL-270	Illustrate DNA replication and protein synthesis in eukaryotes and prokaryotes.
BIOL-270	Understand the basics of the host immune response.
BIOL-270	Discuss inequities in healthcare.
BIOL-270	Apply methods of aseptic technique.
BIOL-270	Use of the microscope.
BIOL-270	Control of microbial growth.
BIOL-270	Use morphological, cultural, and physiological data to produce a dichotomous flow chart.
BUSAD-039	Research career fields and occupations of interest and create a state-of-the-art portfolio for the job search process.
BUSAD-039	Create a cover letter and resume using information from their career visions, goals, and action plans.
BUSAD-039	Design a career path that fits their personal values, interests, personality, and skills.
BUSAD-050	Evaluate basic financial statements.
BUSAD-050	Use percentages, ratios, and proportions for business applications such as discounts, markups, and markdowns.
BUSAD-050	Use simple and compound interest to do business calculations such as value of money, maturity value, promissory notes, present value, and future value.
BUSAD-098	Demonstrate proficiency of skills specified in the measurable objectives
BUSAD-098	Understand the expectation and value of teamwork
BUSAD-098	Establish and maintain a positive relationship with employer
BUSAD-100	List and describe the functions of a typical business enterprise when evaluating the interrelationship and contribution of human resource management, marketing, production, accounting, and finance.
BUSAD-100	Distinguish between ethical and unethical practices in relation to operational profitability.
BUSAD-100	Identify key leadership styles in an organization and how each style relates to creating a diverse work environment.
BUSAD-103	Apply the principles and concepts of marketing and consumer behavior.
BUSAD-103	Propose alternatives/solutions to ethical issues within the marketing environment.
BUSAD-103	Recognize a marketing opportunity and develop the appropriate product, price, place, and promotion to capitalize on that opportunity.
BUSAD-105	Discuss the key financial issues involved with starting a business.
BUSAD-105	Identify, evaluate, and propose solutions to ethical issues within the entrepreneurial environment.
BUSAD-105	Create a basic business plan covering finance, operations, marketing, and human resource functions.

BUSAD-105	Evaluate the importance of creative thinking and innovation in Entrepreneurialism and the role that it plays in their own business idea.
BUSAD-106	Understand the ethical and legal issues in selling and how they can affect the success of a company in the long-term.
BUSAD-106	Analyze the ethical responsibilities people in sales have toward their organizations, customers, the cultural differences of their environments, and themselves.
BUSAD-106	Evaluate the use of communication tools to enhance sales presentation such as visual aids, samples, testimonials, and demonstrations.
BUSAD-106	Examine the importance of issues such as long-term relationship building, product knowledge, prospecting, the approach, the presentation, and the close.
BUSAD-108	Apply the risk management process to address the risks of property and liability risk.
BUSAD-108	Compare the common types of consumer credit including credit cards and installment loans.
BUSAD-108	Develop a written personal financial plan.
BUSAD-108	List and define the tools of monetary asset management and identify the types of financial services firms that provide those tools.
BUSAD-110	Describe the need for ethics and cultural diversity in the workplace.
BUSAD-110	Discuss and analyze employee communication and performance.
BUSAD-110	Identify the proper procedures to hire, terminate, and discipline employees.
BUSAD-112	Identify the critical parts retailing plays in a business.
BUSAD-112	Create a retail business plan that creates an inclusive experience for shoppers.
BUSAD-112	Develop a culturally diverse sales promotional campaign.
BUSAD-120	Discuss the relationship between ethics and laws and their impact on relevant stakeholders in the management decision process.
BUSAD-120	Identify and briefly define the three major types of managerial skills that managers need.
BUSAD-120	Discuss the four principal managerial tasks giving realistic business examples of how a manager performs each task in a diverse working environment.
BUSAD-127	Research, organize, and compose an informative or investigative report that reaches conclusions and/or makes recommendations.
BUSAD-127	Compose a business message that demonstrates reasoning and creativity using specific formatting, tone and style guidelines.
BUSAD-127	Apply industry level communication principles and practices in current business documents and written and oral reports.
BUSAD-127	Build confidence in writing business messages using the You Approach, positive language, and the 5 Cs of successful communication (clear, concise, correct, complete, and courteous) are incorporated.

BUSAD-151	Identify the impact of individual, group, and organizational human behaviors/communications on specific real-life scenarios.
BUSAD-151	Identify different leadership and management models and styles to respond appropriately with them in different situations.
BUSAD-151	Apply the communication concepts to improve processes.
BUSAD-210	Accurately utilize key business law terminology.
BUSAD-210	Evaluate and formulate legally sound and practical solutions to legal issues.
BUSAD-210	Identify the key elements of legal contracts.
BUSAD-222	Gain knowledge and skills through the successful completion of an independent study course
BUSAD-222	Demonstrate a deeper understanding than what is normally covered in other curricula of a selected topic in Business Administration
BUSAD-600	Assess key personality types desired for a career in business
BUSAD-600	Analyze specific skills needed during a job search process
BUSAD-600	Discuss how to apply for jobs in the business fields
BUSAD-600	Identify at least three employment opportunities related to individual experience and applicable to qualifications and skill set
BUSAD-600	Design a given career path that fits their personal values, interests, personality, and skills
BUSAD-601	Assess the roles of a cover letter and resume in the hiring process
BUSAD-601	Write a clear, correctly formatted, and well-organized cover letter and resume
BUSAD-601	Develop a resume and cover letter for a specific job description
BUSAD-601	Select their key experiences that will make them stand out of the crowd
BUSAD-601	Prepare a cover letter that will maximize their chances of getting their desired job
BUSAD-602	Articulate effective responses to a series of common interview questions
BUSAD-602	Develop and improve interviewing skills to be able to better secure their desired position
BUSAD-602	Identify what to do before an interview is scheduled
BUSAD-602	Connect better with potential employers and set themselves apart from the competition
BUSAD-602	Recognize how to follow-up after an interview
BUSAD-603	Discover how to access jobs that might never be advertised
BUSAD-603	Locate jobs that are not commonly known
BUSAD-603	Describe the art of networking to find job vacancies
BUSAD-603	Define the steps required to pursue and land a job
BUSAD-603	Develop an "elevator speech"
BUSAD-604	Discuss the values, interests, strengths, and skills needed to flourish within the current work environment and prepare for a future one

BUSAD-604	Describe techniques to improve career readiness
BUSAD-604	Indicate appropriate and inappropriate ethical office behavior
BUSAD-604	List the steps for dealing with difficult people
BUSAD-604	Show how to practice cultural sensitivity in the workplace
BUSAD-605	Develop a legal portfolio
BUSAD-605	Explain the laws that most impact business startups and entrepreneurship
BUSAD-605	Recognize and evaluate the legal risks in entrepreneurial endeavors
BUSAD-605	Identify how to create, protect, and manage patents, copyrights, trademarks, and trade secrets for your company and its products and services
BUSAD-605	Discuss legal aspects that present opportunities and challenges for entrepreneurs in their company creation and launch
BUSAD-605	Recognize which legal contracts and agreements are appropriate for entrepreneurial activities, and how to develop and negotiate contracts
BUSAD-606	Know the purpose of a Business Plan
BUSAD-606	Recognize and explain the challenges of starting a new business and the resources available to help mitigate them
BUSAD-606	Describe the different parts of a business plan
BUSAD-606	Show practical skills on how to write each main component of a Business Plan
BUSAD-606	Evaluate their target market
BUSAD-606	Identify the most effective monetization strategy for their business
BUSAD-607	Apply basic financial knowledge
BUSAD-607	Illustrate the ability to read and understand financial statements such as balance sheets, income statements and cash flow statements
BUSAD-607	Utilize financial statements, break-even analysis, startup valuation and financial ratios in evaluating entrepreneurial strategies
BUSAD-607	Develop financial statements for a startup that targets potential investors
BUSAD-607	Evaluate internal and external financing options for startups
BUSAD-607	Discuss the "language of finance" so that they can talk to professionals with confidence
BUSAD-608	Identify and evaluate marketing opportunities
BUSAD-608	Explain major strategic constraints and issues confronted by entrepreneurs today
BUSAD-608	Recognize how entrepreneurs achieve competitive advantages given limited marketing resources
BUSAD-608	Assess the value of new media tools (social networks, websites, internet searches)
BUSAD-608	Assess the value of traditional local promotional tools
BUSAD-608	Select and utilize appropriate tools for a specific business

BUSAD-608	Build a comprehensive marketing plan that considers traditional and non-traditional activities, competitive advantage, and a budget
BUSAD-609	Recognize basic accounting terminology
BUSAD-609	Identify and explain the need for accurate accounting records for both internal and external use
BUSAD-609	Perform basic record keeping processes such as recording, summarizing, and reporting small business transactions
BUSAD-609	Use financial statement analysis to assess the liquidity and solvency of a business
BUSAD-609	Utilize financial statements to assess the profitability of a business
BUSAD-609	Identify and explain good cash control procedures for small business situations
BUSAD-609	Summarize management accounting information used to make business decisions
BUSAD-610	Explain how to manage business operations
BUSAD-610	Apply motivation theories to enable a small business to attract, develop, and retain a motivated diverse workforce
BUSAD-610	Describe best practices in human resource administration for small businesses
BUSAD-610	Describe the managerial roles played by an entrepreneur
BUSAD-610	Outline the five key managerial activities
BUSAD-610	Describe the process for staffing an entrepreneurial venture
BUSAD-610	Examine why ethical behavior is necessary for leadership
BUSAD-611	Critique the distinction between lasting and temporary motivations
BUSAD-611	Change processes, meetings and brainstorming sessions to be more inclusive and effective
BUSAD-611	Point out problematic behavior born out of cognitive biases and subconscious belief systems
BUSAD-611	Apply coaching skills through powerful communication tools
BUSAD-611	Describe how planning and vision play an important role in leadership skills
BUSAD-611	Describe processes of ethical decision making
BUSAD-612	Identify how to spend their time and avoid time wasters
BUSAD-612	Prioritize projects and tasks using an eight-step process
BUSAD-612	Recognize the needs of different personality styles and how to work with them
BUSAD-612	Identify effective delegation techniques
BUSAD-612	Recognize the difference between effectiveness and 'busyness'
BUSAD-612	Develop effective techniques for reducing the impact of interruptions
BUSAD-613	Identify a difficult person
BUSAD-613	Illustrate the reasons why a person is difficult
BUSAD-613	Recognize barriers to effective communication and how to address them
BUSAD-613	Recognize aggressive, assertive, and passive behaviors
BUSAD-613	Discuss the importance of communication when dealing with a difficult person
BUSAD-613	Describe how to deal with conflict

BUSAD-613	Create win-win solutions
BUSAD-614	Use listening skills to create more effective, less confrontational, more productive professional and personal relationships
BUSAD-614	Identify effective listening behaviors, from nonverbal cues to making people feel heard
BUSAD-614	Use a listening mindset and stop interrupting
BUSAD-614	Identify the difference between hearing and listening
BUSAD-614	Determine active listening principles
BUSAD-614	Identify their own communication behaviors
BUSAD-614	Discover how to paraphrase and restate for clarification
BUSAD-615	Describe customer expectations, barriers to customer service and keys to establishing credibility
BUSAD-615	Explain the role of problem solving in customer service and how to turn problems into opportunities
BUSAD-615	Describe the who, why and what of the challenging customer
BUSAD-615	Describe the value of existing customers and retention
BUSAD-615	Discuss the rewards of providing excellent customer service
CD-061	Plan age-appropriate activities for children 5 years to 14 years old
CD-061	Develop and write a philosophy of working with school-age children in before and after school programs which includes high quality standards of care
CD-061	Use positive guidance strategies, active listening skills and conflict resolutions strategies
CD-075	Identify and apply Title 22 regulations required in a family child care home setting
CD-075	Identify basic nutrition and its impact on children, including children with special needs
CD-075	Explain methods of positive guidance used with school-age children
CD-100	Identify the components of quality early childhood programs
CD-100	Identify early childhood program types, Early Childhood Education philosophies and some basic theories in early childhood education
CD-100	Identify and explain current trends in the field of Early Childhood Education
CD-101	Analyze the role their parents played in their own childhood and explain the impact of these practices on their own parenting and teaching practices
CD-101	Evaluate the necessary skills to effectively deal with children's misbehavior and family anger in helpful ways
CD-101	Use behavior modification techniques to improve a child's behavior
CD-105	Describe and explain the development of children from conception through adolescence in the physical, social, emotional, and cognitive domains.
CD-105	Identify and analyze cultural, economic, political, and historical contexts that impact children's development.
CD-105	Apply knowledge of development and major theoretical frameworks to child observations.

CD-105H	Describe and explain the development of children from conception through adolescence in the physical, social, emotional, and cognitive domains.
CD-105H	Identify and analyze cultural, economic, political, and historical contexts that impact children's development.
CD-105H	Apply knowledge of development and major theoretical frameworks to child observations.
CD-105H	Honors: Differentiate characteristics of typical and atypical development.
CD-105H	Honors: Analyze a topic in Child Development using research and APA style.
CD-108	Describe development during early childhood in each developmental domain
CD-108	Identify and compare ages and stages during early childhood development
CD-108	Apply developmentally appropriate methods to support early childhood development as a parent or teacher of young children
CD-109	Describe causes, symptoms and reactions of stress and trauma exhibited by children
CD-109	Describe the effects of stress and trauma on children's physical, cognitive, language, social and emotional development
CD-109	Explain theoretical perspectives and implement strategies to promote children's coping skills and the healing process
CD-111	Evaluate the characteristics, strengths, limitations, and applications of contemporary observation and assessment tools.
CD-111	Complete systematic observations and assessments of children's development and learning using a variety of data collection methods to inform environmental design, interactions, and curriculum.
CD-111	Describe the ethical and professional responsibilities of educators in observing and assessing young children's development and learning.
CD-113	Compare and contrast historical and current early childhood education perspectives, theories, and program types and philosophies.
CD-113	Explain how foundational knowledge of child development and learning theories inform environments, pedagogy, and interactions in early care and education settings.
CD-113	Identify the roles, requirements, and responsibilities of early childhood teachers as professional educators.
CD-114	Apply elements of various curriculum models, approaches, theories, and standards for early learning including indicators of quality to plan and individualize curriculum for children ages birth through eight
CD-114	Plan indoor and outdoor environments based on knowledge and understanding of children's development and needs
CD-114	Develop curriculum for all content areas to support children's learning and developmental needs
CD-115	Identify regulations, standards, policies, and procedures related to health, safety, and nutrition in early childhood settings
CD-115	Describe strategies used to promote health, safety, and nutrition of children and adults in early childhood settings

CD-115	Evaluate environments for both positive and negative impacts on children's health and safety
CD-126	Describe the socialization of the child, focusing on the interrelationship of family, school, and community.
CD-126	Describe strategies for collaboration with families to support children's development and learning that are respectful, reciprocal, and engaging.
CD-126	Identify and describe community resources to support children and their families.
CD-127	Analyze discipline practices in their family of origin and the impact of these past experiences on future guidance practices
CD-127	Demonstrate examples of positive guidance strategies to the class
CD-127	Analyze and clearly explain the potential impact of harsh punishment and poor guidance practices on a child's development
CD-130	Examine and describe developmentally appropriate music and movement practices for children.
CD-130	Use developmentally appropriate practices and pertinent musical props for children.
CD-130	Facilitate and guide early childhood movement activities.
CD-133	Create age appropriate activities for a preschool science and math program
CD-133	Analyze basic science and math concepts for young children
CD-133	Formulate goals and objectives for a preschool science and math program
CD-134	Identify activities that influence language development
CD-134	Use guidelines and appropriate practices for early childhood language and literature activities
CD-134	Explain childhood language acquisition and development
CD-136	Distinguish child-directed art from teacher-directed projects
CD-136	Explain the guidelines for early childhood art activities
CD-136	Create an art activity and provide an analysis of how each art activity directly supports children's development in each developmental domain
CD-137	Create age-appropriate play materials
CD-137	Explain age appropriate stages of play and developmental abilities of children
CD-137	Describe safe, interactive, aesthetic, and age appropriate indoor and outdoor physical play environments for young children
CD-138	Explain the impact of various societal influences on the development of children's social identity
CD-138	Evaluate the ways that developmentally appropriate, inclusive, and anti-bias approaches support learning and development
CD-138	Identify and analyze the influence of teacher's experiences on teaching approaches and interactions with children and families.
CD-160	Identify, explain and compare typical patterns of development in different age groups within the middle childhood range.

CD-160	Identify and describe the various theories and research related to middle childhood development, ages six through twelve.
CD-160	Analyze current issues related to children during middle childhood.
CD-185	Identify and compare theoretical and current research about typical patterns of development in infants and toddlers from pre-conception to 36 months, such as language/cognitive/sensory, social/emotional and physical development, to environmental practices which impact development.
CD-185	Apply observed behaviors of children birth to 36 months to developmental concepts and theories related to physical, cognitive, language, social and emotional domains.
CD-185	Analyze contextual influences on infant and toddler development, including diverse family practices and environments.
CD-186	Write and describe 6 of the the essential policies and practices of quality infant and toddler programs
CD-186	Write and analyze 5 strategies to promote healthy relationships in the care and education of infants and toddlers
CD-186	Evaluate infant and toddler curriculum and environments based on observation, documentation and reflection using the ITERS-R
CD-205	Apply a variety of effective approaches, strategies and techniques for teaching in an early childhood classroom
CD-205	Design, implement, and evaluate curriculum and environments based on observation and assessment of young children
CD-205	Analyze personal teaching experiences to guide and inform practice
CD-215	Create activities to meet the needs of young children with disabilities or other special needs
CD-215	Explain how to increase children's pro-social behavior
CD-215	Adapt / modify the environment, in a home or classroom, for a child with a special need or disability
CD-244	Compare local resources for children with special needs and their families
CD-244	Identify types of disabilities related to the cognitive, social/emotional, and/or physical development of children with special needs
CD-244	Investigate one disability in depth and the techniques educators could use to enhance learning for the whole child
CD-245	Identify the major components of current laws related to children with disabilities
CD-245	Develop educational plans for children with disabilities
CD-245	Identify and apply methods to advocate for families and children with special needs.
CD-270	Apply Individualized mentoring and supervision strategies based on the roles and developmental stages of adult learners.
CD-270	Apply clear communication skills and reflective practices strategies when working with diverse adult populations.
CD-270	Use a variety of personnel, program and environmental assessment tools to inform leadership decisions.
CD-271	Apply administration skills related to various types of early care and education programs
CD-271	Apply knowledge of strategic and fiscal planning

CD-271	Evaluate the components of quality programs, facilities and operations
CD-272	Apply effective practices for managing and leading staff and administering early care and education programs
CD-272	Implement ongoing professional development plans based on evaluation of staff and administrator needs
CD-272	Identify methods to establish professional relationships and facilitate collaboration and communication between colleagues, families and stakeholders
CD-601	Analyze the role their parents played in their own childhood and explain the impact of these practices on their own parenting and teaching practices.
CD-601	Evaluate the necessary skills to effectively deal with children's misbehavior and family anger in helpful ways.
CD-601	Use behavior modification techniques to improve a child's behavior.
CHEM-101	Utilize chemical nomenclature both by generating balanced chemical formulas and also by properly identifying compounds based on a given formula.
CHEM-101	Use the mole concept by analyzing a balanced chemical reaction, evaluating the mass or mole data provided, constructing a solution map utilizing the mole ratio and correctly solving the problem.
CHEM-101	Analyze molecular structure and its relationship to physical properties.
CHEM-101	Employ the periodic table to deduce a specified atom's atomic structure and predict likely types of bonds in which the specified atom may participate.
CHEM-104	Given the IUPAC/Common names for organic/biochemical reactants, students will identify/draw the structural formulas and for the reaction: predict products, provide organic/biochemical structures and their IUPAC/Common names
CHEM-104	Students will identify defining characteristics and functionality of Biomolecules and their application to biological systems
CHEM-105	Utilize chemical nomenclature both by generating balanced chemical formulas and also by properly identifying compounds based on a given formula.
CHEM-105	Perform various stoichiometric calculations including unit and solution conversions.
CHEM-105	Analyze molecular structure and its relationship to physical properties.
CHEM-105	Employ the periodic table to deduce a specified atom's atomic structure and predict like types of bonds in which the specified atom may participate.
CHEM-105	Given the IUPAC/Common names for organic/biochemical reactants, identify/draw the structural formulas and for the reaction: predict products, provide organic/biochemical structures and their IUPAC/Common names.
CHEM-105	Identify defining characteristics and functionality of Biomolecules and their application to biological systems.
CHEM-150	Use dimensional analysis and stoichiometric relationships between substances in a chemical equation to: Calculate a quantity of one substance given a quantity of another one, and calculate the theoretical yield of a chemical reaction to compare to an experimentally determined yield

CHEM-150	Utilize the periodic table, theories of bonding, and molecular structures to conceptually evaluate physical and chemical properties of substances
CHEM-151	Analyze equilibrium systems, including acid-base chemistry and titrations, to determine numerical parameters such as pH and K_c , and make predictions about equilibrium changes based on Le Chatelier's principle.
CHEM-151	Use thermodynamic and/or electrochemical information to quantitatively relate the parameters ΔG , K , or E (in standard or non-standard states).
CHEM-151	For kinetics and equilibrium measurements, assemble laboratory setups, collect data, perform calculations, and report the results of the experimental objectives.
CHEM-151	Demonstrate proficiency on general chemistry topics from national American Chemical Society (ACS) exams.
CHEM-205	Students will employ theories of acid-base chemistry, solubility, and equilibria in order to calculate concentrations of compounds or ions in solution
CHEM-205	Students will demonstrate laboratory proficiency in quantitative analysis by performing experiments such as titrimetry, gravimetry, electrochemistry, and chromatography
CHEM-205	Students will analyze or predict the results of quantitative measurements using graphical, statistical, and other mathematical approaches
CHEM-212	Given the reaction conditions, the substrate, the nucleophile, and the solvent, students will predict the reaction mechanism, hypothesize the transition state, and justify their prediction of the structural formula of the major product(s) and elucidate the pathway for the electron movement
CHEM-212	Utilizing principles of electronegativity, Lewis structures, bonding, resonance, and Molecular Orbital theory, students will predict the stability or relative reactivity of simple organic compounds with specified reagent
CHEM-212	Utilizing reactions for each type of compound, students will develop synthetic pathways (both starting material and reagent sequence) for simple organic compounds
CHEM-212	Given infrared and mass spectra, students will identify functional groups and/or overall structure of simple organic compounds.
CHEM-213	Analyze spectra from mass spectrometry (MS), infrared (IR) spectroscopy, and nuclear magnetic resonance (NMR) spectroscopy, to determine the molecular structure of an organic compound and justify the prediction.
CHEM-213	Employ concepts of activating groups, deactivating groups, and resonance structures to predict and justify the products of electrophilic aromatic substitution.
CHEM-213	Evaluate appropriate experimental conditions and applications for reactions involving carbonyl compounds, including their use in synthesis.
CHEM-213	Use chemical tests and spectroscopic data to identify the structures of unknown compounds.
CHEM-213	Demonstrate proficiency on organic chemistry topics from national American Chemical Society (ACS) exams.
CHIN-101	Identify and write a minimum of 170 characters

CHIN-101	Speak and write Mandarin Chinese at the beginning level. It may include, but not limited to, simple verbal and written exchanges about oneself, family and immediate surroundings
CHIN-101	Read and comprehend basic discourse about oneself, family and immediate surroundings in Mandarin Chinese
CHIN-101	Distinguish differences between American and Chinese culture
CHIN-102	Identify and write a minimum of 300 characters
CHIN-102	Speak and write in Mandarin Chinese at a basic/intermediate level. It may include, but not limited to, simple discourse about family, academic work, social interaction and brief descriptions of themselves
CHIN-102	Comprehend simple discourse and read authentic reading materials in Mandarin Chinese
CHIN-102	Distinguish the cultural differences between America and the Chinese-speaking world
CIT-010	Students will demonstrate understanding of basic techniques to create business documents using current Word processing software
CIT-010	Students will demonstrate typing competence by sustaining a typing speed of 30 words per minute for five minutes on a timed typing exercise
CIT-013	Given a detailed description and parts of a mailable business letter in modified block style with mixed punctuation, and description of proofreaders' marks, the student will produce a mailable business letter from a very rough draft of a poorly-written letter with proofreaders' marks
CIT-013	Student will demonstrate typing competence by sustaining a typing speed of 45 words per minute for five minutes on a timed typing exercise
CIT-021	Utilize Word processing software's visual appeal and text formatting capabilities to produce visually enhanced documents
CIT-021	Create a macro that successfully automates two steps in an editing sequence
CIT-021	Using mail merge, create a main document for a company that services a specific business need. Create the associated data source document and the mailing labels for the recipients in the data source document
CIT-021	Apply the correct Word command(s) to solve prompted interactive case scenarios
CIT-031	Given specific words from the Spelling List, student will create a simple, compound, complex sentence
CIT-031	Given a list of sentences, student will identify seven parts of speech
CIT-031	Given the eight parts of speech the student will be able to recognize the correct uses of English grammar
CIT-031	Given a poorly written business report, the student will be able to edit the document to produce a clear and concise written business-related document
CIT-045	Student will demonstrate knowledge of various types of insurance by evaluating patient registration information for billing purposes
CIT-045	Student will demonstrate ability to assign CPT and ICD codes to process an insurance claim form by analyzing a medical record

CIT-048	Student will demonstrate ability in managing appointments by scheduling, rescheduling, and cancelling health care appointments
CIT-048	Student will demonstrate ability in computerized medical record management by entering and updating data in patient's medical records
CIT-050	Given an assignment, the student will demonstrate the ability to describe the process for researching, selecting, and implementing EHR software
CIT-050	Given an example of an Electronic Health Record, the student will demonstrate the ability to evaluate the record and compare and contrast administrative versus clinical applications
CIT-051	Demonstrate basic knowledge of confidentiality and HIPAA regulations
CIT-051	Compare the uses of the EHR system in both physician private offices and hospital settings
CIT-051	Explain the uses of computers in various aspects of the health care delivery system in both the physician and clinic settings, as well as in the hospital setting
CIT-051	Describe the evolution of information technology and its uses in health care management and delivery
CIT-088	Compare Androids and other handheld devices
CIT-088	Use Android Software Development Tools (SDK) and perform penetration testing in an Android environment
CIT-088	Analyze various Android Security issues, and evaluate Android Security Model and pertinent issues with mobile security
CIT-089	Analyze iOS Platform and Security
CIT-089	Evaluate constraints and limitations of the iOS platforms, and how to decrypt iOS Applications
CIT-089	Perform runtime analyses with GDB (GNU Debugger) tools and Cycript
CIT-089	Examine application data storage at runtime and perform disk and file
CIT-090	Students will identify security threats and vulnerabilities, recommend counter measures for such threats; Manage security certificates for various applications in a given network environment
CIT-090	Students will manage applications, data, and host security; Identify access control and account management and apply appropriate security measures as needed
CIT-090	Students will apply risk mitigation techniques and manage security incidents; Develop business continuity and disaster recovery plans
CIT-091	Build simple Local Area Networks (LANs), perform basic configurations for routers and switches, and implement IPv4 and IPv6 addressing schemes.
CIT-091	Demonstrate how to configure and troubleshoot connectivity in a small network using security best practices.
CIT-091	Distinguish between a Router Advertisement (RA) messages and Router Solicitation (RS) messages.
CIT-092	Demonstrate knowledge of password recovery procedures by substituting the unknown password with a known password while keeping all other operational parameters unchanged
CIT-092	Construct an operational network by properly connecting and configuring the lab equipment

CIT-092	Demonstration how to verify connectivity between two networks that are directly connected to a router
CIT-092	Show how to configure secure management access on a switch
CIT-093	Utilize Wide Area Network (WAN) concepts by properly connecting and configuring the lab equipment.
CIT-093	Set up and manage a Network Address translation (NAT) in a network setting.
CIT-093	Set up a virtual network and demonstrate knowledge of virtualization.
CIT-093	Design a network using the concept of Hierarchy in the Borderless Switched Network.
CIT-098	Demonstrate proficiency of skills specified in the measurable objectives
CIT-098	Understand the expectation and value of teamwork
CIT-098	Establish and maintain a positive relationship with employer
CIT-099	Secure Cisco devices using best practices recommendations
CIT-099	Implement AAA on Cisco devices using both local access database and an external Access Control Server (ACS)
CIT-099	Setup Cisco IOS to effectively use firewall and IDS features
CIT-100	Given a business scenario, the student will demonstrate proficiency with graphics presentation software by creating a presentation that effectively communicates the business scenario by incorporating text, graphics, animation, and sound into the presentation
CIT-100	Given a business communications need, the student will demonstrate competence with advanced word processor capabilities by creating a newsletter, brochure, or announcement to meet the communications need
CIT-101	Identify and explain the function of subsystems and components such as CPU, memory, buses, ports, and I/O devices.
CIT-101	Investigate Internet search techniques and compare searches in at least two different search engines.
CIT-101	Apply Excel statistical functions to draw conclusions from a worksheet data. Apply the proper chart type(s) to create visual presentation of specific data series.
CIT-101	Create a database containing two tables with a one-to-many relationship; create a professional report that uses specific statistical analysis and a professional form for this database. Also include at least four different types of queries with specific criteria that answer questions related to data stored in your database.
CIT-102	Produce an effective solution to any system development task by breaking the problem into various phases, developing an individual solution for each part, and merging the parts into a single comprehensive solution.
CIT-102	Use various computer technology software to resolve complex problems in a business.
CIT-102	Analyze and describe emerging technology and the impact of these new technologies in our society as whole.
CIT-103	Identify the global infrastructure components of AWS.
CIT-103	Describe the security and compliance measures of the AWS Cloud, including AWS Identity and Access Management (IAM).
CIT-103	Create a virtual private cloud (VPC) by using Amazon Virtual Private Cloud (Amazon VPC).
CIT-104	Describe what a cloud service provider (CSP) is and the value they bring to computing.

CIT-104	Describe basic security and compliance aspects of the AWS platform and the shared security model. Describe basic or core characteristics of deploying and operating in the AWS Cloud.
CIT-104	Differentiate between on-premises and cloud infrastructure. Identify how to migrate resources from on-premises infrastructure to cloud infrastructure.
CIT-110	Diagnose and correct a Personal Computer hardware malfunction and use the appropriate tools to verify proper hardware operation
CIT-110	Synthesis a plan to diagnose and correct a malfunction resulting from improper installation of hardware peripherals or system components and verify correct operation
CIT-110	Upgrade the Windows Operating System and apply required service packs and patches
CIT-110	Using appropriate security tools, identify the presence of malware in a PC system and remove it
CIT-114	Apply the proper Microsoft Excel functions to produce a budget.
CIT-114	Produce a Microsoft Excel workbook, utilize relative and absolute cell references, and apply a Goal Seek function to achieve specific goals.
CIT-114	Use Excel financial functions to create a loan payment calculator and generate the interest rate schedule for the loan.
CIT-116	Create a database containing at least two tables with a one-to-many relationship; a professional report that uses specific statistical analysis; and a professional form.
CIT-116	Create different types of queries with specific criteria that answer questions related to data stored in a database.
CIT-116	Apply the correct Access command(s) to solve prompted interactive case scenarios.
CIT-118	Critique the effectiveness of a presentation regarding content, layout, and concept communications.
CIT-118	Produce a multi-slide presentation to communicate the described scenario. Employ effective use of pictures, Cliparts, animation, media files, graphic, and external resources to enhance the presentation.
CIT-118	Apply the correct PowerPoint command(s) to solve prompted interactive case scenarios.
CIT-126	The student will demonstrate fundamental understanding of graphic art design – contrast, repetition, alignment and proximity – by redesigning a phone book ad and improving the overall design
CIT-126	Students will demonstrate the ability to create and improve different types of graphic art projects – newsletters, flyers and business card – inside Microsoft Publisher and apply prepackage styles and themes along with saving custom styles and themes
CIT-127	Apply basic computer forensic concepts by utilizing proper investigative procedures.
CIT-127	Evaluate and effectively implement various forensic utilities and software; access, document and evaluate hidden data files.
CIT-127	Prepare a legal report that captures key findings in a forensic investigation utilizing the reporting guidelines.
CIT-128	Upon successful completion of this course, student will set or reset passwords for a user and or group in a Computer system using Linus as its operating system

CIT-128	Students will demonstrate Linux installation skills by creating and maintaining file systems, backup files and restore processes
CIT-128	Upon successful completion of this course, student will install and network configuration Linux, manage system services; perform various security administration, update and maintain a Linux system
CIT-140	Given a business scenario, analyze and design a solution that addresses need/s presented using the five System Development Life Cycle (SDLC) approach.
CIT-140	Examine data and process modeling in a system design.
CIT-140	Explain why documentation is important in each of the SDLC system development system development.
CIT-140	Explain how to incorporate security and manage risk in your all the phases of the SDLC.
CIT-144	Accurately write and pronounce medical terminology.
CIT-144	Identify word roots, prefixes, and suffixes used in medical terminology.
CIT-144	Summarize topics related to diseases, disorders, procedures, and or diagnostic testing.
CIT-155	Differentiate among strategies for business continuity provisioning at the enterprise level
CIT-155	Identify a variety of enterprise-level storage technologies
CIT-155	Implement an application of virtualization
CIT-155	Carry out basic server troubleshooting techniques
CIT-155	Install and update a server operating system
CIT-155	Install hardware components on a server
CIT-155	Write simple linear scripts for systems administration and troubleshooting
CIT-155	Write looping scripts that include compound conditionals for systems administration and troubleshooting
CIT-160	Explain the process of authentication and authorization between end-user devices and network resources
CIT-160	Use a variety of practices for securing end-user systems
CIT-160	Differentiate between public and private data
CIT-160	Differentiate among various techniques for securing a network
CIT-160	Modify a system to improve data confidentiality or regulatory compliance
CIT-215	Students will complete 1-2 page report that demonstrates their knowledge of the main concepts of a relational database. Students will define relational database components, the different types of relationships, and the history of relational database development
CIT-215	Given a common business scenario, students will produce SQL statements to perform database functions such as: creating and inserting data into tables, sorting and grouping data, using nesting queries inside another query, querying multiple tables with special functions like outer joins, setting permissions (security) on database tables, creating a view from one or more tables, and using aggregate, character, number and date functions in SQL
CIT-222	Students gain knowledge and skill, which increases the confidence and self-esteem through the successful completion of an independent study course.

CIT-232	Create and label a diagram of the OSI and TCP/IP layered network models
CIT-232	Using a cable tester determine if cables pass or fail standard tests
CIT-232	Configure a router to meet a given set of requirements
CIT-232	Configure a switch to meet a given set of requirements
CIT-232	Configure a WAP to meet a given set of requirements
CIT-232	Configure a firewall to meet a given set of requirements
CIT-232	Plan a SOHO network to meet a given set of requirements
CIT-232	Use at least one basic network monitoring and troubleshooting tool
CIT-601	At the completion of this course the student will have a basic understanding of basic computer skills as evidenced by the student completing all of the course quizzes
CIT-601	At the completion of this course the student will have developed fundamental skills in using a computer as demonstrated by the student completing all of the assigned lab work
CIT-602	At the completion of this course the student will have a basic understanding of how to use Word as evidenced by the student completing all of the course quizzes
CIT-602	At the completion of this course the student will have developed fundamental skills in using Word as demonstrated by the student completing all of the assigned lab work
CIT-603	At the completion of this course the student will have a basic understanding of how to use Excel as evidenced by the student completing all of the course quizzes
CIT-603	At the completion of this course the student will have developed fundamental skills in using Excel as demonstrated by the student completing all of the assigned lab work
CIT-604	At the completion of this course the student will have a basic understanding of how to use PowerPoint as evidenced by the student completing all of the course quizzes
CIT-604	At the completion of this course the student will have developed fundamental skills in using PowerPoint as demonstrated by the student completing all of the assigned lab work
CIT-605	At the completion of this course the student will have a basic understanding of how to use Outlook as evidenced by the student completing all of the course quizzes
CIT-605	At the completion of this course the student will have developed fundamental skills in using Outlook as demonstrated by the student completing all of the assigned lab work
CIT-606	At the completion of this course the student will have met their skills or knowledge development goal(s) as evidenced by the student signing into the lab.
CIT-619	Given a business scenario, analyze and design a solution that addresses need/s presented using the five System Development Life Cycle (SDLC) approach.
CIT-619	Examine data and process modeling in a system design.
CIT-619	Explain why documentation is important in each of the SDLC system development system development.

CIT-619	Explain how to incorporate security and manage risk in your all the phases of the SDLC.
CIT-620	Construct and send an e-mail with and without attachments
CIT-620	Select a received e-mail and download attachments
CIT-620	Utilize Internet resources to retrieve reliable information
CIT-620	Evaluate the authority and veracity of various information sources online
COMMST-100	Effectively construct and deliver different types of speeches.
COMMST-100	Build complete sentence outlines while integrating scholarly research.
COMMST-100	Design a written and oral assignment focusing on cultural diversity.
COMMST-100H	Effectively construct and deliver different types of speeches.
COMMST-100H	Build complete sentence outlines while integrating scholarly research.
COMMST-100H	Design a written and oral assignment focusing on cultural diversity.
COMMST-100H	Honors: Critically interpret scholarly findings in relation to the communication theories currently being studied through constructing and presenting a written and oral presentation.
COMMST-111	Explain the concepts and theories of interpersonal communication.
COMMST-111	Recognize personal variables (self-concept perception and emotions) and how they impact communication behavior.
COMMST-111	Recognize the impact gender and culture play in communication by participating in activities that are specifically designed to show the differences, followed by group discussion.
COMMST-111H	Explain the concepts and theories of interpersonal communication.
COMMST-111H	Recognize personal variables (self-concept perception and emotions) and how they impact communication behavior.
COMMST-111H	Recognize the impact gender and culture play in communication by participating in activities that are specifically designed to show the differences, followed by group discussion.
COMMST-111H	Honors: Analyze multiple scholarly journals and present findings on a communication studies theory.
COMMST-125	Research, vet for credibility, curate, and critically evaluate digital and traditional source material for argument application.
COMMST-125	Construct a reasonable argument based on sound logic that they will present in both written and oral form.
COMMST-125	Collaborate and present arguments that seek equitable solutions to real-world problems by applying culturally diverse perspectives that challenge and interrogate societal policies and practices.
COMMST-135	Demonstrate their understanding on how the media shapes our perceptions of the world by evaluating both print and broadcast media to assess both commercial and program content
COMMST-135	Demonstrate their understanding of how the media has evolved by examining the history of media and the key role technology has played throughout to bring us to where we are today

COMMST-135	Demonstrate their understanding of how the media not only shapes their view of the world but also reflects the world as we know it by analyzing newspaper, broadcast news and magazine articles
COMMST-140	Display the ability to analyze and address challenges by applying communication competence and team-building skills in small group dynamics.
COMMST-140	Identify, implement, and recognize how to construct coherent, coordinated group presentations utilizing the Panel, Symposium, and Colloquium Forums.
COMMST-140	Create and nurture an equity mindset for diverse cultural perspectives that aid in understanding communication behaviors and practices within small group interactions.
COMMST-174	Design a written assignment focusing on cultural diversity.
COMMST-174	Distinguish between personal communication patterns and constructive conflict management strategies that may occur in intercultural encounters.
COMMST-174	Examine effective communication principles regarding intercultural situations by differentiating between the communication styles of different cultures and ethnic groups.
COMMST-176	Demonstrate their understanding of theories explaining gender differences in communication, by analyzing and applying these theories to the issues surrounding gender differences in relationships, and is demonstrated in either personal journals, exams, and or papers
COMMST-176	Demonstrate their understanding of gender communication patterns by recognizing, discussing, and responding to the impact of gender communication differences within various contexts (such as: family, workplace, schools, etc.), and is demonstrated in either personal journals, exams, and or papers
CONST-600	Explain the apprenticeship requirements and responsibilities for a variety of construction trades.
CONST-600	Discuss common safety hazards on construction sites.
CONST-600	Identify construction practices used to reduce the impact of construction to the environment.
CONST-600	Describe workplace issues in the construction industry such as sexual harassment, stress, and substance abuse.
CS-074	Utilize proper libraries and IDE's (Integrated Development Environment)
CS-074	Formulate an Application Development Document (ADD) and execute a strategy for completing the documents specifications, requirements, and client preference
CS-074	Use development software and third-party libraries to create various digital media at a basic level to use in their application; evaluate and effectively debug various code issues
CS-074	Use industry and open source technologies to publish error free applications
CS-075	Utilize proper HTML, CSS, JavaScript libraries and Integrated Development Environment (IDEs).
CS-075	Formulate a Web Development Document and administer a strategy for completing the documents specifications, requirements, and client preference.
CS-075	Use development software and third-party libraries to create various digital media at a basic level to use in their application.

CS-075	Evaluate and effectively debug various code issues.
CS-076	Utilize proper Android libraries and IDE's (Integrated Development Environment)
CS-076	Formulate an Android-based Application Development Document (ADD) and execute a strategy for completing the documents specifications, requirements, and client preference
CS-076	Use development software and third-party libraries to create various digital media at a basic level to use in their application; evaluate and effectively debug various code issues
CS-076	Use industry and open source technologies to publish error free applications
CS-077	Utilize proper C# libraries and IDE's (Integrated Development Environment)
CS-077	Formulate a C#-based Application Development Document (ADD) and execute a strategy for completing the documents specifications, requirements, and client preference
CS-077	Use development software and third-party libraries to create various digital media at a basic level to use in their application
CS-077	Evaluate and effectively debug various code issues
CS-077	Use industry and open source technologies to publish error free applications
CS-098	Demonstrate proficiency of skills specified in the measurable objectives
CS-098	Understand the expectation and value of teamwork
CS-098	Establish and maintain a positive relationship with employer
CS-100	Formulate a C#-based Application Development Document (ADD) and execute a strategy for completing the documents specifications, requirements, and client preference
CS-100	Use Object-Oriented Programming (OOP) methods
CS-100	Deploy a Test Driven Development (TDD) strategy
CS-102	Formulate a Python-based Application Development Document (ADD) and execute a strategy for completing the documents specifications, requirements, and client preference
CS-102	Use development software and third-party libraries to create various digital media at a basic level to use in their application
CS-102	Evaluate and effectively debug various code issues
CS-102	Read and write data files
CS-102	Use industry and open source technologies to publish error-free applications
CS-110	Apply algorithmic techniques to solve computational problems.
CS-110	Apply the program development process to problems that are solved using fundamental programming constructs and predefined data structures.
CS-110	Compare and contrast the primitive data types; describe how each is stored in memory; and identify the criteria for selection.
CS-110	Differentiate between the object-oriented, structured, and functional programming methodologies.

CS-120	Write a Basic program using Visual Basic.Net algorithms
CS-120	Develop and write program logistics using Visual Basic.Net program-logic and program pseudocode
CS-120	Write, compare and contrast different types of loops
CS-120	Develop a program in object-oriented design; create and manage web projects
CS-120	Design a graphical display of data and develop applications in modular design
CS-130	Apply mathematical induction and other techniques to prove mathematical results
CS-130	Examine the logical validity of arguments and proofs as they apply to Boolean expressions in Computer Science
CS-130	Perform binary and hexadecimal conversions of numbers as they are used in computers
CS-130	Perform computations using recursively defined functions and structures
CS-150	Analyze problem logically and design solution in PHP – use statements of definitions, assignments, functions, branching and iterations.
CS-150	Design and code in object-oriented paradigm vs. the classical procedural paradigm.
CS-150	Use data store, access database management system, access file management system in PHP web programming.
CS-150	Use integrated content management system for dynamic data-driven web application architecture.
CS-150	Utilize web services for a practical web app infrastructure.
CS-170	Describe how numeric data, including negative integers and floating point numbers are represented in computer memory
CS-170	Write simple assembly language program segments
CS-170	Demonstrate how fundamental high-level programming constructs are implemented at the machine level
CS-170	Diagram the basic von Neumann computer architecture
CS-170	Write assembly language routines to handle simple I/O devices
CS-170	Translate simple C++ code into assembly language
CS-190	Implement and analyze the coding of various algorithms.
CS-190	Construct multiple files or multiple modules programming solutions that use class hierarchies, inheritance, and polymorphism to reuse existing design and code.
CS-190	Construct object-oriented programming solutions for reuse, using ADTs and templates that incorporate encapsulation, data abstraction, and information hiding.
CS-190	Create programming solutions that use data structures and existing libraries.
CS-190	Design and develop algorithms utilizing iterative repetitions and recursive repetitions.
CS-215	Produce Java applications with graphical user interfaces (GUI) that incorporate simple GUI controls and handle events; also produce Java console applications, and web applets. Construct Java applications with multiple modules solutions that utilize Object Oriented Programming concepts, class hierarchies, inheritance, and polymorphism to reuse existing design and code
CS-215	Analyze the execution of Java program code and various algorithms

CS-215	Create Java programming solutions that use built-in data structures or programmer defined data structures, and existing libraries
CS-220	Produce advanced VB.NET applications with graphical user interfaces (GUI) that incorporate GUI controls and handle events; along with developing VB.NET web applications. With knowledge of common software testing techniques, verify program correctness through the development of sound test plans and the implementation of comprehensive test cases using unit testing.
CS-220	Construct web based and desktop based VB.NET applications with multiple modules solutions that utilize advanced Object Oriented Programming concepts, class hierarchies, inheritance, interfaces, and polymorphism to reuse existing design and code.
CS-220	Create advanced VB.NET programming solutions for both desktop applications, and web applications that use built-in data structures or programmer defined data structures, MS SQL databases and existing libraries
CS-222	Students will demonstrate increased knowledge of computer science theories and practices as evidenced through a special project approved by a faculty member of the Computer Science Department
CS-265	Analyze the efficiency of recursive algorithms
CS-265	Assess the appropriateness of using recursion to solve a problem
CS-265	Compare and contrast a range of searching and sorting algorithms for time and space efficiencies
CS-265	Create effective, efficient, and secure software reflecting standard principles of software assurance and software engineering
CS-265	Discuss and construct programming solutions using a variety of recursive techniques
CS-265	Design and develop reusable software using appropriate data structures and templates
CS-265	Proactive the tenets of ethics and professional behavior promoted by computing societies; accept the professional responsibilities and liabilities associated with software development
CS-265	Use standard analysis and design techniques to produce a team developed, medium sized, secure software application that is fully implemented and formally tested
CULART-010	Demonstrate how to use a knife and complete the basic knife cuts proficiently
CULART-010	Demonstrate and list the steps in Hazard Analysis Critical Control Point (HACCP) that are necessary to keep and serve food safely
CULART-010	Demonstrate the proper recipe conversions by increasing a recipe using industry-standard tools
CULART-010	Demonstrate how to avoid cross-contamination while working in the kitchen and while working with customers that have food allergies
CULART-010	Demonstrate how to work on each station and the equipment within a commercial kitchen
CULART-011	Demonstrate knowledge of advanced knife cuts
CULART-011	Create one soup from each soup category and serve in the student run laboratory
CULART-011	Create minor sauce from each Mother Sauce

CULART-011	Demonstrate how to operate industry standard equipment
CULART-011	Create dishes from a variety of cultures
CULART-012	Create a menu for a small restaurant; this skill will be demonstrated on a final exam
CULART-012	Model leadership skills throughout the semester
CULART-012	Apply the concept of inventory and have the ability to carry out inventory on a weekly basis
CULART-012	Demonstrate standards from the Health Code
CULART-012	Prepare dishes from a variety of diverse cultures
CULART-040	Design a dessert menu for up to 100 people
CULART-040	Differentiate the various types of baking methods and demonstrate how each method differs
CULART-040	Categorize desserts by the various baking methods
CULART-040	Construct three cakes and apply three different decorating concepts
CULART-041	Create artisan bread using techniques learned in bread making class
CULART-041	Discuss gluten as it pertains to bread during the cooking process
CULART-041	Bake and decorate a cake.
CULART-041	List the five baking formulas that pertain to breads
CULART-041	Demonstrate how to plate desserts for presentation purposes
CULART-041	Prepare breads and pastries from diverse cultures
CULART-042	Create mirror glazes and discuss what type of cakes work best for this technique.
CULART-042	Demonstrate the various techniques of cake decorating
CULART-042	Learn to work with fondant
CULART-042	Prepare a birthday cake for a potential customer
CULART-043	Demonstrate how to create a sugar sculpture
CULART-043	Demonstrate the proper technique for tempering chocolate
CULART-043	Demonstrate how to properly plate an elegant dessert
CULART-043	Demonstrate how to properly create a filling for chocolates
CULART-044	Demonstrate scaling and ingredients, and how each ingredient works with the other
CULART-044	Compare and contrast the use of combination ovens versus conventional ovens in commercial kitchens
CULART-044	Create a culturally diverse dessert menu for 50
CULART-044	Define the various baking terms
CULART-050	Demonstrate correct portion size and plate set up for a healthy balanced meal
CULART-050	Create a healthy menu using concepts learned in class
CULART-050	Identify allergen equipment and follow sanitation and safety rules and regulations while preparing food for customers with allergies
CULART-050	Utilize the proper non allergen foods in place of allergen foods for clients with modified diet needs

CULART-050	Utilize plant-based cooking principles
CULART-050	Identify food choices within various cultures and how to prepare healthy foods from each culture
CULART-080	Design and customize menus to the needs of the customer
CULART-080	Define goals and objectives when opening a catering company
CULART-080	Construct contracts that will protect the customer as well as the catering company providing the service
CULART-080	Develop plans for off- premise and on-premise catering events which would include staffing, transportation of products, ordering, storing and preparing the food as well as the clean up phase
CULART-098	Demonstrate proficiency of skills specified in the measurable objectives
CULART-098	Understand the expectation and value of teamwork
CULART-098	Establish and maintain a positive relationship with employer
CULART-161	List the names of the equipment that is used in a commercial kitchen
CULART-161	Demonstrate the ability to prepare vegetables three ways
CULART-161	Recite the proper techniques used for preparing, ordering, and receiving a large quantity of food for a given number of people
CULART-201	Complete a feasibility study
CULART-205	Recite the 10 rationalizations for proper plating
CULART-205	Prepare a culturally responsive menu for a pop-up restaurant.
CULART-205	Create well designed plates for restaurant table service or buffet set ups.
CULART-225	List the seven areas of HACCP plan
CULART-225	Explain in an exam how to store food safely
CULART-225	Recall various food borne illnesses and what causes the bacteria
CULART-240	The student will identify and recite the different types of purchasing on a written exam
CULART-240	The student will recall on a final exam the different types of technology used in purchasing
CULART-240	The student will define and recall on a written exam the purchasing function
CULART-240	The student will recite on a final exam how they will store products for maximum quality
CULART-250	Explain the optimal quantity, price, and standard specifications of ordering.
CULART-250	Restate the importance of building relationships between suppliers and business operators.
CULART-250	Explain how to receive and store produce for maximum quality.
DANCE-100	Explain development of dance throughout its history in Europe, Africa, Asia, and the U.S. from ancient times to the present
DANCE-100	Identify and analyze significant historical events in dance and their relation to other art forms as well as socio-cultural developments
DANCE-100	Identify an aesthetic of dance based off of the larger historical framework, and distinguish between dance appreciation, understanding, and personal preferences

DANCE-100	Create, compare, and revise a definition of dance
DANCE-100	Compare and contrast the cultural and historical context of various ritual, recreational, and theatrical dance practices
DANCE-101A	Demonstrate a specific modern dance warm up techniques by performing exercises designed to warm up the large muscle groups, raise body temperature, and increase pulse rate which collectively prepares the body to move
DANCE-101A	Demonstrate a basic modern dance movement, technique, and terminology
DANCE-101B	Demonstrate a specific modern dance warm-up techniques by performing exercises designed to warm up the large muscle groups, raise body core temperature, and increase pulse rate which collectively prepares the body to move
DANCE-101B	Demonstrate comprehension of fundamental modern dance vocabulary by responding appropriately to the instructor's cues
DANCE-101B	Integrate modern dance expression with their personal voice, comprehensive modern dance movements, and phrases studied throughout the semester
DANCE-101B	Demonstrate their own "voice" in dance by the performance of a short (1-2 minute) composition
DANCE-102A	Demonstrate dance traditions by identifying elements essential for making modern dance "modern"
DANCE-102A	Demonstrate major dance styles by articulating styles, falls, recoveries and turns
DANCE-102A	Demonstrate an increased body awareness and improved alignment
DANCE-102A	Demonstrate coordination of body and mind orientation
DANCE-102B	Demonstrate and discuss dynamic alignment
DANCE-102B	Show an intermediate/advanced range of movement in the kinesphere
DANCE-102B	Demonstrate more improvement in felxibility, strength, and endurance
DANCE-102B	Demonstrate intermediate/advanced improvisational skills in group work
DANCE-102B	Demonstrate intermediate/advanced modern dance falls, recoveries, and multiple turns
DANCE-102B	Show a personal movement "voice" through short compositional collaborations and/or improvisation which is intermediate/advanced dance appropriate
DANCE-103A	Demonstrate proper alignment and placement of the body at the barre by executing four foot positions: pied a terre; pointe a terre; half-toe; and pionte en l'air.
DANCE-103A	Demonstrate the five positions of the arms in arabesque movement
DANCE-103A	Apply the principles of correct breathing by executing proper breath control during positions
DANCE-103B	Demonstrate proper alignment and placement of the body at the barre by executing five-foot positions; pointe a terre, half-toe, and pointe en l'air
DANCE-103B	Demonstrate the five positions of the arms in arabesque movement
DANCE-103B	Demonstrate eight ballet body positions
DANCE-103B	Demonstrate beginning/intermediate ballet terminology and technique
DANCE-105A	Apply the principles of musical compostion, as it pertains to dance, including but not limited to concepts of dynamics, phrasing, accents, syncopation, beat, rhythm and counting

DANCE-105A	Perform jazz dance technique appropriate to the beginning level, including but not limited to battements, hitch kicks, turns, floor work, locomotor movement, and aerial work
DANCE-105A	Demonstrate combinations taught in class with stylistic variety, rhythmic and spatial interest and integrity of performance
DANCE-105A	Use jazz dance terminology effectively and correctly
DANCE-105B	Apply the principles of musical composition, as it pertains to dance, including but not limited to concepts of dynamics, phrasing, accents, syncopation, beat, rhythm and counting
DANCE-105B	Demonstrate combinations taught in class with stylistic variety, rhythmic and spatial interest, and integrity of performance
DANCE-105B	Perform jazz dance techniques appropriate to the beginning/intermediate level, including but not limited to battements, hitch kicks, turns, floor work, locomotor movement and aerial work
DANCE-105B	Identify jazz vocabulary terms and perform their techniques correctly
DANCE-106A	Demonstrate combinations taught in class with stylistic variety, rhythmic and spatial interest, and integrity of performance at the intermediate level
DANCE-106A	Demonstrate jazz dance technique appropriate to the intermediate level, including but not limited to battements, multiple turns, floorwork, locomotor movement, and aerial work
DANCE-106A	Demonstrate growth in flexibility, strength, endurance and body control at the intermediate level
DANCE-106A	Demonstrate proper practices for injury prevention and care
DANCE-106A	Perform a given combination of at least 8 phrases or 64 counts in length
DANCE-106B	Demonstrate combinations taught in class with stylistic variety, rhythmic and spatial interest, and with integrity of performance consisting of at least 8 phrases or 64 counts
DANCE-106B	Demonstrate and perform jazz dance technique appropriate to the intermediate/advanced level, including but not limited to battement variations, multiple turns, complex floorwork, locomotor movement, and aerial work
DANCE-106B	Critique peer performance and evaluate personal progress
DANCE-106B	Choreograph and perform a combination of 10 phrases or 80 counts
DANCE-106B	Distinguish existing connections between Jazz dance and Modern dance techniques
DANCE-107X2	Students will be able to perform the shuffle, flat toe, ball change, draw backs, soft shoe, cramp roll and basic break
DANCE-107X2	Students will be able to discuss Tap moves including ball change, bells, chug, flap, break, shuffle, clicks, heel drop, paddle turn, time step and trenches
DANCE-114X4	Assess technical needs for a dance recital, and prepare the staging area
DANCE-114X4	Compose an original dance, then alter it based upon feedback
DANCE-206X4	Articulate the importance of multiple facets of a dance production: marketing, budget, lighting, set design, costuming, makeup, and technical directions to stage personnel.

DANCE-206X4	Coordinate a live dance production that incorporates the facets of marketing, budget, lighting, set design, costuming, makeup, and technical directions to stage personnel.
ECON-100	Students will demonstrate their knowledge of what causes price and quantity sold in markets to change by drawing supply and demand curves depicting a market, showing correct shifts in curves, and correctly identifying what causes change in markets
ECON-100	Students will be able to evaluate National monetary and fiscal policy changes by correctly using economic models, and identifying the impact these policies have on employment, output and prices
ECON-200	Critically evaluate current macroeconomic policy measures related to federal tax or government spending policy and trace through the implications of the policy in terms of the predicted impacts on Gross Domestic Product, the federal budget, national employment, and overall inflation (using standard tools of aggregate and aggregate supply analysis).
ECON-200	Find recent moves by the U.S. Federal Reserve Bank, Open Market Committee, and state whether those actions are designed to change the money supply.
ECON-200H	Critically evaluate current macroeconomic policy measures related to macro-economic policy. They will be able to pick a current newspaper article on federal tax or government spending policy and trace through the implications of the policy in terms of the predicted impacts on Gross Domestic Product, the federal budget, national employment, and overall inflation (using standard tools of aggregate and aggregate supply analysis). This analysis would be in the form of a brief review of the article, citing the items above.
ECON-200H	Find recent moves by the U.S. Federal Reserve Bank, Open Market Committee, and state whether those actions are designed to change the money supply. Students will write a brief summary to analyze the monetary authority's recent actions in terms of the intended impact on overall interest rates, national output, employment, and price stability.
ECON-200H	Honors: Utilize economic theory to model an economic or social problem, develop interesting hypotheses, and examine the empirical validity of the model and hypotheses using suitable data and economic modeling methods. The model may pertain to contemporary economic issues or to issues in economic history or the history of economic thought. The model itself need not be original; the innovative contribution may instead lie in examining it with new bodies of data, or demonstrating the model with new media. This product will be formatted and presented to the class as the semester class project. Also a properly cited research paper will be delivered utilizing 6 authoritative resources.
ECON-201	Demonstrate knowledge of how equilibrium price is determined by market forces using supply and demand diagrams. Show how changes in market forces can be expressed as a shift in either the supply or demand curve. Target a specific market (for example: gasoline, coffee, or airline tickets). Consider likely events that will change the market equilibrium. For each case draw a graph and show whether demand or supply will shift. Show also the effect on the equilibrium price and quantity

ECON-201	Given information about the demand schedule of a Monopolistic firm and a simple cost structure, student will draw a graph showing demand, marginal revenue, and marginal cost. Students will show the monopoly profit-maximizing output and price in the graph. Then, a brief explanation of why monopolists do not produce a socially desired level of output should be made by reference to the graph
ECON-201	List two distinct markets that exist on their college campus (groups of workers that are not easily substituted for one another). Identify the characteristic (such as a specific skill) that makes each labor market unique. Students will formulate the Marginal Revenue Product of Labor theory to suggest two good reasons for pay differences of the labor groups (occupations) they cite
ECON-201H	Demonstrate knowledge of what causes price and quantity sold in markets to change, by drawing supply and demand curves depicting a market, showing correct shifts in curves, and correctly identifying what causes changes in markets. Student will distinguish between the income effect and the substitution effect of a given price change in a market for a specific commodity.
ECON-201H	Distinguish between economic concepts of total, average and marginal valuations, in evaluating and optimizing the operation of a business, given specific information on the cost structure and revenue generation for a given market environment. The student will draw average and marginal cost and revenue schedules to summarize the profit-maximizing level of output for a competitive firm, given tabular data that summarizes the business environment. In addition, describe how the market structure changes in the case of a monopolistically competitive firm.
ECON-201H	Analyze and evaluate asymmetric markets, specifically giving an example of the principal agent problem and outlining how the market is impacted in the case of the housing market.
ECON-208	Utilizing sample data, the student will test a hypothesis concerning a claimed value for a population parameter (a population mean or a proportion). With the sample data collected, the student will test a claim about the hypothesized value by computing sample statistics and compare them to the hypothesized values in such a way as to reach a valid conclusion about the initial hypothesis (to state whether or not the sample data lend support to the initial hypothesis)
ECON-208	Given a set of numerical data, students should be able to assess which measure of central tendency (the mean, the median, or the mode) is most appropriate to represent a given measured characteristic of a population
EDUC-200	Examine the professional standards, ethics, and pathways for K-12 teachers in California and beyond.
EDUC-200	Explore the socio-political and historical foundations of schooling in the United States.
EDUC-200	Identify the elements of effective equity-oriented pedagogical practices with diverse student populations.
ELEC-021	Interpret and translate architectural, electrical, HVAC, and building blueprints to convey information about their respective layouts
ELEC-050	Describe multiple sustainable energy systems and how they are designed to support ZNE Buildings
ELEC-050	Describe best practices in designing and selecting an HVAC system for optimum performance on a ZNE building and title 24 requirements

ELEC-050	Explain sustainable design strategies used to improve the energy efficiency of a building
ELEC-050	Differentiate the thermal properties of common building materials
ELEC-050	Describe the thermal performance of different wall assemblies
ELEC-050	Compare best practices in building construction for energy conservation and Title 24 requirements
ELEC-050	Exhibit effective written, oral communication and interpersonal skills
ELEC-091	Recognize the steps needed to obtain Industry Certification in Solar Storage Franklin Battery System, IronRidge Racking and NABCEP (North American Board of Certified Energy Practitioner) Practice Exam Certification.
ELEC-091	Analyze, explain, and identify primary and auxiliary photovoltaic (PV) components. Select the proper tools and equipment to use in both commercial and residential solar photovoltaic (PV) wiring and troubleshoot problems if necessary using the current National Electrical Code book
ELEC-091	Analyze and correct any problems on these different photovoltaic systems and then perform an operational checkout to determine if the problem is fixed
ELEC-101	Will be able to read and understand a relay logic diagram as well as ladder logic diagrams and understand all switch symbols as well as device symbols used in control circuits and systems
ELEC-101	Will be able to explain the function of Ladder Logic diagrams and how to interface the switches, sensors, and field devices with the PLC I/O terminals
ELEC-101	Will be able to be able to calculate and explain mechanical advantage of a mechatronics system comprised of chains and sprockets, belts and pulleys, gears, and fluid power components
ELEC-215C	Construct and troubleshoot hydraulics/pneumatics systems utilized in industrial automations applications
ELEC-215C	Identify and correct faults in all components within the hydraulics/pneumatics system including sensors and actuators of all types
ELEC-216C	Students will demonstrate their ability to correctly analyze, explain, and identify specific electrical circuits from blueprints using the code book and select the proper tools and equipment to use in both commercial and residential wiring and troubleshoot problems if necessary using the current National Electrical Code book. Students will troubleshoot and correct any problems on these different systems and then perform an operational checkout to determine if the problem is fixed with 100% accuracy and pass a written exam with a minimum score of 70%.
ELEC-217C	Students will demonstrate their ability to correctly explain, and apply the general principles of AC and DC motors and generators using the proper technical data and pass with a minimum score of 70%
ELEC-217C	Students will demonstrate their ability to disassemble and assemble different types of electric motors and troubleshoot any malfunctions in accordance with the proper maintenance manuals to determine if the problem is fixed with 100% accuracy
ELEC-217C	Students will watch a safety video and then demonstrate to each other how to properly use the personal protective equipment and safely complete the semester having maintained student safety with no student injuries

ELEC-218C	Students will demonstrate their ability to correctly explain the common functions and operation of a DC motor and apply the general principles to drum switches and electronic programmable controllers in accordance with the correct technical reference data and pass a written exam with a minimum score of 70%
ELEC-218C	Students will demonstrate their ability to discuss and interpret the general starting methods of AC induction motors the solid state methods used in motor controls using the proper technical data and pass a written exam with a minimum score of 70%
ELEC-218C	Students will demonstrate their ability to construct ladder diagrams, program these electric control circuits and troubleshoot any problems encountered using the proper technical data to determine if the problem is fixed with 100% accuracy
ELEC-219C	Student will demonstrate the ability to concept of functions, limits and continuity
ELEC-219C	Students will demonstrate the ability to apply differentiation rules or integration techniques to algebraic functions
ELEC-219C	Students will demonstrate the ability to use derivatives or integrals to solve problems involving business or economic concepts
ELEC-219C	Students will demonstrate the ability to differentiate or integrate exponential and logarithmic functions
ELEC-606	Describe the basics of PLC Programming
ELEC-606	Discuss the fundamentals PLC wiring diagram and ladder logic program
ELEC-606	Demonstrate the use of SLC 500/Logix-Pro Simulator
ELEC-607	Describe the Code-making process, structure, and format of the NEC
ELEC-607	Discuss the overcurrent protection for conductors, motors, and transformers
ELEC-607	Demonstrate the importance of grounding in Electrical System Installation
ELEC-608	Discuss the fundamentals of Electronic Communication Systems
ELEC-608	Describe the principles of AM, FM, SSB/ISB, and Television Transmitters and Receivers
ELEC-608	Demonstrate the applications of Communication Systems by building an AM and FM receivers
ELEC-609	Describe the various types of Antenna Systems
ELEC-609	Discuss and describe different types of wave propagation
ELEC-609	Demonstrate how Wireless Communication System works by constructing an antenna
ELEC-621	Interpret and translate architectural, electrical, HVAC, and building blueprints to convey information about their respective layouts
ELEC-650	Describe multiple sustainable energy systems and how they are designed to support ZNE Buildings
ELEC-650	Describe best practices in designing and selecting an HVAC system for optimum performance on a ZNE building and title 24 requirements
ELEC-650	Explain sustainable design strategies used to improve the energy efficiency of a building
ELEC-650	Differentiate the thermal properties of common building materials
ELEC-650	Describe the thermal performance of different wall assemblies

ELEC-650	Compare best practices in building construction for energy conservation and Title 24 requirements
ELEC-650	Exhibit effective written, oral communication and interpersonal skills
ELECTR-098	Demonstrate proficiency of skills specified in the measurable objectives
ELECTR-098	Understand the expectation and value of teamwork
ELECTR-098	Establish and maintain a positive relationship with employer
ELECTR-110	Students will demonstrate their ability to correctly recognize various components and circuits in direct current circuits and use calculator techniques to solve assigned problems using the proper technical data references and pass a written exam with a minimum score of 70%
ELECTR-111	Students will demonstrate their ability to correctly use common pieces of test equipment to measure voltage, current, continuity, and polarity in series, parallel, and series-parallel direct current circuits and pass with a minimum score of 70%
ELECTR-111	The students will be able to demonstrate their ability to identify common electrical components, physical description and schematic diagram symbols and correctly determine a resistor's ohmic value with a minimum passing score of 70%
ELECTR-111	Students will turn in their completed laboratory experiments in an appropriate binder with all assigned laboratory experiments completed and with conclusions written in clear and specific terms with a minimum score of 70%
ELECTR-115	Students will demonstrate their ability to correctly recognize various components and circuits in alternating current circuits and use calculator techniques to solve assigned problems using the proper technical data references and pass a written exam with a minimum score of 70%
ELECTR-116	Students will demonstrate their ability to correctly use various pieces of common test equipment and using the proper technical reference data and schematic diagrams describe the use of these pieces of test equipment complete a written exam and pass with a minimum score of 70%
ELECTR-116	The students will be able to describe the principles and layout of QT board and using schematic diagrams, properly connect the laboratory assigned circuits on it with a minimum 70% accuracy
ELECTR-116	Students will successfully complete the semester having maintained student safety with no student injuries
ELECTR-155	Draw electronic schematics and related mechanical enclosures, using Computer Aided Design (CAD) tools for schematic capture, circuit simulation and documentation, including bill of materials and net-lists
ELECTR-155	Reverse-engineer all aspects of an existing printed circuit board (PCB) circuit, with intention of subsequent, improved redesign, layout, fabrication, and assembly, including a full electronic documentation package to support Gerber-file export to a professional PCB fabrication company
ELECTR-155	Capture and simulate given electronic circuits, adjust circuit operational parameters as directed; then, modify the original design and include a mix of "through-hole" (TH), "surface-mount technology" & devices (SMT/SMD), and one external connector, onto a completely fabricated PCB; assembled it; then, make it function according to the adjusted parameters of the simulation

ELECTR-220C	The students will demonstrate competency by successfully passing the Federal Communications Commission General Radiotelephone Operator License examination with a minimum score of 75%
ELECTR-230	Students will demonstrate their ability to correctly analyze, explain, and identify various semiconductor devices and solve biasing characteristics in specific amplifier circuits from schematic diagrams using the proper technical reference manuals and pass a written exam with a minimum score of 70%
ELECTR-235	Students will demonstrate their ability to correctly analyze, explain, and calculate various values in semiconductor circuits and solve biasing characteristics in specific amplifier circuits from schematic diagrams using the proper technical reference manuals and pass a written exam with a minimum score of 70%
ELECTR-235	Students will demonstrate their ability to design and construct single and multi-stage semiconductor circuits and analyze waveform characteristics in specific amplifier circuits from schematic diagrams and troubleshoot if necessary using the proper technical reference manuals and then perform an operational checkout to determine if the problem is fixed with 100% accuracy
ELECTR-250C	Students will demonstrate their ability to explain the fundamental operation and major components of AM and FM transmitters & receivers by drawing block diagrams of these transmitters and receivers and correctly labeling the components and showing appropriate signal flow with 100% accuracy
ELECTR-250C	Student will describe the operation of oscillators and the concepts of modulation and demodulation in AM, FM, pulse, phase and digital oscillator circuits by drawing block diagrams of each of the five modulator and demodulator circuits and correctly labeling each type of the oscillator circuits and show the appropriate signal flow and pass a written exam with a minimum score of 70%
ELECTR-250C	Students will demonstrate their ability to relate radio wave propagation to antenna design by drawing representations of antenna design showing radio wave propagation and correctly labeling the antenna design with the expected radio wave propagation with 100% accuracy
ELECTR-255C	Students will demonstrate their ability to use the telephony wire color code, technical data and specialty tools to wire a single line phone system and perform an operational checkout to determine is the system is working correctly with 100% accuracy
ELECTR-255C	Student will define the terms related to bandwidth and signal transmission of modems, DSL, fiber optic cables, and ISDN in the physical layer and OSI by drawing these waveforms of bandwidth and signal transmission for each one and pass a written exam with a minimum score of 70%
ELECTR-255C	Students will demonstrate their ability to determine the problems encountered and methods of solving single line phone system problems by evaluating the readings taken based on technical data correct the problem and perform an operational checkout to determine if the problem is fixed with 100% accuracy
ELECTR-257C	Students will demonstrate their ability to correctly explain, read and interpret aircraft electrical schematics for troubleshooting purposes using the proper technical data and pass with a minimum score of 70%

ELECTR-257C	The students will be able to demonstrate their ability to identify common avionic components, properly inspect, install and run operational checks on these avionics systems components in accordance with the proper maintenance manuals to determine if the problem is fixed with 100% accuracy
ELECTR-265	Students will demonstrate their ability to correctly analyze, explain, and recognize various logic devices in digital logic circuits and simplify circuits from schematic diagrams using the proper technical reference manuals and pass a written exam with a minimum score of 70%
ELECTR-265	Students will demonstrate their ability to design and construct single and multi-stage digital circuits and analyze waveform characteristics in specific amplifier circuits from schematic diagrams and troubleshoot if necessary using the proper technical reference manuals and then perform an operational checkout to determine if the problem is fixed with 100% accuracy
ELECTR-266	Students will demonstrate their ability to interpret various microprocessor circuits and using the proper logic diagrams, address the microprocessor memory registers with 100% accuracy
ELECTR-266	Students will demonstrate their ability to correctly explain and describe the difference in microprocessor components by physically separating them into their various operational characteristics and pass a written exam with a minimum score of 70%
ELECTR-266	Students will evaluate waveform readings taken on the proper test equipment and based on the technical data determine a proper solution to the problem using the proper test equipment and perform an operational checkout with 100% accuracy
ELECTR-270	Students will demonstrate their ability to interpret various amplifier circuits and using the proper technical reference data and diagrams, determine the correct fix to the various problems associated with these amplifiers and pass a written exam with a minimum score of 70%
ELECTR-270	Using the correct technical and reference data, the students will be able to evaluate and describe the principles and characteristics of operational amplifiers in various amplifier configurations with 100% accuracy
ELECTR-270	Students will troubleshoot various amplifier circuit problems using the proper test equipment and based on the technical data determine a proper solution to the problem and perform an operational checkout with 100% accuracy
ELECTR-280C	Identify, explain, define and analyze computer systems, memory, and assemblies in accordance with the proper technical data manuals
ELECTR-280C	Analyze, install and configure components and work with hardware and software diagnostics in stand-alone computers and local area networks using the proper technical data manuals to determine if the problem is fixed
ELECTR-290C	The students will select and use the correct technical data and reference materials to organize and classify robotic controls, and hardware and software and will pass a written examination with a minimum score of 70%
ELECTR-290C	Students will demonstrate their ability to describe, assemble and compare different robotic applications including robot vision by using the correct reference materials of a minimum of three robotic applications with 100% accuracy
ELECTR-600	Solve simple DC electrical circuits' total resistance, current flow, voltage drops and power

ELECTR-600	Solve problems in complex electrical circuits powered by two or more voltage sources
ELECTR-600	Describe the basic principles of the different types of DC motors
ELECTR-600	Pass the DC BASICS of the Associate C.E.T. (Certified Electronics Certification Competencies)
ELECTR-601	Analyze, describe and solve AC electrical circuits: impedance, current, voltages, phase relationships, and power
ELECTR-601	Analyze, describe and solve problems related to transformers and AC motors
ELECTR-601	Pass the AC Basics - of the Associate C.E.T. Basic Electronics Certification Competencies.
ELECTR-602	Solve problems on semiconductors and solid-state devices principles and operation
ELECTR-602	Describe linear integrated circuits
ELECTR-602	Pass the Analog Basics - of the Associate C.E.T. Basic Electronics Certification Competencies
ELECTR-603	Identify logic gates and flip flops
ELECTR-603	Solve the different number systems and their conversions
ELECTR-603	Simplify and describe logic circuits
ELECTR-603	Identify memory circuits (ROM, RAM and their families)
ELECTR-603	Pass the Digital Basics - of the Associate C.E.T. Basic Electronics Certification Competencies
ELECTR-604	Identify the different circuit wires and cables
ELECTR-604	Identify motors and generators and their controls
ELECTR-604	Pass the Comprehensive Electronics Basics - of the Associate C.E.T. Basic Electronics Certification Competencies
ELECTR-620	Terminate 4-pair network cables using standard RJ-11, RJ-14, and RJ-45 male and female jacks
ELECTR-620	Configure and install networking devices in a local area network using standard networking tools
ELECTR-620	Configure and build a wired local area network including an ethernet connected router
ELECTR-620	Configure and build a wireless local area network including a wireless connected router
ELECTR-621	Configure and install smart security devices using standard cables as prescribed in the manufacturers' technical manuals
ELECTR-621	Configure the connectivity and control of routers, network switches and panels, bridge and hub, and smart door monitor and access control
ELECTR-621	Program the functionality of the following digital voice assistants apps: HomePod, Google Home, and Alexa, using both iOS and Android mobile devices
ELECTR-621	Perform final control procedures using smartphone, tablet, or touch-screen computer or laptop and validate test results according to the smart devices technical, testing and operating procedures
ELECTR-622	Configure and install smart environmental controls devices using the technical, operating, and installation procedures outlined in the manufacturers' manuals
ELECTR-622	Configure connectivity and control of bridges and hubs, smart lights/bulbs, smart thermostats, smart plugs and switches, smart HVAC, and smart carbon monoxide/smoke detectors

ELECTR-622	Program the functionality of the following digital voice assistant apps: HomePod, Google Home, Alexa, and Nest, using both iOS and Android mobile devices
ELECTR-623	Configure and install smart home entertainment controls and devices using technical, operating, and installation procedures outlined in the manufacturers' manuals
ELECTR-623	Configure connectivity and control of bridges and hubs, smart televisions, smart audio amplifiers, smart lights/bulbs, smart plugs and switches, and smart surround sound speaker systems
ELECTR-623	Program the functionality of various digital voice assistant apps using both iOS and Android mobile devices
ELECTR-623	Perform final control procedures using smartphone, tablet, or touch-screen enabled computer or laptop and validate results according to the smart devices technical, installation, testing, and operating procedures.
ENGL-015	Compose clear and effective sentences within the context of paragraph and essays, relatively free of major grammatical, spelling, and punctuation errors
ENGL-015	Compose coherent and unified expository essays that sufficiently support a thesis statement
ENGL-015	Accurately identify main ideas and supporting evidence in written texts and infer meaning from those texts
ENGL-086	Students will employ strategies to effectively read and understand college level texts
ENGL-086	Students will employ strategies to effectively plan, write and document college essays
ENGL-086	Students will be able to find personal relevance in assignments, manage time to complete assignments, and recognize writing as a learning process
ENGL-087	Students will understand fundamentals of English, including parts of speech, rules of grammar and punctuation
ENGL-087	Students will employ strategies to build their vocabulary for successful college level reading and writing
ENGL-087	Students will understand rhetorical fundamentals, including locating and articulating a main point in a text and relating textual examples/evidence to argument/claim
ENGL-087	Students will employ strategies to effectively plan, write and document college essays
ENGL-087	Students will be able to find personal relevance in assignments, manage time to complete assignments, and recognize writing as a learning process
ENGL-101	Read multicultural college-level texts for main ideas, support, style, and tone.
ENGL-101	Write college-level essays with a well-supported and clearly defined thesis demonstrating focus, employ various rhetorical modes, and make writing decisions based on a diverse academic audience.
ENGL-101	Write a research paper correctly documenting sources in Modern Language Association (MLA) format.
ENGL-101H	Read multicultural college-level texts for main ideas, support, style, and tone.
ENGL-101H	Write college-level essays with a well-supported and clearly defined thesis demonstrating focus, employ various rhetorical modes, and make writing decisions on audience.
ENGL-101H	Write a research paper correctly documenting sources in Modern Language Association (MLA) format
ENGL-101H	Honors: Read full-length works of literature and write a well-supported analytic and critical essays of those works

ENGL-102	Students will write argument papers that avoid logical fallacies
ENGL-102	Students will demonstrate critical thinking skills by analyzing, contrasting and evaluating a variety of texts (including literary texts)
ENGL-102	Students will locate, organize, evaluate, integrate and document, in MLA citation format, a variety of sources into a research paper
ENGL-102H	Students will write argument papers that avoid logical fallacies
ENGL-102H	Students will demonstrate critical thinking skills by analyzing, contrasting and evaluating a variety of texts (including literary texts)
ENGL-102H	Students will locate, organize, evaluate, integrate and document, in MLA citation format, a variety of sources into a research paper
ENGL-122	Students will understand and apply journalism ethics and responsibilities in their writing
ENGL-122	Students will know how to conduct interviews and to write clear, concise, objective, and accurate news stories, features, and editorials/reviews
ENGL-122	Students will effectively lay out and produce newspapers
ENGL-123	Students will understand and apply journalism ethics and responsibilities in their writing
ENGL-123	Students will know how to conduct interviews and to write clear, concise, objective, and accurate news stories, features, and editorials/reviews
ENGL-123	Students will effectively lay out and produce newspaper
ENGL-123	Students will demonstrate basic editorial leadership, including planning for future issues, determining best format for stories, and understanding how to assign reporters
ENGL-125	Students will collaboratively create an editorial policy for fiction, poetry, essay and art that demonstrates an understanding of those forms and the values used in deciding merit.
ENGL-125	Students will collaboratively design magazine format, including such elements as choice of fonts, layout of elements and placement of works that demonstrates an integrated sense of design.
ENGL-125	Students will perform all pre-press tasks including scanning/typesetting, formatting, computerized layout, and proofreading to complete magazine.
ENGL-140	Students will be able to develop an analytical essay identifying literary characteristics of a piece of "hard" and "soft" science fiction
ENGL-140	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of science fiction
ENGL-140	Students will write essays proficient in MLA citation technique
ENGL-141	Students will be able to develop an analytical essay identifying literary characteristics of a piece of Noir Fiction
ENGL-141	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of mystery fiction

ENGL-141	Students will write essays proficient in MLA citation technique
ENGL-151	Students will be able to discuss, interpret and evaluate literary texts in relation to the elements of fiction, poetry and drama
ENGL-151	Students will be able to discuss, interpret and evaluate literary texts in relation to their cultural, historical and aesthetic contexts
ENGL-151	Students will be able to write analytic and interpretive papers that utilize literary theories and critical conventions and which document both primary and secondary sources according to MLA citation requirements
ENGL-151H	Students will be able to discuss, interpret and evaluate literary texts in relation to the elements of fiction, poetry and drama.
ENGL-151H	Students will be able to discuss, interpret and evaluate literary texts in relation to their cultural, historical and aesthetic contexts
ENGL-151H	Students will be able to write analytic and interpretive papers that utilize literary theories and critical conventions and which document both primary and secondary sources according to MLA citation requirements
ENGL-153	Students will be able to identify elements of fiction, drama and film and evaluate their employment in the adaptation of literature to film.
ENGL-153	Students will appreciate the ethnic, cultural, social, economic and historical foundations of literary works and films and understand and evaluate their influences on the writing, adaptation and reception of those works.
ENGL-161	Students will identify, discuss, and explain themes, critical issues, and social concerns specific to women's literature
ENGL-161	Student will write essays which critically analyze and explicate poetry, drama, prose, and essays in their historical, literary, and social contexts specific to women's literature
ENGL-163	Critically analyze, discuss, and explain themes, cultural issues, and social concerns specific to Chicano literature
ENGL-163	Develop a MLA documented essay which critically analyzes and explicates novels, short stories, poetry, and essays in their literary, historical, and social contexts
ENGL-163	Critically analyze how struggle, resistance, racial and social justice, solidarity and liberation as experienced by Chicanos in literature are relevant to current and structural issues such as national politics, immigration and social protest
ENGL-165	Identify, explain and discuss themes, cultural issues, and social concerns specific to African-American Literature
ENGL-165	Write coherent essays which critically analyze novels, short stories, poetry, and essays in their literary, historical and social contexts
ENGL-165	Critically analyze how struggle, resistance, racial and social justice, solidarity and liberation as experienced by African-Americans are relevant to current and structural issues such as national politics, reparations and social protest
ENGL-175	Upon reading a passage of scripture, the student will recognize euphemism and other figures of speech, analyze their impact on the composition, and write a coherent essay explaining the literary merit of their use.

ENGL-175	The student will identify and classify types of parallelism found in biblical poetry, and justify in writing their use in conveying the theme of a passage of scripture.
ENGL-224	Independent study courses create unique SLOs given project and course contract
ENGL-232	Analyze a story and poem by identifying the elements of fiction or poetry and explaining and evaluating the effects of these techniques.
ENGL-232	Use the elements of fiction and poetry to produce a story and poem which demonstrates ability to strategically use those elements.
ENGL-260	Students will be able to develop an analytical essay identifying literary characteristics of a piece of American Literature from its beginnings to 1865
ENGL-260	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of American Literature from its beginnings to 1865
ENGL-260	Students will write essays proficient in MLA citation technique
ENGL-261	Students will be able to develop an analytical essay identifying literary characteristics of a piece of American Literature from 1865 to the present
ENGL-261	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of American Literature from 1865 to present
ENGL-261	Students will write essays proficient in MLA citation techniques
ENGL-270	Students will be able to develop an analytical essay identifying literary characteristics of a piece of English Literature from the Middle Ages through the 18th Century
ENGL-270	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of English Literature from the Middle Ages through the 18th Century
ENGL-270H	Students will be able to develop an analytical essay identifying literary characteristics of a piece of English Literature from the Middle Ages through the 18th Century
ENGL-270H	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of English Literature from the Middle Ages through the 18th Century
ENGL-271	Students will be able to develop an analytical essay identifying literary characteristics of a piece of English Literature from the late 18th Century to the Present
ENGL-271	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of English Literature from the late 18th Century to the Present
ENGL-271H	Students will be able to develop an analytical essay identifying literary characteristics of a piece of English Literature from the late 18th Century to the Present
ENGL-271H	Students will be able to develop an analytical essay that explores the socio-historical context of a piece of English Literature from the late 18th Century to the Present

ENGL-611	Recognize parts of speech and sentences B. Identify sentence errors and employ strategies to correct them C. Compose clear and effective error-free sentences of different types
ENGL-615	Compose clear and effective sentences within the context of paragraph and essays, relatively free of major grammatical, spelling, and punctuation errors.
ENGL-615	Compose coherent and unified expository essays that sufficiently support a thesis statement.
ENGL-615	Accurately identify main ideas and supporting evidence in written texts and infer meaning from those texts.
ENGL-686	Employ strategies to effectively read and understand college-level texts.
ENGL-686	Employ strategies to effectively plan, write and document college essays.
ENGL-686	Recognize the personal relevance in assignments.
ENGL-687	Identify parts of speech, rules of grammar and punctuation.
ENGL-687	Locate and articulate a main point in a text and relate textual examples/evidence to argument/claim.
ENGL-687	Employ strategies to effectively plan, write and document college essays.
ENGL-687	Recognize the personal relevance in assignments.
ENGR-100	Identify, formulate, and explain the impact of engineering solutions in a global and societal context.
ENGR-100	Identify examples of engineering adaptations to cultural norms through history.
ENGR-265	Describe position, forces and moments in terms of two and three dimensional vectors
ENGR-265	Determine the resultant when given a system of forces
ENGR-265	Write shear and bending-moment equations, and draw shear and bending-moment diagrams for beams loaded with concentrated and/or uniformly distributed loads
ENVSCI-100	Identify and describe major environmental issues through a multicultural lens, including environmental racism and environmental justice, at local, regional, and global scales
ENVSCI-100	Interpret natural and anthropogenic underpinnings of Earth's changing climate
ENVSCI-100	Analyze the fundamentals of biogeochemical cycles, including the human impact upon them
ENVSCI-100	Evaluate renewable and non-renewable energy production, as well as water treatment and solid waste management strategies
ESL-601	Recognize, identify, say, and spell basic vocabulary in the categories of names, classroom items, cardinal numbers, feelings, days and months, parts of the body, and family members.
ESL-601	Complete simple documents.
ESL-601	Use simple sentences to talk about themselves.
ESL-602	Identify and describe items and situations in home and school settings.
ESL-602	Talk and write about situations in simple sentences and questions using the simple and progressive tenses.
ESL-602	Ask and answer questions about personal information and state personal goals.
ESL-602	Demonstrate comprehension by correctly answering questions about a short reading passage.

ESL-603	Name and describe places in one's neighborhood, home and work environment both through writing and oral communication.
ESL-603	Create sentences and questions in the simple present, past, and future tenses.
ESL-603	Make work-related decisions based on identifying and drawing conclusions about job-related requirements.
ESL-603	When given a reading passage, students will be able to demonstrate comprehension by writing their answers to questions about the passage in clear and complete simple sentences.
ESL-604	Relate and clarify directions in the workplace and in educational settings
ESL-604	Compose a narrative about a personal event
ESL-604	Read passages and answer questions about them that demonstrate comprehension
ESL-607	Communicate a full conversation about daily life
ESL-607	Use correct syntax in order to respond orally to Yes/No questions and Wh-questions from fellow students
ESL-607	Write and verbally communicate sentences that demonstrate the ability to give directions, state information, and make requests both politely as well as directly
ESL-610	Recognize and relate vocabulary to various workplace scenarios
ESL-610	Converse in workplace settings
ESL-610	Write brief workplace memorandums
ESL-611	Recognize and respond to information required on job applications
ESL-611	Identify skills related to employment opportunities and apply that information to their own employment goal
ESL-611	Articulate responses to interview questions
ESL-612	Pronounce vocabulary and expressions commonly used in the food service industries
ESL-612	Converse both formally and informally in a variety of workplace situations in the context of an entry level position in the food service industry
ESL-612	Discuss and demonstrate the American cultural and professional expectations of entry level positions in the food service industry
ESL-613	Apply vocabulary and expressions commonly used in the retail industry
ESL-613	Communicate both formally and informally in a variety of workplace situations in the context of an entry level position in the retail industry
ESL-613	Discuss and demonstrate the American cultural and professional expectations of entry level positions in the retail industry
ESL-620	Students will be able to recognize and accurately pronounce voiced and voiceless sounds from the phonetic alphabet.
ESL-620	Students will be able to accurately pronounce words and sentences in both Standard and informal English.
ESL-620	Students will be able to accurately pronounce Yes/No as well as Wh- questions using proper intonation.

ESL-630	Compose grammatically sound simple sentences as well as Yes/No and Wh- questions in the simple present and past tenses by using correct syntax, punctuation, capitalization, and word order.
ESL-630	Respond to questions about the passage in clear and complete sentences.
ESL-630	Compose a paragraph of at least eight sentences about a central topic that contains an introduction, a body and a conclusion.
ESL-631	Compose grammatically sound simple and compound sentences as well as Yes/No and Wh- questions in the present and past progressive tenses, and with modals, by using correct syntax, punctuation, capitalization, and word order.
ESL-631	Respond to questions about the passage in clear and complete sentences.
ESL-631	Compose a supported paragraph of at least eight sentences about a central topic that contains an introduction, a body and a conclusion.
ESL-640	Compose grammatically sound simple, compound and complex sentences using a variety of verb tenses with particular emphasis on the present perfect, past perfect and present perfect progressive tenses by using correct syntax, punctuation, capitalization, and word order.
ESL-640	Read passages and be able to infer meaning of unfamiliar words through context, and respond to questions about the passage in complete sentences.
ESL-640	Write well-organized and coherent paragraphs that are structured with an introduction, body and conclusion, using complex, meaningful sentences and containing clear main ideas, topic sentences, and supporting details.
ESL-640	Write the following types of paragraphs: narrative, summary, description/illustration, comparison/contrast, and expository.
ESL-641	Compose grammatically sound simple, compound and complex sentences using a variety of verb tenses and sentence structures by using correct syntax, punctuation, capitalization, and word order.
ESL-641	Read a short novel and be able to infer the meaning of unfamiliar words through context, and respond to questions about the passage in complete sentences.
ESL-641	Write the following types of prose: summary, analysis, argument, and exposition.
ESL-641	Write a developed and structured essay that demonstrates the ability to organize ideas and present evidence to support a position, and utilizes a thesis statement, focused paragraphs, topic sentences, and supporting details.
ESL-650	Students will be able to answer questions orally about a variety of topics, such as people, civics, places, and holidays.
ESL-650	Students will be able to read sentences containing content words found on the Naturalization Test issued by the U.S. Citizenship and Immigration Services (USCIS)
ESL-650	Students will be able to dictate sentences containing content words found on the Naturalization Test issued by the U.S. Citizenship and Immigration Services (USCIS)
ESL-651	Students will be able to complete the required naturalization forms issued by the United States Citizenship Immigration and Service Department.

ESL-651	Students will be familiar with key historical events, concepts of civics, and principles of the government as they pertain to the United States of America.
ESL-930	Compose grammatically sound simple sentences as well as Yes/No and Wh- questions in the simple present and past tenses by using correct syntax, punctuation, capitalization, and word order
ESL-930	Respond to questions about the passage in clear and complete sentences
ESL-930	Compose a paragraph of at least eight sentences about a central topic that contains an introduction, a body and a conclusion
ESL-931	Compose grammatically sound simple and compound sentences as well as Yes/No and Wh- questions in the present and past progressive tenses, and with modals, by using correct syntax, punctuation, capitalization, and word order
ESL-931	Respond to questions about the passage in clear and complete sentences
ESL-931	Compose a supported paragraph of at least eight sentences about a central topic that contains an introduction, a body and a conclusion
ESL-940	Compose grammatically sound simple, compound and complex sentences using a variety of verb tenses with particular emphasis on the present perfect, past perfect and present perfect progressive tenses by using correct syntax, punctuation, capitalization, and word order
ESL-940	Read passages and be able to infer meaning of unfamiliar words through context, and respond to questions about the passage in complete sentences
ESL-940	Write well-organized and coherent paragraphs that are structured with an introduction, body and conclusion, using complex, meaningful sentences and containing clear main ideas, topic sentences, and supporting details
ESL-940	Write the following types of paragraphs: narrative, summary, description/illustration, comparison/contrast, and expository
ESL-941	Students will be able to compose grammatically sound simple, compound and complex sentences using a variety of verb tenses and sentence structures by using correct syntax, punctuation, capitalization, and word order
ESL-941	Students will read a short novel and be able to infer the meaning of unfamiliar words through context, and respond to questions about the passage in complete sentences
ESL-941	Students will be able to write the following types of paragraphs: summary, process analysis, and compare and/or contrast
ESL-941	Students will be able to write a developed and structured multi-paragraph essay that demonstrates the ability to organize ideas and present evidence to support a position, and utilizes a thesis statement, focused paragraphs, topic sentences, and supporting details
ETHS-100	Identify critical terminology for the field of Ethnic Studies
ETHS-100	Critically evaluate the impact of the intersectionality of race, ethnicity, class, gender, and sexuality in American society

ETHS-100	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy has had and continues to have on Native Americans, Asian Americans, African Americans, and Chicano/a and Latino/a communities
ETHS-100	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within non-white communities in the United States
ETHS-100	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
ETHS-103	Analyze and articulate core concepts of ethnic studies, including but not limited to race and ethnicity, racialization, equity, ethno-centrism, Eurocentrism, and white supremacy; and how they manifest in cinema and media
ETHS-103	Describe the intersection of race and ethnicity with other forms of difference affected by hierarchy and oppression and it's portrayal in cinema and media, such as class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, and/or age
ETHS-104	Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, multiculturalism, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism as analyzed in the context of Latina/o/x histories in the United States and in the fields of Latina/o/x and Chicana/o/x Studies.
ETHS-104	Apply theory and knowledge produced by Latina/o/x communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation.
ETHS-104	Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, ability, language, and/or age in Latina/o/x communities.
ETHS-104	Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Latina/o/x are relevant to current and structural issues such as communal, national, international, and transnational politics, for example, in immigration, reparations, settler-colonialism, multiculturalism, and language policies.
ETHS-104	Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Latina/o/x communities to build a just and equitable society.
ETHS-105	Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, Orientalism/anti-Orientalism, liberation, decolonization, imperialism, and anti-racism as analyzed in the context of Asian American histories and Asian American Studies.
ETHS-105	Apply theory and knowledge produced by Asian American communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation.
ETHS-105	Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, ability, language, and/or age in Asian-American communities.

ETHS-105	Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Asian Americans, are relevant to current and structural issues such as communal, national, international, and transnational politics, for example, in immigration, reparations, settler-colonialism, multiculturalism, and language policies.
ETHS-105	Describe and actively engage with anti-racist, anti-colonial, and anti-Orientalist issues and the practices and movements in Asian American communities to build a just and equitable society.
ETHS-106	Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism as analyzed in African American Studies.
ETHS-106	Apply theory and knowledge produced by African American communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation.
ETHS-106	Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, ability, language, and/or age in African American communities.
ETHS-106	Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by African Americans, are relevant to current and structural issues such as communal, national, international, and transnational politics, for example, in immigration, reparations, settler- colonialism, multiculturalism, language policies.
ETHS-106	Describe and actively engage with anti-racist and anti- colonial issues and the practices and movements in African American communities to build a just and equitable society.
ETHS-107	Identify critical terminology, events, cultures, and intellectual traditions of Native Americans
ETHS-107	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within Native communities
ETHS-107	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on North American Indian nations
ETHS-107	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within Native American nations
ETHS-107	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
ETHS-107H	Identify critical terminology, events, cultures, and intellectual traditions of Native Americans
ETHS-107H	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within Native communities
ETHS-107H	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on North American Indian nations
ETHS-107H	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within Native American nations

ETHS-107H	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
ETHS-108	Identify key concepts in the field of Native American Studies
ETHS-108	Evaluate the relationship between anthropological practices and Native American communities
ETHS-108	Critically analyze racialization, Eurocentrism, white supremacy, and the intersectionality of race, ethnicity, class, gender, and sexuality in relation to Native American experiences in the United States
ETHS-108	Apply theory to describing key issues faced by Native American communities and to describing Native American perspectives, agency, successes, and barriers in responding to those
ETHS-108	Describe how decolonization and anti-racism are relevant to structural issues, such as those involved in Western scientific practices or multiculturalism
ETHS-141	Demonstrate an understanding of the interrelationship between historical factors and contemporary trends used to study race and ethnic relations evaluated by a written or objective assessment
ETHS-141	Demonstrate their knowledge of the introductory concepts of ethnic studies, major theoretical approaches used to study race and ethnic relations evaluated by a written or objective assessment
ETHS-141	Analyze anti-racist approaches toward a just and equitable society
ETHS-141H	Demonstrate an understanding of the interrelationship between historical factors and contemporary trends used to study race and ethnic relations evaluated by a written or objective assessment
ETHS-141H	Demonstrate their knowledge of the introductory concepts of ethnic studies, major theoretical approaches used to study race and ethnic relations evaluated by a written or objective assessment
ETHS-141H	Analyze anti-racist approaches toward a just and equitable society
ETHS-141H	Complete a project of their choosing with a focus on equity and evaluate its potential for social change
ETHS-163	Critically analyze, discuss, and explain themes, cultural issues, and social concerns specific to Chicano literature
ETHS-163	Develop a MLA documented essay which critically analyzes and explicates novels, short stories, poetry, and essays in their literary, historical, and social contexts
ETHS-163	Critically analyze how struggle, resistance, racial and social justice, solidarity and liberation as experienced by Chicanos in literature are relevant to current and structural issues such as national politics, immigration and social protest
ETHS-165	Identify, explain and discuss themes, cultural issues, and social concerns specific to African American Literature
ETHS-165	Write coherent essays which critically analyze novels, short stories, poetry, and essays in their literary, historical and social contexts
ETHS-165	Critically analyze how struggle, resistance, racial and social justice, solidarity and liberation as experienced by African Americans are relevant to current and structural issues such as national politics, reparations and social protest
FN-060	Explain the need for, differences in, and the importance of modified diets.

FN-060	Apply Nutrition Care Process principles and develop appropriate Nutritional Care Plans for clients with common conditions.
FN-060	Design appropriate and nutritionally adequate modified and therapeutic diets for clients with certain conditions utilizing a computerized diet analysis program which includes comparison reports of the United States Department of Agriculture ChooseMyPlate and Dietary Reference Intakes (DRI) guidelines, as well as an exchange list.
FN-064	Explain lines of authority and levels of responsibility in foodservice for healthcare
FN-064	Formulate a Job Description for a dietary services employee with competency and training requirements
FN-064	Evaluate a healthcare facility's foodservice departments operational costs, and determine budgetary needs
FN-066	Design and chart nutrition care plans utilizing the Nutrition Care Process.
FN-066	Assemble educational materials for target populations by researching, collecting, and summarizing credible articles about three current health issues, and designing and educational handout.
FN-066	Explain current health care and public policy regarding nutrition.
FN-098	Demonstrate proficiency of skills specified in the measurable objectives
FN-098	Understand the expectation and value of teamwork
FN-098	Establish and maintain a positive relationship with employer
FN-162	Scientifically analyze and evaluate nutrition information.
FN-162	Demonstrate basic knowledge of nutrient digestion, absorption, and metabolism.
FN-162	Explain nutrition standards for health, fitness, and disease prevention across the life span.
FN-162	Apply current dietary guidelines and formulate nutrition recommendations to personal diets.
FN-162	Assess personal health risks related to chronic diseases, such as obesity.
FRENCH-101	Students will be able to use beginning reading, writing, and listening comprehension skills in the present and preterit tenses on a comprehensive final exam where 70% meets the minimum learning outcome
FRENCH-101	Students can provide a short oral and written description indicating his/her origin, nationality, age and family members, and other level-appropriate topics, where 70% meets the minimum learning outcome
FRENCH-101	Students will demonstrate knowledge of, and sensitivity to, linguistic and cultural diversity of French-speaking countries through presentations where 70% meets the minimum learning outcome
FRENCH-102	Students will be able to use beginning/intermediate reading, writing, and listening comprehension skills in the past tenses and subjunctive mode on a comprehensive final exam where 70% meets minimum learning outcomes
FRENCH-102	Students will demonstrate orally and in writing their understanding of the past tenses in French, formal and informal commands, the subjunctive mode, and other level-appropriate topics, where 70% meets the minimum learning outcome
FRENCH-102	Students will demonstrate knowledge of, and sensitivity to, linguistic and cultural diversity of French-speaking countries through presentations where 70% meets the minimum learning outcome
FTVM-098	Demonstrate proficiency of skills specified in the measurable objectives

FTVM-098	Understand the expectation and value of teamwork
FTVM-098	Establish and maintain a positive relationship with employer
FTVM-101	Discuss the history of radio, broadcast television, cable and other communications technologies, and how they affect the communications industry today.
FTVM-101	Describe the current world of communications, including the impact of the information superhighway on communications and broadcasting.
FTVM-101	Describe how cable news can create cultural bias.
FTVM-102	Describe the various film styles, genres and trends, including technical innovations, and how they changed film production through the years.
FTVM-102	Describe and evaluate features that make a film a significant work of cinematic art.
FTVM-102	Identify areas where film and media in the United States could demonstrate inherent racism through their content.
FTVM-103	Analyze and articulate core concepts of ethnic studies, including but not limited to race and ethnicity, racialization, equity, ethno-centrism, Eurocentrism, and white supremacy; and how they manifest in cinema and media
FTVM-103	Describe the intersection of race and ethnicity with other forms of difference affected by hierarchy and oppression and its portrayal in cinema and media, such as class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, and/or age
FTVM-110	Develop voice projection and control, including proper use of various types of microphones.
FTVM-110	Develop personal performance techniques and demonstrate appropriate ability to conduct on-air interviews.
FTVM-110	Describe how voice-over acting can perpetuate cultural appropriation.
FTVM-111	Apply production principles to the basic operation of the audio console and a variety of studio recording materials such as an audio mixing board and recording equipment.
FTVM-111	Record an audio segment using 3 different sound sources, including voice, special effects, and live or pre-recorded music.
FTVM-111	Explain how the use of sound can represent or impact culture in a positive or negative way.
FTVM-112	Determine the best location for equipment and talent in a location outside of a controlled (studio) environment
FTVM-112	Describe the basics of audio acoustics
FTVM-112	Record a live event using a minimum of 3 audio tracks with fades, cross-fades, and special effects
FTVM-112	Record dialogue and sound effects for a variety of multi-media productions
FTVM-114	Demonstrate basic video editing techniques including cuts and dissolves, insert and overwrite, and trimming techniques
FTVM-114	Demonstrate basic audio editing techniques including mixing music with narration, removing unwanted sound, and appropriate pacing
FTVM-114	Create and appropriately use titles and graphics in a sequence

FTVM-120	Discuss the role of the writer in film, TV, and new media, and differentiate between writing for personal expression and contractual screenwriting.
FTVM-120	Discuss and analyze the role of all of the elements of a screenplay, including character, structure, conflict, complexity, image, sound, and dialogue.
FTVM-120	Describe how screenwriting uses subtext to explain the challenges of historically marginalized communities.
FTVM-120	Write a variety of script formats, including the radio script, two-column video script, and screenplay formats.
FTVM-121	Write a treatment for a television program or motion picture.
FTVM-121	Write a plot outline for a television program or motion picture.
FTVM-121	Write a film script with dialog between at least two characters and a definitive storyline.
FTVM-121	Explain the history of screenwriting as it relates to the intersectionality of ethnicity, race, and identity.
FTVM-122	Develop acting techniques, voice projection and microphone use.
FTVM-122	Develop skills in interpreting scripts and giving direction to cast and crew.
FTVM-122	Apply basic pre-production, production principle, cinematography, and post-production skills and techniques.
FTVM-130	Apply production principles to the basic operation of the video switcher, the audio console, cameras, lighting, and related equipment.
FTVM-130	Complete a production within a prescribed timeline.
FTVM-130	Write and produce a broadcast script for production that is inclusive and shows cultural awareness.
FTVM-131	Apply 3-point lighting techniques using various lighting fixtures
FTVM-131	Light and photograph in natural and created lighting scenarios
FTVM-131	Use various camera formats and lenses
FTVM-131	Light and record using movement with a dolly or gimbal
FTVM-132	Operate video field recording equipment correctly to acquire professional quality video and audio recordings.
FTVM-132	Develop and produce short form video content for a variety of media platforms that provides inclusion of multiples cultures, identities, and ethnicities.
FTVM-132	Analyze and interpret rationale for visual and audio design in production.
FTVM-133	Develop and produce video news broadcasts
FTVM-133	Work collaboratively to create various content
FTVM-133	Create fact-based news content through the citation of sources
FTVM-134	Compose professional quality play-by-play, color and interview content for broadcast on radio, TV and the Internet
FTVM-134	Produce quality interview for broadcast on radio, TV, and the Internet
FTVM-198	Write and research content for video and news production
FTVM-198	Explain the expectation and value of teamwork
FTVM-198	Produce video and other forms of journalistic content for wide distribution

FTVM-213	Produce, host, and engineer a one-hour radio program with two live microphones and prerecorded material including music, program promos, and public service announcements.
FTVM-213	Engineer a three-hour program with live microphones and prerecorded material including music, program promos, commercials, and public service announcements.
FTVM-213	Explain why representation is important on both radio and podcast platforms.
FTVM-215	Edit appropriate footage to match production notes and script so that appropriate depiction of cultures is present as it relates to the story.
FTVM-215	Utilize various tools that who their knowledge of post-production techniques such audio correction and color correction.
FTVM-215	Incorporate professional level editing workflows used in film, TV, and streaming media.
FTVM-216	Develop a working knowledge of color theory
FTVM-216	Apply color management fundamentals for different color grading and effects workflows
FTVM-216	Apply techniques to use color creatively to impact the “mood” and “feel” of a scene
FTVM-222	Gain knowledge and skills through the successful completion of an independent study course
FTVM-222	Demonstrate a deeper understanding than what is normally covered in other curricula of a selected topic in Film, Television, and Media Studies
FTVM-233	Demonstrate ability to produce and/or direct a live-to-tape studio production, including planning, scripting, set design, and lighting chart
FTVM-233	Be able to analyze and interpret meanings behind shots, design, and story
FTVM-233	Discuss historical perspectives of studio production as they apply to the aesthetics visual story telling
FTVM-234	Develop and write a story for a short form video or film production.
FTVM-234	Develop and produce footage and audio to support a complete short form video or film project.
FTVM-234	Complete a rough assembly of a short form video or film project.
FTVM-234	Explain how certain film elements are examples of cultural appropriation.
FTVM-235	List key roles in film production and explain job responsibilities.
FTVM-235	Complete a main department roll on film production, director, producer, cinematographer, audio, gaffer, and script supervisor.
FTVM-235	Explore how to best ensure appropriate cultural representation through the process of film and cinema production.
FTVM-601	Articulate the basic terminology as it relates to television and film set safety protocols.
FTVM-601	Demonstrate the basic physics of balancing and operating the Steadicam.
FTVM-601	Demonstrate Steadicam operations, such as booming, line walks, and switching.
FTVM-602	Explain the basics of story development from pitch to final development.
FTVM-602	Create schedule and budget for a production.
FTVM-602	Explain how to manage the daily logistics of a cinema and broadcast production.

FTVM-602	Create a space of diverse and inclusive production space.
FTVM-603	Setup, load, and operate a motion picture camera.
FTVM-603	Analyze and explain the workflow of using a motion picture film camera for productions.
FTVM-603	Identify how to process film using darkroom techniques to test various film stocks.
FTVM-603	Create a space for underrepresented groups to make professional contacts.
GEOG-100	Employ a Geographic Information System (GIS) application to appraise and interpret data related to population and the environment, drawing on the principles of social scientific inquiry.
GEOG-100	Collect geographic data for mapping using one or more of the following: Global Positioning System (GPS), remotely sensed satellite or aerial imagery, drone imagery, and web-based public domain data.
GEOG-100	Interpret distance on a topographic map or remotely sensed image using map scale.
GEOG-100	Assemble spatial data to address issues related to social and environmental justice, including but not limited to access to jobs, education, healthcare, parks, healthy food, clean air and water, and affordable housing.
GEOG-102	Analyze geographic patterns of income, urbanization, resource consumption, population growth, and access to education, healthcare, drinking water, and food within wealthy (most developed), middle income (developing), and poor (least developed) countries.
GEOG-102	Compare and contrast origin areas (cultural hearths) of major world religions and languages with modern distributions of major world religions and languages.
GEOG-102	Assess human rights within selected countries and regions, including the rights of women, ethnic, and religious minorities, immigrants, aboriginal peoples, and LGBTQ+ populations.
GEOG-106	Distinguish among perpetual, renewable, non-renewable, and potential resources.
GEOG-106	Identify specific consequences of global climate change, including shifts in global climate zones and precipitation, sea level rise and coastal flooding, stresses on terrestrial and marine habitats and species, increased incidence of disease vectors, and climate refugees.
GEOG-106	Assess spatial unevenness of natural resource access and use and impact of pollution within wealthy and disadvantaged communities.
GEOG-110	Analyze and interpret spatial data, including maps, graphs, and/or Geographic Information Systems (GIS) through a multicultural lens.
GEOG-110	Comprehend and interpret Earth-Sun relations and resulting seasonal changes.
GEOG-110	Assess the formation of major landforms.
GEOG-110	Analyze the distribution and classification of world climates and Earth's biomes.
GEOG-110	Consider the uneven impact of environmental pollution and climate change on socioeconomically disadvantaged communities, including communities of color and recent-immigrant communities.
GEOG-111	Analyze and interpret mapping elements such as latitude, longitude, map scale, map projection, and topography.

GEOG-111	Examine elements of weather and climate such as latitude, season, elevation, coastal versus continental location, orographic effect, wind patterns and air masses, and ocean currents.
GEOG-111	Categorize igneous, sedimentary, and metamorphic rocks within the context of the rock cycle.
GEOG-111	Identify landform shaping processes such as Plate Tectonics, volcanism, weathering, mass wasting, and erosion.
GEOG-111	Consider the uneven impact of environmental pollution and climate change on socioeconomically disadvantaged communities, including communities of color and recent-immigrant communities.
GEOG-111H	Analyze and interpret mapping elements such as latitude, longitude, map scale, map projection, and topography.
GEOG-111H	Examine elements of weather and climate such as latitude, season, elevation, coastal versus continental location, orographic effect, wind patterns and air masses, and ocean currents.
GEOG-111H	Categorize igneous, sedimentary, and metamorphic rocks within the context of the rock cycle.
GEOG-111H	Identify landform shaping processes such as Plate Tectonics, volcanism, weathering, mass wasting, and erosion.
GEOG-111H	Consider the uneven impact of environmental pollution and climate change on socioeconomically disadvantaged communities, including communities of color and recent-immigrant communities.
GEOG-111H	Honors: Collect data to analyze physical processes that may include weather, climate, geological, biological, or hydrological data.
GEOG-111H	Honors: Produce a field report that integrates primary and secondary data.
GEOG-114	Interpret weather maps, including air temperature, frontal boundaries, high and low pressure, wind speed and direction, cloud cover, and precipitation.
GEOG-114	Interpret global climate classification systems and the global distribution of climates.
GEOG-114	Diagram the thermal layers of the Earth's atmosphere.
GEOG-114	Assess the uneven impact of climate change and air pollution on people and environments around the world.
GEOG-118	Spatially analyze the basic features of the California geomorphic provinces.
GEOG-118	Assess the origin and geographic diffusion of one or more California culture groups during one or more of the following historical periods: pre-Columbian, Spanish and Russian exploration, Spanish missions, Gold Rush, post-Gold Rush to World War II, and post-World War II.
GEOG-118	Discuss the agricultural, architectural, cultural, and economic contributions of the many ethnic groups and populations that have inhabited California from pre-Columbian times to the present.
GEOG-120	Identify regional landforms, climates, and human-environment interactions across world regions.
GEOG-120	Compare and contrast demographic, economic, and cultural aspects of world regions.
GEOG-120	Assess migration, refugee, environmental, economic, health, and geopolitical crises and responses within various countries and world regions.
GEOG-130	Analyze economic, environmental, racial, and social justice issues within a GIS framework.
GEOG-130	Describe Geographic Information Systems (GIS).
GEOG-130	Organize and categorize GIS data.

GEOG-130	Employ industry standard GIS software to produce maps that incorporate cartographic ethics and methods to address various geographic issues.
GEOG-222	Gain knowledge and skills through the successful completion of an independent study course
GEOG-222	Demonstrate a deeper understanding of the subject matter
GEOL-101	Examine and identify common minerals and the three main rock types (igneous, metamorphic, and sedimentary)
GEOL-101	Examine the Theory of Plate Tectonics and the application of it to describe the various features (e.g., mountains) and origins of natural phenomena (i.e., volcanoes, earthquakes etc.)
GEOL-101	Examine the geologic understanding of groundwater reservoirs, our use of this crucial resource, and the disproportionate impacts when this resource is scarce during times of drought.
GEOL-101	Examine the geologic understanding of global climate change/global warming and recognize the disproportionate impact on disadvantaged communities.
GEOL-101	Describe how the geologic age of our planet is determined both in terms of relative dating (i.e., the order in which certain geologic events occur) and absolute dating (i.e., utilizing radiometric dating to determine the age of the planet and various rock and minerals).
GEOL-111	Identify and categorize continental and oceanic geologic and geomorphic features on maps of varying scales and projections.
GEOL-111	Identify and categorize 20-30 of the most common minerals of the Earth using easily discernible physical properties of the minerals.
GEOL-111	Identify and categorize rock samples representative of some of the more common varieties of the three major rock types.
GEOL-111	Identify and categorize various geologic and geomorphic features on maps, given the appropriate coordinates (latitude and longitude, township and range, or some other system).
GEOL-112	Apply the principles uniformitarianism, superposition, cross-cutting relationships, and original horizontality to unravel the sequence of events in a variety of geologic scenarios.
GEOL-112	Appreciate the vastness of geologic time and the role played by fossils in the development of the Geologic Time Scale.
GEOL-112	List the Eras in order from oldest to youngest and list all of the Geologic Periods in the proper sequence in each of the Eras.
GEOL-112	Describe the movement of the major lithospheric plates, and the apparent movement of the continents, over the past 250 million years.
GEOL-112	Use the taxonomic system to organize important fossil groups.
GEOL-112	Reconstruct the basic geologic history of a field site by sketching and writing about the stratigraphic (geologic) column.

GEOL-122	Identify geologic problems associated with the uncontrolled urbanization of certain landscapes considered to be desirable by a large percentage of the population.
GEOL-122	List major mineral resources, what countries provide these resources, and what these resources are used for in modern society.
GEOL-122	Identify major energy resources and be able to distinguish between renewable resources and resources subject to depletion.
GEOL-122	Assess the environmental cost of mineral and Energy resource extraction and will be able to make a fair judgment regarding environmental cost versus potential benefit to society.
GEOL-140	Explain the importance of the scientific method in understanding the natural world.
GEOL-140	Explain the Theory of Plate Tectonics and its relationship to the various processes that operate on Earth.
GEOL-140	Categorize the elements of the geosphere, atmosphere, hydrosphere and biosphere within a diagram of the hydrologic cycle.
GEOL-140	Explain climate change and the disproportionate impacts (i.e., sea level rise, coastal flooding, droughts etc.) these have on island communities of color, coastal aboriginal communities, and socioeconomically disadvantaged communities.
GEOL-141	Apply the Scientific Method to understanding natural processes within the atmosphere, biosphere, geosphere, and hydrosphere.
GEOL-141	Examine how the Theory of Plate Tectonics helps us to understand the geomorphology of the Earth's continents and oceans.
GEOL-141	Identify and categorize basic rock forming minerals.
GEOL-141	Identify and categorize basic igneous, sedimentary, and metamorphic rocks.
GEOL-141	Assess climate change and the disproportionate impacts (i.e., sea level rise, coastal flooding, droughts etc.) these have on island communities of color, coastal aboriginal communities, and socioeconomically disadvantaged communities.
GEOL-170	Discuss concepts of internal and external geophysical processes that have created the present-day Great Basin Province, based upon lecture material.
GEOL-170	Discuss geologic features common to selected national parks, national monuments, national natural landmarks, wildernesses, national preserves, and national historical sites within the Great Basin Province.
GEOL-170	Prepare a time-sequential field notebook, including all geological sites with elevation and GPS for each site, as well as drawings and geological descriptions.
GEOL-170	Document their field trip with annotated maps, photos of geological and historical sites, and collected literature.
GEOL-170	Prepare a college-level, typewritten field report that integrates lecture and laboratory (field) material and observations.

GEOL-201	Students will learn to identify approximately 50 to 100 of the most common rock-forming, accessory, and economic minerals by observing their physical properties
GEOL-222	SLOs will be determined in a contract between the student and faculty member.
GEOL-250	Review the major geologic processes that have been involved in the formation of California's varied landscape.
GEOL-250	Identify the boundaries of California's twelve geomorphic (physiographic) provinces.
GEOL-250	Describe the principal geologic features of each of the twelve geomorphic (physiographic) provinces.
GEOL-250	Summarize the geologic history of each of the twelve provinces, including the geologic ages of the major rock units and outstanding geologic structures.
GEOL-251	Review the major geologic processes that have been involved in the formation of those national parks and monuments in which geologic features are particularly well displayed in the landscape.
GEOL-251	Learn about the major physiographic provinces of North America and the national parks and monuments best representing the geologic characteristics that distinguish each province.
GEOL-251	Identify the boundaries of the major geomorphic regions of North America.
GEOL-251	Describe the principal geologic features of each of the national parks and monuments studied.
GEOL-251	Summarize the geologic history of each of the national parks and monuments studied, including the geologic ages of the major rock units and outstanding geologic structures.
GEOL-260	Interpret the major geologic processes that are involved in the formation of geologic features that are particularly well displayed in the landscape
GEOL-260	Categorize geologic features as they are exposed in the field and documentation of observations through use of the common tools of geologists in the field (i.e. topographic maps, hand lens, Brunton compass, GPS unit, hydrochloric acid, etc.)
GEOL-260	Given a geologic map of a local area, identify the principal geologic features displayed on the map and interpret the sequence of events of the area using the principals of superposition and cross-cutting relationships
GEOL-260	Reconstruct the geologic history of each area studied, including the geologic ages of the major rock units and outstanding geologic structures
GEOL-260	Given a geologic or topographic map of appropriate scale and location, demonstrate geologic features and related site location
GEOL-260	Analyze the strike and dip of planar geologic structures (including bedding planes and fault planes) and record findings in the standard form in a field notebook
GEOL-260	Categorize common rock types, minerals, and fossils in a field outcrop and record observations in appropriate geologic terminology in a field notebook
GEOL-260	Given a planimetric map of appropriate scale and location, synthesize geologic field observations onto a planimetric map and production of a geologic map

GEOL-270	Discuss concepts of internal and external geophysical processes that have created the present-day Sierra Nevada and Basin and Range Provinces, based upon lecture material.
GEOL-270	Discuss geologic features common to selected national parks, monuments, wildernesses, and historical sites within the Sierra Nevada and Basin and Range Provinces.
GEOL-270	Prepare a time-sequential field notebook, including all geological sites with elevation and GPS for each site, as well as drawings and geological descriptions.
GEOL-270	Document their field trip with annotated maps, photos of geological and historical sites, and collected literature.
GEOL-270	Prepare a college-level, typewritten field report that integrates lecture and laboratory (field) material and observations.
GIS-098	Demonstrate proficiency of skills specified in the measurable objectives
GIS-098	Understand the expectation and value of teamwork
GIS-098	Establish and maintain a positive relationship with employer
GIS-100	Employ a Geographic Information System (GIS) application to appraise and interpret data related to population and the environment, drawing on the principles of social scientific inquiry.
GIS-100	Collect geographic data for mapping using one or more of the following: Global Positioning System (GPS), remotely sensed satellite or aerial imagery, drone imagery, and web-based public domain data.
GIS-100	Interpret distance on a topographic map or remotely sensed image using map scale.
GIS-100	Assemble spatial data to address issues related to social and environmental justice, including but not limited to access to jobs, education, healthcare, parks, healthy food, clean air and water, and affordable housing.
GIS-130	Analyze economic, environmental, racial, and social justice issues within a GIS framework.
GIS-130	Describe Geographic Information Systems (GIS).
GIS-130	Organize and categorize GIS data.
GIS-130	Employ industry standard GIS software to produce maps that incorporate cartographic ethics and methods to address various geographic issues.
GIS-133	Assess how maps have been used historically to subjugate and disenfranchise selected population groups within a class discussion.
GIS-133	Critically evaluate published maps, and provide recommendations to improve their accuracy and adhere to cartographic standards within a class assignment.
GIS-133	Apply basic cartographic principles, including map production, map scale, map projection, map distortion, and map accuracy by evaluating existing maps and producing new base maps within a semester-long project.
GIS-133	Synthesize base maps by incorporating digitized, scanned, internet, drone, and GPS data within a semester-long project.
GIS-134	Propose a spatial data collection system that is sensitive to local populations, including ethnic, socioeconomic, and environmental parameters.

GIS-134	Construct spatial data from field data or existing hardcopy maps.
GIS-134	Create a spatial database to store acquired spatial data.
GIS-134	Describe the similarities and differences between data models as well as how data is treated differently within each format, to include the conversion of data between different formats.
GIS-135	Assess how spatial analysis within GIS can be used to address long-standing inequities related to economic, environmental, racial, and social justice.
GIS-135	Categorize the components of spatial analysis, including input dataset, geoprocessing tool, and output dataset.
GIS-135	Compare and contrast diagnostic measures for spatial autocorrelation, including the joins count statistic, Moran's I, and Geary's C, using public-domain US Census data for California counties within an in-class, computer-based exercise using spatial analysis services and 3D Analyst software extensions.
GIS-135	Critique Tobler's Law and the principle of distance-decay by designing a nearest-neighbor, multi-layer GIS map that plots the most efficient location of elementary schools or other public institutions or private businesses within an in-class, computer-based exercise using spatial analysis services and 3D Analyst software extensions.
GIS-137	Design a user-friendly, web-based map that incorporates aspects of economic justice, environmental justice, racial justice, social justice, or environmental sustainability. Potential data sources could include public-domain data or the ArcGIS Living Atlas of the World.
GIS-137	Construct custom software tools, including web-based tools, within ArcGIS Online and ArcGIS Pro by using appropriate programming software within an assignment.
GIS-137	Interpret and construct slope-aspect, view-shed, or other landscape attributes using ArcGIS Aspect-Slope function and Terrain layer, as well as ArcGIS 3D Analyst, within a cell phone tower or business location exercise.
GIS-222	Given a particular problem or project, by using geographic information system software, library and/or Internet work and related research, students will, on an independent basis, and under the guidance of the instructor, demonstrate a deeper understanding of geographic information system concepts involved in the problem or project by correctly describing these concepts
GIS-222	By properly applying geospatial principals, students will gain further insight into the problem or project
GIS-222	Students may use field work to explore and analyze geospatial data in order to further study the physical and cultural aspects of a problem or project at an appropriate geographic scale
GLST-101	Define and describe key processes and meanings of globalization
GLST-101	Analyze controversies about globalization in relation to a contemporary human problem
GLST-102	Analyze the interconnections between global issues using a theoretical framework
GLST-102	Compare and evaluate the efforts to solve or respond to global issues
HEALTH-098	Understand the expectation and value of teamwork.
HEALTH-098	Demonstrate proficiency of skills specified in the measurable objectives.
HEALTH-098	Establish and maintain a positive relationship with employer.

HEALTH-100	Define the functions of public health such as epidemiology, biostatistics, environmental health, global health, disease prevention and health promotion, health policy and health education.
HEALTH-100	Comprehend the role environmental, social, behavioral, cultural, and biological determinants in influencing the health of individuals and communities.
HEALTH-100	Describe the major public health issues such as health disparities, that are affecting racial, ethnic, religious, disability, sexual, and gender minorities.
HEALTH-100	Explain the role of public health policy and education in health promotion and disease prevention in underserved communities.
HEALTH-100	Differentiate between the different prevention levels and their main roles in the public health and medical care settings.
HEALTH-101	Identify and improve fitness principles and exercise program components and how to decrease stress and mental health in health promotion and disease prevention.
HEALTH-101	Apply the dietary recommendations to diet planning throughout the lifecycle and in the promotion of fitness/physical activity, weight management, and disease prevention.
HEALTH-101	Compare personal health and public health and how they vary in disproportionately impacted communities.
HEALTH-101	Communicate orally and in writing in the scientific language of the Health discipline.
HEALTH-101	Analyze lifestyle habits from a wellness perspective and identify areas of personal behavior change that will lead to health-enhancing behaviors that can be adopted.
HEALTH-103	The student will identify and describe 10 alternative methods of health care.
HEALTH-103	The student will be able to demonstrate 2 different alternative methods of health care.
HEALTH-103	The student will develop a holistic lifestyle plan.
HEALTH-104	Identify barriers women face when accessing or receiving health care in the United States.
HEALTH-104	Describe the lifestyle changes that can be made throughout the lifespan and how they can promote personal health and mental well-being.
HEALTH-104	Identify the different basic screening tests recommended for women for early detection of physical, social, and mental health problems typical over the life span and across cultures.
HIST-100	Identify and explain the historical significance of key terms, events or movements in United States history from the pre-colonial period to 1877
HIST-100	Critically evaluate and interpret key themes in social, cultural, political, and/or economic movements in United States history from the pre-colonial period to 1877
HIST-100	Construct an argument using specific knowledge of key events and themes in United States history from the pre-colonial period to 1877
HIST-100H	Identify and explain the historical significance of key terms, events or movements in United States history from the pre-colonial period to 1877

HIST-100H	Critically evaluate and interpret key themes in social, cultural, political, and/or economic movements in United States history from the pre-colonial period to 1877
HIST-100H	Construct an argument using specific knowledge of key events and themes in United States history from the pre-colonial period to 1877
HIST-101	Identify and explain the historical significance of key terms, events or movements in United States history from 1877 to present
HIST-101	Critically evaluate and interpret key themes in social, cultural, political, and/or economic movements in United States history from 1877-Present
HIST-101	Construct an argument using specific knowledge of key events and themes in United States history from 1877-present
HIST-101H	Identify and explain the historical significance of key terms, events or movements in United States history from 1877 to present
HIST-101H	Critically evaluate and interpret key themes in social, cultural, political, and/or economic movements in United States history from 1877-Present
HIST-101H	Construct an argument using specific knowledge of key events and themes in United States history from 1877-present
HIST-107	Identify critical terminology, events, cultures, and intellectual traditions of Native Americans
HIST-107	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within Native communities
HIST-107	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on North American Indian nations
HIST-107	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within Native American nations
HIST-107	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-107H	Identify critical terminology, events, cultures, and intellectual traditions of Native Americans
HIST-107H	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within Native communities
HIST-107H	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on North American Indian nations
HIST-107H	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within Native American nations
HIST-107H	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-137	Identify and explain the historical significance of key terms, events or movements regarding the experiences of racial and ethnic groups that span from the early colonial period to present

HIST-137	Critically evaluate the impact of the intersectionality of race, ethnicity, class, gender, and sexuality in American society
HIST-137	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy has had and continues to have on Native Americans, Asian Americans, African Americans, and Chicano/a and Latino/a communities
HIST-137	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within non-white communities in the United States
HIST-137	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-138	Identify critical terminology, events, cultures, and intellectual traditions of African Americans in US history to 1877
HIST-138	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within African American communities to 1877
HIST-138	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on African American communities to 1877
HIST-138	Critically evaluate and interpret specific themes in African American history including: African culture, the international slave trade, the institution of slavery and Black resistance, and the Black movement for freedom and equality in the Civil War and Reconstruction period
HIST-138	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-139	Identify critical terminology, events, cultures, and intellectual traditions of African Americans in US history from 1877 to the present
HIST-139	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within African American communities from 1877 to the present
HIST-139	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on African American communities from 1877 to the present
HIST-139	Critically evaluate and interpret specific themes in African American history including: the failure of Reconstruction, the Great Migration and Harlem Renaissance, the early leadership of the African American community, the African American experience at war, and the Civil Rights movement that continues to our present time
HIST-139	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-140	Identify critical terminology, events, cultural aspects, and intellectual traditions of the Chicano community
HIST-140	Critically evaluate and interpret specific themes in Chicano history, including Spanish and Indian cultural origins, the impact of European and American expansion, the consequences of Mexican American War, and the development and impact of the Chicano Movement
HIST-140	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within the Chicano community

HIST-140	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within the Chicano community
HIST-140	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-140H	Identify critical terminology, events, cultural aspects, and intellectual traditions of the Chicano community
HIST-140H	Critically evaluate and interpret specific themes in Chicano history, including Spanish and Indian cultural origins, the impact of European and American expansion, the consequences of Mexican American War, and the development and impact of the Chicano Movement
HIST-140H	Critically evaluate the impact of the intersectionality of class, gender, and sexuality within the Chicano community
HIST-140H	Evaluate the success and identify barriers to resistance movements, self-determination, and traditional cultural movements within the Chicano community
HIST-140H	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-142	Identify and explain the historical significance of key terms, events or movements regarding Asian American history
HIST-142	Critically evaluate the impact of the intersectionality of class, gender, and sexuality in the Asian/ Asian American communities
HIST-142	Describe the impact that Eurocentrism, ethno-centrism, racialization, and white supremacy had on the Asian/ Asian American communities from 1840 to the present
HIST-142	Critically evaluate and interpret specific themes in Asian/ Asian American history including: the various waves of Asian migration, labor exploitation, anti- immigrant movements, racist governmental policies, and the Model Minority status
HIST-142	Develop strategies and plans for empowering people to pursue social justice for all groups that are unfairly oppressed in our current society
HIST-145	Identify and explain the historical significance of key terms, events or movements regarding California history
HIST-145	Critically evaluate and interpret specific themes in California history, including Spanish and Indian cultural origins, the impact of European expansion, the consequences of Mexican American War, the impact of World War II and the post WWII boom (and later bust) on the diverse population of California
HIST-145	Construct an argument using specific knowledge of key themes in California history
HIST-145H	Identify and explain the historical significance of key terms, events or movements regarding California history
HIST-145H	Critically evaluate and interpret specific themes in California history, including Spanish and Indian cultural origins, the impact of European expansion, the consequences of Mexican American War, the impact of World War II and the post WWII boom (and later bust) on the diverse population of California
HIST-145H	Construct an argument using specific knowledge of key themes in California history
HIST-150	Identify and explain the historical significance of key terms, events in Latin American history

HIST-150	Critically evaluate and interpret specific themes in Latin American history, including: Iberian and Native American cultural roots, impact of colonization and conquest, revolt and rebellion in colonial Latin America, the Independence and later revolutionary movements, and the role of Latin American in the global economy
HIST-150	Construct an argument regarding social and cultural perspectives of Latin American nations
HIST-170	Identify and explain the historical significance of key terms, events in World history to 1500
HIST-170	Critically evaluate and interpret the origins and development of civilizations in Europe, America, Africa, Near East, East Asia to 1500
HIST-170	Construct an argument regarding the social and cultural perspectives of the world's major civilizations
HIST-171	Identify and explain the historical significance of key terms, events in World history 1500-Present
HIST-171	Critically evaluate and interpret specific themes such as religion, economic, and political revolutions, industrialization and colonization, and wars and decolonization from a global perspective
HIST-171	Construct an argument analyzing the impact of increased interaction between nations and the consequences that modern development had on both individual countries and the world
HIST-176	Identify and explain the historical significance of key terms, events or movements regarding global genocides that occurred during the 20th and 21st centuries
HIST-176	Critically evaluate and interpret the impact that genocide has had on various racial and ethnic groups in global history
HIST-176	Construct an argument using specific knowledge of various racial and ethnic groups' experiences with genocide
HIST-185	Identify and explain the historical significance of key terms, events or movements regarding the experiences of women that span from the early colonial period to present in United States history
HIST-185	Critically evaluate and interpret the impact that social and political movements as well as economic developments had on women in United States history
HIST-185	Construct an argument regarding the social and cultural perspectives of women in United States history
HMDT-021	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-021	Outline each engine's intake, compression, and combustion and exhaust sequence and implement the conversations in the class.
HMDT-021	Analyze and evaluate the process of repair of diesel engines from start to finish in accordance with industry standards.
HMDT-022	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-022	Perform the rebuilding and adjustment of a truck's brake system written or oral as interpreted to manufacturer specifications.
HMDT-022	Identify an analyze specific system design and its components observed in lab practice.
HMDT-023	Identify and discuss industry safety practices demonstrating the use of Personal Protective Equipment (PPE).

HMDT-023	Perform the rebuilding and adjustment of a heavy-duty truck suspension and steering system as defined by manufacturer specifications.
HMDT-023	Identify a specific system design and its components and demonstrate the use of tools and equipment as observed during repairs.
HMDT-024	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-024	Use measuring instruments to determine which components to reuse and which to replace and document the results.
HMDT-024	Analyze and demonstrate how to recondition and assemble diesel engine to manufacturer specifications as observed in the lab activities.
HMDT-026	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-026	Select and use electronic equipment to test components and compare values as observed in the lab using manufacturers specifications.
HMDT-026	Test each component and demonstrate in a manner consistent with accepted industry standards.
HMDT-028	Identify and discuss industry safety practices and demonstrate how to use Personal Protective Equipment (PPE).
HMDT-028	Perform preventive maintenance on various components and systems.
HMDT-028	Demonstrate, repair, or replace components, analyze the operation and function of the charging and starting systems as observed in the lab.
HMDT-034	Discuss the use of industry safety standards to demonstrate and apply the proper use of Personal Protective Equipment (PPE).
HMDT-034	Use measuring instruments to compare appraise which components to reuse and which to replace as accessed during lab observation.
HMDT-034	Analyze how to recondition and demonstrate how to assemble the engine to manufacturer specifications.
HMDT-035	Identify industry safety practices and discuss the use of Personal Protective Equipment (PPE).
HMDT-035	Perform service to automatic transmission and access in a lab.
HMDT-035	Inspect and adjust the transmission, demonstrating the use of Original Equipment Manufacturer (OEM) specifications and required tools.
HMDT-040	Identify industry safety standards and responsibilities of maintaining and operation a tractor - trailer
HMDT-040	Describe various vehicle components and systems and identify any needs for maintenance repair.
HMDT-041	Explain industry safety and responsibilities and discuss maintaining and operating tractor trailers.
HMDT-041	Discuss and perform a maintenance inspection on various components and systems and evaluate the results of the inspection.
HMDT-041	By use of simulators, you will operate a tractor trailer properly on the streets and highways under various road conditions.

HMDT-042	Discuss the use of industry safety standards to demonstrate and apply the proper use of Personal Protective Equipment (PPE).
HMDT-042	Describe common electric vehicle terminology.
HMDT-042	Diagnose hydrogen fuel components to compare and analyze as per manufacturer standards as observed in the lab.
HMDT-042	Troubleshoot hydrogen-fueled components
HMDT-064	Identify and evaluate electrical circuits by reading diagrams using diagnostic equipment as performed in the lab.
HMDT-064	Diagnose and repair malfunctions in electrical systems and components and document the results of the repair in lab.
HMDT-064	Perform electrical repair and diagnostic to manufacturer specifications as it relates to industry standards.
HMDT-098	Demonstrate proficiency of skills specified in the measurable objectives
HMDT-098	Understand the expectation and value of teamwork
HMDT-098	Establish and maintain a positive relationship with employer
HMDT-621	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-621	Outline each engine's intake, compression, and combustion and exhaust sequence and implement the conversations in the class.
HMDT-621	Analyze and evaluate the process of repair of diesel engines from start to finish in accordance with industry standards.
HMDT-622	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-622	Perform the rebuilding and adjustment of a truck's brake system written or oral as interpreted to manufacturer specifications.
HMDT-622	Identify an analyze specific system design and its components observed in lab practice.
HMDT-623	Identify and discuss industry safety practices demonstrating the use of Personal Protective Equipment (PPE).
HMDT-623	Perform the rebuilding and adjustment of a heavy-duty truck suspension and steering system as defined by manufacturer specifications.
HMDT-623	Identify a specific system design and its components and demonstrate the use of tools and equipment as observed during repairs.
HMDT-624	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-624	Use measuring instruments to determine which components to reuse and which to replace and document the results.
HMDT-624	Analyze and demonstrate how to recondition and assemble diesel engine to manufacturer specifications as observed in the lab activities.
HMDT-626	Identify and discuss industry safety practices and demonstrate using Personal Protective Equipment (PPE).
HMDT-626	Select and use electronic equipment to test components and compare values as observed in the lab using manufacturers specifications.

HMDT-626	Test each component and demonstrate in a manner consistent with accepted industry standards.
HMDT-628	Identify and discuss industry safety practices and demonstrate how to use Personal Protective Equipment (PPE).
HMDT-628	Perform preventive maintenance on various components and systems.
HMDT-628	Demonstrate, repair, or replace components, analyze the operation and function of the charging and starting systems as observed in the lab.
HMDT-634	Discuss the use of industry safety standards to demonstrate and apply the proper use of Personal Protective Equipment (PPE).
HMDT-634	Use measuring instruments to compare appraise which components to reuse and which to replace as accessed during lab observation.
HMDT-634	Analyze how to recondition and demonstrate how to assemble the engine to manufacturer specifications.
HMDT-635	Identify industry safety practices and discuss the use of Personal Protective Equipment (PPE).
HMDT-635	Perform service to automatic transmission and access in a lab.
HMDT-635	Inspect and adjust the transmission, demonstrating the use of Original Equipment Manufacturer (OEM) specifications and required tools.
HMDT-640	Identify industry safety standards and responsibilities of maintaining and operation a tractor - trailer
HMDT-640	Describe various vehicle components and systems and identify any needs for maintenance repair.
HMDT-641	Explain industry safety and responsibilities and discuss maintaining and operating tractor trailers.
HMDT-641	Discuss and perform a maintenance inspection on various components and systems and evaluate the results of the inspection.
HMDT-641	By use of simulators, you will operate a tractor trailer properly on the streets and highways under various road conditions.
HMDT-664	Identify and evaluate electrical circuits by reading diagrams using diagnostic equipment as performed in the lab.
HMDT-664	Diagnose and repair malfunctions in electrical systems and components and document the results of the repair in lab.
HMDT-664	Perform electrical repair and diagnostic to manufacturer specifications as it relates to industry standards.
HOSP-100	Describe the relationship of human/social need for hospitality services
HOSP-100	Define the goals of various hospitality elements and related products and services
HOSP-100	Discuss the service relationship in terms of psychological needs and social psychological experiences
HOSP-100	Identify key qualities, philosophies, or experiences associated with success in the field
HOSP-120	Recognize hospitality operations and controls
HOSP-120	Discuss the areas of profit and loss within a hospitality establishment
HOSP-120	Analyze a hospitality operation for control points and identify potential problems associated with lack of control in each area of the operation
HOSP-130	Apply concepts learned in class to create a marketing concept for any hospitality establishment

HOSP-130	Apply menu planning concepts learned in class to design a menu for any hospitality establishment
HOSP-130	Describe the procedures and methods used for effective purchasing, receiving and storing
HOSP-130	Recall the concepts, location and design in food and beverage facilities
HOSP-140	Analyze the top five issues of concern to the restaurant business and their solutions.
HOSP-140	Classify lodging facilities based on size, target markets, and levels of service.
HOSP-140	Identify and describe the various operational departments and staff within a full-service hotel.
HOSP-140	Determine room rates based on different strategies such as the Hubbart Formula.
HOSP-140	Prepare a comparative market analysis and develop a plan for improving service and revenue at a selected property.
HOSP-160	Create a HACCP plan for any food service establishment
HOSP-160	Discuss why and how food breaks down while using various cooking techniques
HOSP-160	Explain the differences in the various stocks
HOSP-160	Define the 5 Mother Sauces and explain how they are used and paired with food to enhance flavor
HOSP-160	Identify the various knife cuts and what they are used for
HUMSV-098	Demonstrate proficiency of skills specified in the measurable objectives.
HUMSV-098	Understand the expectation and value of teamwork.
HUMSV-098	Establish and maintain a positive relationship with employer.
HUMSV-130	Identify and explain the psychological, sociological, and physical causes and effects of alcohol and drug abuse.
HUMSV-130	Explain the major prevention and treatment strategies, society's response to addiction, and counseling issues.
HUMSV-130	Interpret reliable public data sources to find statistical and epidemiologic data on incidence, prevalence, and trends in drug, tobacco, and alcohol use.
HUMSV-130	Analyze arguments on both sides of a selected controversial issues.
HUMSV-131	Identify the relationships among trauma, health disorders, substance use disorder, and psychiatric disorders
HUMSV-131	Describe the interactions between cultural, social and familial roles and stigmas
HUMSV-132	Assess and recognize personal biases, accessibility issues, emotional, educational, and safety needs of individuals who have diverse social and cultural backgrounds
HUMSV-132	Apply professional ethics and standards when engaging clients with various cultural backgrounds
HUMSV-132	Describe the impact of substance on differing cultures, family values, gender roles, sexual identity, and socio-economic backgrounds
HUMSV-133	Describe the role of medical professionals as members of the recovery team, as assessed by exams and written assignments
HUMSV-133	Explain the biological impact of alcoholism and other drug dependencies, and their ramifications as related to the treatment and recovery process, as assessed by exams and written assignments
HUMSV-134	Identify family dynamics associated with alcoholism and drug addiction and the impact of the disease on different family members, as assessed by exams, a book report, an assessment paper and written assignments

HUMSV-134	Describe family-oriented approaches to recovery, and the reintegration of the family into the community, as assessed by simulated settings, exams and written assignments
HUMSV-135	Describe any alcohol/drug related problem and systematically develop a prevention strategy and plan to solve the particular problem, as assessed by exams, role play, and written assignments
HUMSV-135	Demonstrate the application of Relapse Prevention Theory in real life situations, and knowledge and skill in Formal Intervention techniques, as assessed by exams, class presentations, simulated settings, and written assignments
HUMSV-136	Students will identify and discuss the critical skills and issues involved in becoming a professional counselor, as assessed by exams, term projects, and written assignments
HUMSV-136	Students will demonstrate screening, intake, orientation, and assessment processes as related to core counselor functions, as assessed by exams, simulated settings, term projects and written assignments
HUMSV-137	Identify and apply specific methods and skills of communication to the counseling setting, as assessed by exams, role-play, and written assignments
HUMSV-137	Describe problems relevant to specific populations and how to apply recovery principles and relapse prevention to each, as assessed by individual projects, exams, and written assignments
HUMSV-140	Describe human services organizational structures and local governing laws.
HUMSV-140	Evaluate the roles and expectations of a caseworker.
HUMSV-140	Interpret the needs of a client in a case study.
HUMSV-147	Students will understand the field of job development, including interviewing, and the use of assessment tool, as assessed by exams and written assignments
HUMSV-147	Students will demonstrate an awareness of job opportunities and models for developing occupational options, as assessed by exams, and written assignments
HUMSV-167	Identify interventional approaches to crisis situations, definitions, theories and models.
HUMSV-167	Describe procedures for effective crisis intervention.
HUMSV-170	Explain the current service delivery system environment in which social work and human service clients' needs are addressed.
HUMSV-170	Describe how to collaborate, negotiate, and advocate with colleagues and clients in working with and within social welfare and human services agencies and institutions.
HUMSV-170	Give examples on how to advocate for marginalized, underprivileged, and under-served populations in our society.
HUMSV-172	Interpret the dynamics operating in groups and in families, including healthy versus dysfunctional aspects.
HUMSV-172	Demonstrate basic techniques of family counseling.
HUMSV-173	Formulate and express the principles, skills, and techniques of the helping process.
HUMSV-173	Apply principles, skills and techniques in simulated clinical situations.
HUMSV-179	Students will identify professional codes of ethics in Human Services related professions, as assessed by exams and written assignments

HUMSV-179	Students will apply the ethical decision making steps to practical problems, as assessed by simulated situations in classroom, exam, and written assignments
HUMSV-195A	Identify and characterize the major components of social work and human service practice.
HUMSV-195A	Identify and apply the strategies of crisis intervention.
HUMSV-195A	Use strategies for therapeutic interventions.
HUMSV-195B	Students will evaluate, analyze and apply the strategies of crisis intervention, as assessed by exams, class presentations, role-play, and written assignments
HUMSV-195B	Students will demonstrate the use of strategies for therapeutic interventions, as assessed by exams, simulated settings, class presentations, and written assignments
HUMSV-198C	Demonstrate proficiency of skills specified in the measurable objectives.
HUMSV-198C	Understand the expectation and value of teamwork.
HUMSV-198C	Establish and maintain a positive relationship with employer.
HUMSV-198D	A contract between the employer, the student, and the college in which measurable workplace learning objectives for the semester are articulated and agreed to by the three parties. Contains a scaled evaluation to be completed by the supervisor at the end of the semester
HUMSV-198F	A contract between the employer, the student, and the college in which measurable workplace learning objectives for the semester are articulated and agreed to by the three parties. Contains a scaled evaluation to be completed by the supervisor at the end of the semester
HUMSV-230	Describe the duties and objectives of counselors in addiction studies and related fields, as assessed by exams, projects, and written assignments
HUMSV-230	Demonstrate the basic skills needed to be successful counselors, and discuss these skills in a class setting, as assessed by exams, role-play in simulated settings and written assignments
HUMSV-231	Students will apply and evaluate the duties and objectives of counselors in addiction studies and related fields, as assessed by exams, projects, and written assignments
HUMSV-231	Students will demonstrate the basic skills needed to be successful counselors, and discuss these skills in a class setting, as assessed by exams, role-play in simulated settings and written assignments
HUMSV-232	The student demonstrate the connection between core course material and workplace skills.
HUMSV-232	The student will demonstrate competency in eight practice domains of counseling skills.
HUMSV-233	The student will demonstrate the connection between core course material and workplace skills.
HUMSV-233	The student will demonstrate competency in eight practice domains of counseling skills.
HUMSV-281A-Z	Evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments
HUMSV-281A-Z	Identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments

HUMSV-281A	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments
HUMSV-281A	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments
HUMSV-281C	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments
HUMSV-281C	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments
HUMSV-281D	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments
HUMSV-281D	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments
HUMSV-281E	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281E	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281F	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281F	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281G	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281G	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281H	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281H	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281I	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281I	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281J	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.

HUMSV-281J	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281K	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281K	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281L	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281L	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281M	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281M	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281N	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281N	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281O	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281O	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281P	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281P	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281Q	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281Q	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281R	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281R	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.

HUMSV-281S	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281S	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281T	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281T	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281U	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281U	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281V	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281V	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281W	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281W	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281X	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281X	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281Y	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281Y	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-281Z	Students will evaluate addictions in various areas of Human Services such as Alcohol/Drug Counseling, Mental Health, Human Development, and Corrections, as assessed by exams and written assignments.
HUMSV-281Z	Students will identify and apply the assessment instruments utilized in the field of addiction, as assessed by exams, hands-on application, and written assignments.
HUMSV-601	Recognize the historical and political development of family violence.
HUMSV-601	Identify and assess theoretical approaches and solutions specific to various populaton within family violence.

HUMSV-601	Define and discuss the skills and techniques of dealing with family violence.
HVAC/R-001	Examine, identify and categorize the operation and components of a typical closed refrigeration system by using the correct technical data and reference materials
HVAC/R-001	Distinguish between different trade tools, soldering, brazing, cutting, and bending refrigerant tubing by using specialty tools, technical data and reference materials to the accuracy stated for each specific operation
HVAC/R-001	Compare the purpose and operation of three different metering systems by using reference materials and technical data
HVAC/R-002	Compare, categorize, and distinguish between the operation and components of typical domestic and commercial refrigeration systems using the correct technical data
HVAC/R-002	Use the correct reference materials and technical data to construct and practice servicing domestic refrigeration units and evaluate operation of the various functions
HVAC/R-003	Categorize, evaluate, and compare any of the refrigeration compressors and control systems and circuits by successful interpretation of schematics and diagrams
HVAC/R-003	Use pressure and temperature measuring devices and evaluate superheat in four different refrigeration systems
HVAC/R-003	Design and build various refrigeration systems by applying refrigeration principles and correctly wire a single-phase compressor according to the proper technical data
HVAC/R-004	Compare and contrast electrical systems, components and circuits by using the correct technical data
HVAC/R-004	Use the proper multi-meter and settings to measure volts, amperes, ohms, and power for a given circuit
HVAC/R-004	Demonstrate safe work practices
HVAC/R-005	Categorize any of the electrical systems by using the correct technical data
HVAC/R-005	Describe the electrical sequence of operation based on technical data and determine the proper solution to the problem and perform a successful operational checkout
HVAC/R-005	Demonstrate safe work practices
HVAC/R-006	Categorize the different types of heating and humidifying systems by cross-listing them
HVAC/R-006	Evaluate the operation of different types of cooling and dehumidifying systems and define problems and service the multiple-control and multiple-stage equipment of both heating and cooling systems by cross-listing these systems
HVAC/R-006	Solve and correct problems by evaluating the multi-meter readings taken based on technical data, and perform an operational checkout to determine if the problem is fixed
HVAC/R-007	Set up and light a gas welding torch using all safety instructions and adjust the welding flame to produce a neutral welding cone that is free of flashbacks and backfires
HVAC/R-007	Apply soldering techniques to copper tubing using a properly adjusted gas welding torch to produce a joint that is visually accepted in accordance with AWS standards of quality

HVAC/R-007	Use welding techniques to attach a metal coupon and fuse the two pieces to complete a welded joint that is free of inclusions, porosity and is acceptable to AWS welding standards of visual inspection
HVAC/R-050C	This course provides comprehensive instructions on three major components of Refrigeration and Air Conditioning systems and represents in an objective way for student understanding
HVAC/R-050C	The student will gain understanding in the operation of condensers and towers
HVAC/R-050C	The student will enhance their knowledge of reciprocating, rotary, screw, centrifugal and scroll compressors
HVAC/R-050C	The student will gain comprehensive knowledge of air cooled condensers, water cooled condensers, evaporated condensers, cooling towers and water treatment
HVAC/R-051C	This course introduces the student to the concept of heat flow
HVAC/R-051C	The student will learn the three principles of heat flow, conduction, convection, and radiation, that is used in heat load calculations for the HVAC – R Industry
HVAC/R-051C	Learn the new approach and new technology for control systems
HVAC/R-051C	The student will use the fundamental approach for air and humidification problems
HVAC/R-052C	Introduces the students to the concepts of heat and the principles of heat flow
HVAC/R-052C	Gives students comprehensible insight principles of loads for residential structures
HVAC/R-052C	The students will be instructed on fan laws and fan classifications
HVAC/R-052C	The insight principle of air distributions with centrifugal fans and fan efficiency
HVAC/R-055C	The students will explore the concepts of heating with gas
HVAC/R-055C	They will learn the lessons related to combustion chemistry, heating fuels, burners and accessories
HVAC/R-055C	In-depth components with natural gas burning and L.P. gas burning
HVAC/R-055C	Efficiency testing of gas burner controls for infrared heating
HVAC/R-055C	The students will learn the importance of proper maintenance, troubleshooting gas, furnace, and condensing furnaces
HVAC/R-056C	The student will learn a beginning introduction to hot water heating and hydronic
HVAC/R-056C	This course will introduce the student instructions in the principles and theories of hot water heating
HVAC/R-056C	The student will learn about hot boiler and controls
HVAC/R-056C	This course will provide the student with heat transfer units. Centrifugal pumps, air control, hot water specialties, and hydronic air problems
HVAC/R-056C	The student will learn about temperature controls, troubleshooting systems, components and analysis of system problems
HVAC/R-057C	Identify various types of diagnostic procedures with tools and testing equipment
HVAC/R-057C	Assess the purpose of pneumatic controls, pneumatic relays, and valves
HVAC/R-057C	Select and use the correct technical data and reference materials to explain the principle of operation of a typical direct-digital (DDC) system

HVAC/R-060C	Correctly use electrical test equipment
HVAC/R-060C	Create "ladder" wiring diagrams from "pictorial" diagrams
HVAC/R-060C	Describe the operation and uses of five popular electric motors used in the HVAC/R industry
HVAC/R-061C	Demonstrate electrical safety and the "Lock-out/Tag-out" procedure
HVAC/R-061C	Demonstrate how to use electrical troubleshooting guides
HVAC/R-061C	Demonstrate the "Hopscotch Troubleshooting Method" with a simulator or on a diagram
HVAC/R-062C	Evaluate the different types of thermostats and program at least three different brands or styles. Student will pass a written examination with a minimum score of 70%
HVAC/R-062C	Read and interpret electrical schematics and build related circuits on boards. Student will be graded on the accuracy of the student-built circuit. A minimum score of 100% will be passing
HVAC/R-062C	Describe the operation and uses of five popular electric motors used in HVAC/R and be able to install all of them to a proper power source. Student will pass a practical examination with a minimum score of 100%
HVAC/R-065C	Examine, identify, and categorize the operation of, and the components of a typical closed heat pump refrigerant system by using the correct technical data and the use of reference materials
HVAC/R-065C	Distinguish between different and special trade tools, technical data and reference materials for accurate data for each specific diagnosis of various problems related to service
HVAC/R-065C	Compare the purpose and operation of reversing valves, check valves, and different metering valves by using specialty tools, meters and technical data
HVAC/R-066C	Examine, identify and categorize the operation of, and utilize troubleshooting with flow charts for heat pump system diagnosis, and identify different heat pump wiring schematics, following various heat pump service procedure
HVAC/R-066C	Distinguish between different refrigerant-side troubleshooting on water-source systems, and air-to-air type systems
HVAC/R-066C	List causes for various temperatures and air flow balancing problems in the heat pump systems
HVAC/R-067C	Explain what an economizer is and how it operates
HVAC/R-067C	Estimate the capacity requirements for a chiller system
HVAC/R-067C	Estimate the air filter capacity and determine the frequency of maintenance on replaceable and electronic air-cleaning equipment
HVAC/R-068C	Explain the pneumatic, electric, and electronic controllers
HVAC/R-068C	Define gauge and absolute pressures
HVAC/R-068C	Identify control systems and gauge readings for troubleshooting
HVAC/R-098	Demonstrate proficiency of skills specified in the measurable objectives
HVAC/R-098	Understand the expectation and value of teamwork
HVAC/R-098	Establish and maintain a positive relationship with employer

HVAC/R-601	Students will demonstrate their ability to examine, identify and categorize the operation and components of a typical closed refrigeration system by using the correct technical data and reference materials
HVAC/R-601	Students will distinguish between different trade tools, soldering, brazing, cutting, and bending refrigerant tubing by using specialty tools, technical data and reference materials to the accuracy stated for each specific operation
HVAC/R-601	Students will demonstrate their ability to compare the purpose and operation of three different metering systems by using reference materials and technical data
INSPEC-011	Define soil by type, including: coarse or fine grained elements and color using the Unified Soils Classification System and the California Code as Standards
INSPEC-011	Interpret a batch ticket and verify the type and grade of concrete to ensure code compliance for a specified application
INSPEC-011	Identify critical foundation design features and components required on foundation plans
INSPEC-012	Determine if the framing called for on a blueprint meets the requirements of the CA Building Code
INSPEC-012	Properly identify critical design features and components required on plans pertaining to: construction types, methods, framing, design, structural systems and connection requirements for wood, steel and masonry
INSPEC-013	Verify if a building meets the requirements of the IBC when comparing the plans with the basic requirements including: construction types, occupancies, uses, and locations on a property
INSPEC-013	Identify critical design features and components that pertain to fire requirements and disabled access
INSPEC-013	Apply span tables to verify the applicable engineering requirements were met
INSPEC-014	Read construction plans to analyze a structures electrical load requirements and determine the minimum ampere rating size of an electrical service main breaker as established by the California Electrical Code
INSPEC-014	Properly identify building grounds and determine adequacy as required by the NEC
INSPEC-015	Evaluate a residential vent system's cross sectional area for compliance as required by the UPC
INSPEC-015	Evaluate distribution lines for a residential water closet, lavatory, and bathtub/shower to determine compliance with the UPC sizing requirements
INSPEC-016	Use the UMC to obtain installation requirements for attic, floor, wall, and compartment furnaces to determine compliance for: clearances to combustibles, combustion air requirements, access, and working clearances
INSPEC-016	Calculate the required size of furnace vents as applicable/required by the UMC
INSPEC-017	Assign a CEC climate zone description to specific locations by using weather data and energy budgets presented in the California Energy Code
INSPEC-017	Write site specific requirements for minimum levels of insulation in walls and ceiling for structures based upon climatic conditions as presented in the California Energy Code
INSPEC-018	Define the Alternative Calculation Method (ACM) authorized by the California Energy Code that allows computer modeling to analyze the performance of the building envelope, mechanical systems, and lighting for energy consumption

INSPEC-018	Determine building lighting power allowance for energy consumption by assigning an occupancy type as defined in the California Energy Code
INSPEC-026	Locate a site by reading a plot plan to determine a structures street address, lot dimensions, distances to property lines, and other structures
INSPEC-026	Identify required preconstruction plan requirements and design elements and verify if a set of plans meets the California Building Code standards
INSPEC-027	Identify required preconstruction plan requirements and design elements and verify if a set of plans meets the California Building Code standards
INSPEC-027	Review the design for wood, steel, and concrete construction taking into account: force, loading and reactions
INSPEC-028	Verify that a foundation for a residential structure meets the requirements of the California Residential Code
INSPEC-028	Verify that the framing for a residential structure meets the requirements of the California Residential Code
INSPEC-028	Verify that the lighting and ventilation for a residential structure meets the requirements of the California Residential Code
INSPEC-029	Utilize the State Health and Safety Code to measure standards of living
INSPEC-029	Identify State Health and Safety Code violations, prepare correction notices and documents for court presentation
INSPEC-029	Clearly and effectively communicate in both oral and written communications
INSPEC-030	Effectively communicate and prepare correction notices that meet all regulatory requirements
INSPEC-030	Evaluate disabled accessibility on a set of plans to determine compliance with local and state requirements
INSPEC-030	Determine inspection schedules for a construction project
INSPEC-098	Demonstrate proficiency of skills specified in the measurable objectives
INSPEC-098	Understand the expectation and value of teamwork
INSPEC-098	Establish and maintain a positive relationship with employer
INSPEC-611	Define soil by type, including: coarse or fine grained elements and color using the Unified Soils Classification System and the California Code as Standards
INSPEC-611	Interpret a batch ticket and verify the type and grade of concrete to ensure code compliance for a specified application
INSPEC-611	Identify critical foundation design features and components required on foundation plans
INSPEC-612	Determine if the framing called for on a blueprint meets the requirements of the CA Building Code
INSPEC-612	Properly identify critical design features and components required on plans pertaining to: construction types, methods, framing, design, structural systems and connection requirements for wood, steel and masonry
INSPEC-613	Verify if a building meets the requirements of the IBC when comparing the plans with the basic requirements including: construction types, occupancies, uses, and locations on a property
INSPEC-613	Identify critical design features and components that pertain to fire requirements and disabled access
INSPEC-613	Apply span tables to verify the applicable engineering requirements were met

INSPEC-614	Read construction plans to analyze a structures electrical load requirements and determine the minimum ampere rating size of an electrical service main breaker as established by the California Electrical Code
INSPEC-614	Properly identify building grounds and determine adequacy as required by the NEC
INSPEC-615	Evaluate a residential vent system's cross sectional area for compliance as required by the UPC
INSPEC-615	Evaluate distribution lines for a residential water closet, lavatory, and bathtub/shower to determine compliance with the UPC sizing requirements
INSPEC-616	Use the UMC to obtain installation requirements for attic, floor, wall, and compartment furnaces to determine compliance for: clearances to combustibles, combustion air requirements, access, and working clearances
INSPEC-616	Calculate the required size of furnace vents as applicable/required by the UMC
INSPEC-617	Assign a CEC climate zone description to specific locations by using weather data and energy budgets presented in the California Energy Code
INSPEC-617	Write site specific requirements for minimum levels of insulation in walls and ceiling for structures based upon climatic conditions as presented in the California Energy Code
INSPEC-618	Define the Alternative Calculation Method (ACM) authorized by the California Energy Code that allows computer modeling to analyze the performance of the building envelope, mechanical systems, and lighting for energy consumption
INSPEC-618	Determine building lighting power allowance for energy consumption by assigning an occupancy type as defined in the California Energy Code
INSPEC-626	Locate a site by reading a plot plan to determine a structures street address, lot dimensions, distances to property lines, and other structures
INSPEC-626	Identify required preconstruction plan requirements and design elements and verify if a set of plans meets the California Building Code standards
INSPEC-627	Identify required preconstruction plan requirements and design elements and verify if a set of plans meets the California Building Code standards
INSPEC-627	Review the design for wood, steel, and concrete construction taking into account: force, loading and reactions
INSPEC-628	Verify that a foundation for a residential structure meets the requirements of the California Residential Code
INSPEC-628	Verify that the framing for a residential structure meets the requirements of the California Residential Code
INSPEC-628	Verify that the lighting and ventilation for a residential structure meets the requirements of the California Residential Code
INSPEC-629	Utilize the State Health and Safety Code to measure standards of living
INSPEC-629	Identify State Health and Safety Code violations, prepare correction notices and documents for court presentation
INSPEC-629	Clearly and effectively communicate in both oral and written communications
INSPEC-630	Effectively communicate and prepare correction notices that meet all regulatory requirements
INSPEC-630	Evaluate disabled accessibility on a set of plans to determine compliance with local and state requirements

INSPEC-630	Determine inspection schedules for a construction project
KIN-080	Design a personalized weight training workout.
KIN-080	Analyze the personal history of an individual wishing to begin a training program.
KIN-080	Identify the five components of fitness.
KIN-081	Evaluate exercise test results and design an individual exercise program.
KIN-081	Measure cardiorespiratory endurance; muscular strength and endurance; joint flexibility; lung volume; body composition; and blood pressure, then interpret the results.
KIN-081	Describe various exercise tests and apply the correct test to a given situation.
KIN-098	Demonstrate proficiency of skills specified in the measurable objectives
KIN-098	Understand the expectation and value of teamwork
KIN-098	Establish and maintain a positive relationship with employer
KIN-101	Explain the psychological effects that impact motor performance
KIN-101	Apply various mental techniques to enhance sport performance
KIN-101	Describe how various coaching styles improve individual and team performance
KIN-104	Analyze principles of the physiological processes regarding nutrition and exercise to determine the impact on diet and health
KIN-104	Identify the nutritional needs of different individuals for athletic or exercise performance
KIN-104	Apply the science of nutrient timing to exercise and athletic competition
KIN-106	Identify the roles of athletic administrators across all sports settings
KIN-106	Identify the risks inherent in sports participation and create a risk management plan
KIN-106	Prepare a basic athletic management plan for a high school athletic department
KIN-200	Describe the history, philosophies, and programs of Kinesiology.
KIN-200	Identify the range of pathways and possible career opportunities in Kinesiology.
KIN-200	Describe the historical, ethical, and philosophical foundations of Kinesiology.
KIN-202	Identify the historical foundations of physical education and sport.
KIN-202	Describe and list the branches of philosophy and the philosophic systems of physical education and sport.
KIN-203	Describe and list the philosophies of coaching.
KIN-203	Identify coaching techniques and strategies.
KIN-205	Identify organizational theory at professional, international, grassroots, youth and community levels
KIN-205	Identify the risks inherent in sports participation and cultivate a safety and injury prevention plan
KIN-205	Prepare a basic athletic management plan for a sports program at various levels
KIN-210	The student will be able to explain the rules for a variety of sports
KIN-210	The student will be able to demonstrate the correct mechanics of officiating
KIN-222	The student will demonstrate increased knowledge in the field of Kinesiology

KIN-222	The student will demonstrate an understanding of current trends in Kinesiology
KIN-231	The student will be able to assess injuries, illnesses and emergency situations
KIN-231	The student will be able to develop a plan of action in emergency situations
KIN-231	The student will demonstrate the basic skills and techniques of cardiopulmonary resuscitation (CPR) and the use of the automated external defibrillator (AED) for victims of heart related problems or illnesses
KIN-232	The student will be able to demonstrate an understanding of prevention and care of Athletic Injuries
KIN-236	The student will demonstrate an understanding of the physiological, psychological and sociological issues related to stress throughout their lifespan
KIN-236	The student will demonstrate an understanding of the use of a variety of stress management tools
KIN-600	Identify the anatomical mechanisms that cause crown first collision when performing a tackle
KIN-600	Evaluate role and coaching philosophy to determine unsafe practices that could jeopardize player health and well-being
KIN-600	Communicate how to ease the fears regarding inherent football related head, neck, back and catastrophic injury caused by "Crown" first collisions due to erroneous/injurious instruction
KIN-600	Explain the five pillars of installation that provides student with the framework to implement/install/teach the Helmet Free Tackle Training & Performance curriculum in their youth football program
KIN-631	Identify and assess injuries, illnesses and emergency situations.
KIN-631	Develop a plan of action in emergency situations.
KIN-631	Demonstrate the basic skills and techniques of Cardio-Pulmonary Resuscitation (CPR) and the use of the Automated External Defibrillator (AED) for victims of heart related problems or illnesses
KINA-186A	Demonstrate a beginning level or maintain or increase range of motion within personal abilities
KINA-186A	Identify two different techniques for reducing stress
KINA-186A	Perform three stretching exercises using proper technique, within personal abilities
KINA-186B	Demonstrate an improved or maintain a range of motion, within personal abilities.
KINA-186B	Identify three different techniques for reducing stress
KINA-186B	Perform five stretching exercises using proper technique, within personal abilities
KINA-186B	Apply meditation techniques, within personal abilities, to enhance breathing and mental focus
KINA-186C	Apply previously learned skill to improve or maintain range of motion, within personal abilities
KINA-186C	Develop personal goals to improve performance in seven stretches to increase flexibility, within personal abilities
KINA-186C	Create different techniques for reducing stress, within personal abilities, and leading a class
KINA-186C	Demonstrate seven stretching exercises using proper technique, within personal abilities
KINA-186C	List the safety in stretching and the benefits of meditation, within personal abilities
KINA-187A	Perform at least two correct basic boxing punches in beginner level boxing for fitness
KINA-187A	Demonstrate at least two boxing stances, within personal abilities, in beginner level boxing for fitness

KINA-187A	Participate in a beginning level boxing for fitness using physical fitness components
KINA-187A	Identify the equipment and safety in boxing for fitness
KINA-187B	Perform at least three correct basic boxing punches in intermediate level boxing for fitness
KINA-187B	Demonstrate at least three boxing stances, within personal abilities, in intermediate level boxing for fitness
KINA-187B	Create and combine an intermediate level boxing for fitness routine for 15 minutes using previously learned boxing stances and punches
KINA-187B	Explain strategy in defense skills in intermediate level boxing for fitness
KINA-187C	Perform at least four correct boxing punches in advance level boxing for fitness
KINA-187C	Demonstrate at least four boxing stances, within personal abilities, in advance level boxing for fitness
KINA-187C	Create an advanced proper warm up and cool down routine fitness for boxing to teach a beginner level
KINA-187C	Develop and implement a one-month personal fitness plan using previously learned skills and techniques in boxing for fitness
KINA-188A	Demonstrate maintenance of functional range of motion, muscular strength and cardiovascular endurance within personal abilities
KINA-188A	Perform exercises on at least three machines using proper technique within personal abilities
KINA-188A	Identify the major muscle groups of the human body
KINA-188B	Demonstrate improvement of functional range of motion, muscular strength and cardiovascular endurance within personal abilities
KINA-188B	Perform five body-weight exercises and/or exercises on five machines using proper technique within personal abilities
KINA-188B	Identify the major muscle groups of the human body
KINA-188C	Demonstrate maximize functional range of motion, muscular strength and cardiovascular endurance
KINA-188C	Perform seven body-weight exercises and/or exercises on seven machines using proper technique within personal abilities
KINA-188C	Design an exercise program by selecting different exercises or machines for focusing on each of the major muscle groups of the human body within personal abilities
KINA-189A	The student will demonstrate an improvement in muscular strength and endurance
KINA-189A	The student will be able to perform exercises on three machines using proper technique
KINA-189A	The student will recognize the major muscle groups of the human body
KINA-189B	The student will demonstrate an improvement in functional muscular strength and endurance
KINA-189B	The student will be able to perform five body weight exercises, as well as use five exercise machines with proper technique
KINA-189B	The student will be able to name the major muscle groups of the human body
KINA-189C	The student will maximize functional muscular strength and endurance

KINA-189C	The student will be able to perform seven body weight exercises, as well as use seven exercise machines with proper technique
KINA-189C	The student will be able to design an exercise program by selecting different body-weight exercises or exercise machines for focusing on each of the major muscle groups of the human body
KINA-190A	Demonstrate the proper form and body distance for beginning level self-defense skills
KINA-190A	Participate in a warm-up and cool down to maintain or improve physical fitness
KINA-190A	Explain Krav Maga in beginning level self-defense skills to maintain or improve awareness and mental focus
KINA-190B	Demonstrate the proper form and body distance for intermediate level self-defense skills
KINA-190B	Illustrate a warm-up and cool down to maintain or improve physical fitness
KINA-190B	Explain Krav Maga in intermediate level self-defense skills to maintain or improve mental focus
KINA-190C	Demonstrate the proper form of lower body in advanced level self-defense skills
KINA-190C	Create and lead a beginning level warm-up and cool down for beginning level students
KINA-190C	Identify warning signs and safety against weapons
KINA-190C	Develop personal goals in advanced Krav Maga to safely protect themselves during an attack
KINA-190C	Combine and apply shadow hits and kicks or use a Body Opponent Bag (BOB)
KINF-100A	Perform beginning level Pilates mat exercises
KINF-100A	Perform basic Pilates and movement principles
KINF-100A	Identify the major musculature and core muscles of the body
KINF-100B	Perform intermediate level Pilates mat exercises
KINF-100B	Prepare and perform an intermediate Pilates routine
KINF-100B	Identify the correlation between intermediate Pilates exercises and the major musculature and core muscles of the body
KINF-100C	Perform advanced level Pilates mat exercises
KINF-100C	Prepare and perform an advanced Pilates routine
KINF-100C	Identify the correlation between advanced Pilates exercises and the major musculature and core muscles of the body
KINF-101A	The student will demonstrate an understanding of proper form and body alignment for beginner level boxing techniques and drills
KINF-101A	The student will demonstrate an understanding of a proper warm up and cool down routine
KINF-101A	The student will demonstrate improvement in each fitness component covered in class
KINF-101B	The student will demonstrate an understanding of proper form and body alignment for intermediate level boxing techniques and drills
KINF-101B	The student will demonstrate completion of a proper warm up and cool down routine
KINF-101B	The student will demonstrate proper technique for two and three-punch combinations

KINF-101C	The student will demonstrate an understanding of proper form and body alignment for advanced level boxing techniques and drills
KINF-101C	The student will create and lead a proper warm up and cool down routine
KINF-101C	The student will demonstrate proper technique for offensive and counter-punching combinations
KINF-102A	Identify basic spinning terminology and safety protocols
KINF-102A	Implement proper basic spinning techniques
KINF-102A	Demonstrate improved cardiovascular fitness, leg strength and body composition
KINF-102B	Develop and complete an intermediate spinning routine including hand position, rhythmic movements, jumps and variations
KINF-102B	Demonstrate improved cardiovascular fitness including growth in anaerobic and aerobic workout levels
KINF-102B	Demonstrate sustainability during intermediate spin routines
KINF-102C	Demonstrate improved cardiovascular fitness including growth in sustainability, anaerobic and aerobic workout levels
KINF-102C	Develop and complete an advanced spinning routine including contralateral and off saddle variations within the workout
KINF-102C	Utilize advanced strategies in nutrition, hydration and abdominal exercises to enhance their spin routines and results
KINF-105A	Improve cardiovascular fitness
KINF-105A	Calculate the target heart rate (THR)
KINF-105A	Improve muscle movement memory and coordination
KINF-105B	Improve cardiovascular fitness level
KINF-105B	Calculate the target heart rate (THR)
KINF-105B	Improve muscle movement memory and coordination
KINF-105C	Design warm-up and cool-down exercise routines
KINF-105C	Design an intermediate level step aerobics routine
KINF-105C	Lead an intermediate level step aerobics routine
KINF-108A	Employ safe and proper equipment set-up protocols
KINF-108A	Use proper techniques for single joint resistance exercises
KINF-108A	Improve muscle strength and endurance
KINF-108B	Employ safe and proper spotting techniques
KINF-108B	Use proper techniques for multi-joint resistance exercises
KINF-108B	Improve muscle strength and endurance
KINF-108C	Design a basic weight training program
KINF-108C	Demonstrate proper techniques for Olympic-lift resistance exercises

KINF-108C	Administer fitness tests
KINF-112A	Utilize fitness concepts and movement skills to improve, to a beginner level, overall fitness, strength and endurance
KINF-112A	Demonstrate a beginner level of cardiovascular fitness, muscular strength and muscular endurance
KINF-112B	Utilize fitness concepts and movement skills to improve, to an intermediate level, their overall fitness, strength and endurance
KINF-112B	Demonstrate an intermediate level of cardiovascular fitness, muscular strength and muscular endurance
KINF-112C	Utilize fitness concepts and movement skills to improve, to an advanced level, overall fitness, strength and endurance
KINF-112C	Demonstrate an advanced level of cardiovascular fitness, muscular strength and muscular endurance
KINF-115A	Measure resting heart rate and determine target heart rate to achieve health benefits.
KINF-115A	Explain how the health benefits of the five physical components can increase overall health and awareness of preventative diseases.
KINF-115A	Apply beginning-level HIIT work-to-recovery ratios to improve overall aerobic and muscular fitness.
KINF-115B	Employ intermediate-level timed movements utilizing work-to-recovery ratio.
KINF-115B	Identify intermediate-level interval timed movements to improve overall aerobic fitness, strength, and power.
KINF-115B	Develop a timed intermediate-level interval work-to-recovery ratio routine to improve aerobic and muscular fitness.
KINF-115C	Use and develop advanced-level high intensity work-to-recovery ratio.
KINF-115C	Analyze the advanced-level high intensity work-to-recovery ratio to increase aerobic and muscular fitness.
KINF-115C	Develop an advanced-level interval routine utilizing the fitness components to improve overall fitness.
KINF-127A	Demonstrate a beginner level of cardiovascular fitness
KINF-127A	Calculate their target heart rate (THR)
KINF-127B	Demonstrate an intermediate level of cardiovascular fitness
KINF-127B	Design a walking program for beginning level students
KINF-127C	Demonstrate an advanced level of cardiovascular fitness
KINF-127C	Design a walking program for intermediate level students
KINF-132A	Employ beginning level skills, techniques and strategies of distance running
KINF-132A	Demonstrate beginner level running efficiency, technique and cardiovascular fitness
KINF-132B	Employ intermediate level skills, techniques and strategies of distance running
KINF-132B	Demonstrate intermediate level running efficiency, technique and cardiovascular fitness
KINF-132C	Employ advanced level skills, techniques and strategies of distance running
KINF-132C	Demonstrate advanced level running efficiency, technique and cardiovascular fitness
KINF-138A	Utilize a variety of beginning level fitness components
KINF-138A	Explain the components of fitness

KINF-138B	Utilize a variety of intermediate level fitness components
KINF-138B	Design a beginner level fitness program
KINF-138C	Utilize a variety of advanced level fitness components
KINF-138C	Design an intermediate level fitness program
KINF-142A	Use correct form and body alignment on all exercises
KINF-142A	Perform a proper warm up and cool down routine
KINF-142A	Demonstrate improved muscle strength
KINF-142B	Use correct form and body alignment on all exercises
KINF-142B	Increase muscle strength and endurance
KINF-142B	Demonstrate improved cardiovascular fitness
KINF-142C	Design a training program
KINF-142C	Analyze how nutrition and hydration affect sports performance
KINF-142C	Demonstrate improved fitness in muscle strength and endurance, cardiovascular fitness and speed
KINF-154A	Create a first aid kit suitable for day hike use
KINF-154A	Prepare a backpack that has items needed for a day hike
KINF-154A	Determine a proper day hike for their fitness level and implement appropriate safety protocols
KINF-154B	Create a first aid kit suitable for use on a day long or overnight hike
KINF-154B	Assemble a backpack of gear needed to safely participate in a day long or overnight hike
KINF-154B	Determine and prepare for a proper day long or overnight hike for their fitness level and implement appropriate safety protocols
KINF-154C	Prepare for and participate in two advanced hikes within their community
KINF-154C	Cite a variety of trails in the local area
KINF-154C	Identify precautions for safety on advanced hikes including various terrains, altitudes, obstacles and dangerous encounters
KINF-168A	Improve balance, flexibility, muscle strength and endurance
KINF-168A	Use beginning level meditation, breathing and relaxation techniques
KINF-168A	Demonstrate 10 postures/poses with proficiency
KINF-168B	Improve balance, flexibility, muscle strength and endurance
KINF-168B	Use intermediate level meditation, breathing and relaxation techniques
KINF-168B	Demonstrate 15 postures/poses with proficiency
KINF-168C	Improve balance, flexibility, muscle strength and endurance
KINF-168C	Guide fellow students in beginning level meditation, breathing and relaxation techniques
KINF-168C	Demonstrate 25 postures/poses with proficiency
KINF-184A	Apply beginning level skills of self-defense through the use of blocking, shifting, striking, punching and kicking.

KINF-184A	Demonstrate beginning level hand movements needed for the art of unarmed defense.
KINF-184A	Perform a beginning level Kata.
KINF-184B	Apply intermediate skills of self-defense through the use of blocking, shifting, punching, striking, and kicking.
KINF-184B	Perform and develop intermediate skill combinations.
KINF-184B	Identify a formal kata of Shito-ryu.
KINF-184C	Apply advanced level skills of self-defense through the use of blocking, shifting, punching, striking, and kicking.
KINF-184C	Perform and develop advanced level skill combinations.
KINF-184C	Identify the core values of Karate.
KINF-190A	Investigate the history of Tai Chi
KINF-190A	Perform a Tai Chi routine of the 12 basic forms
KINF-190B	Analyze of the health benefits of Tai Chi
KINF-190B	Perform a Tai Chi routine of the 24 forms with correct technique in sequential order
KINF-190C	Compare and contrast the four major Tai Chi styles
KINF-190C	Perform a Tai Chi routine of the 42 forms with correct technique in sequential order
KINS-100A	Explain the techniques, strategies, etiquette and rules of the sport of baseball
KINS-100A	Perform beginning level skills used within the sport of baseball
KINS-100B	Apply intermediate level techniques, strategies, etiquette and rules of the sport of baseball
KINS-100B	Perform intermediate level skills used within the sport of baseball
KINS-100C	Apply advanced level techniques, strategies, etiquette and rules of the sport of baseball
KINS-100C	Perform advanced level skills used within the sport of baseball
KINS-103A	Employ beginner level techniques, strategies, etiquette and rules of the sport of badminton
KINS-103A	Perform various beginner level skills associated with the sport of badminton
KINS-103B	Employ intermediate level techniques, strategies, and rules of the sport of badminton
KINS-103B	Perform various intermediate level skills associated with the sport of badminton
KINS-103C	Employ advanced level techniques, strategies, and rules of the sport of badminton
KINS-103C	Perform various advanced level skills associated with the sport of badminton
KINS-104A	Use beginner level techniques, strategies, etiquette and rules of the sport of basketball
KINS-104A	Perform various beginner level skills associated with the sport of basketball
KINS-104B	Use intermediate level techniques, strategies, etiquette and rules of the sport of basketball
KINS-104B	Perform various intermediate level skills associated with the sport of basketball
KINS-104C	Use advanced level techniques, strategies, etiquette and rules of the sport of basketball
KINS-104C	Perform various advanced level skills associated with the sport of basketball
KINS-107A	Perform at a beginner level of cardiovascular fitness
KINS-107A	Demonstrate beginner level offensive and defensive skills

KINS-107A	Describe the rules of game play in Ultimate Frisbee
KINS-107B	Perform at an intermediate level of cardiovascular fitness
KINS-107B	Demonstrate intermediate level offensive and defensive skills
KINS-107B	Explain appropriate strategies for team play for Ultimate Frisbee
KINS-107C	Perform at an advanced level of cardiovascular fitness
KINS-107C	Demonstrate advanced level offensive and defensive skills
KINS-107C	Create and implement appropriate offensive and defensive strategies for team play in Ultimate Frisbee
KINS-108A	Use beginner level techniques, strategies, etiquette and rules of the sport of football
KINS-108A	Perform various beginner level skills associated with the sport of football
KINS-108B	Use intermediate level techniques, strategies, etiquette and rules of the sport of football
KINS-108B	Perform various intermediate level skills associated with the sport of football
KINS-108C	Use advanced level techniques, strategies, etiquette and rules of the sport of football
KINS-108C	Perform various advanced level skills associated with the sport of football
KINS-110A	Explain the rules of futsal
KINS-110A	Utilize beginning level futsal skills
KINS-110A	Apply basic defensive techniques in game play
KINS-110A	Recognize the components of fitness utilized in the game of futsal
KINS-110B	Develop proficiency in intermediate futsal skills and techniques
KINS-110B	Analyze offensive and defensive strategies for specific game situations and react accordingly
KINS-110B	Identify futsal positional roles and the techniques and strategies needed to play each position
KINS-110C	Demonstrate proficiency in advanced futsal skills
KINS-110C	Analyze opponent game tactics and strategies and react accordingly
KINS-110C	Assess playing conditions and identify safety concerns
KINS-112A	Demonstrate a beginning level of cardiovascular fitness
KINS-112A	Exhibit beginning level indoor soccer skills
KINS-112B	Demonstrate an intermediate level of cardiovascular fitness
KINS-112B	Exhibit intermediate level technical indoor soccer skills
KINS-112C	Demonstrate an advanced level of cardiovascular fitness
KINS-112C	Utilize knowledge of team strategies for successful game play
KINS-116A	Use beginner level techniques, strategies, etiquette and rules of the sport of soccer
KINS-116A	Perform various beginner level skills associated with the sport of soccer
KINS-116B	Use intermediate level techniques, strategies, and rules of the sport of soccer
KINS-116B	Perform various intermediate level skills associated with the sport of soccer
KINS-116C	Use advanced level techniques, strategies, and rules of the sport of soccer

KINS-116C	Perform various advanced level skills associated with the sport of soccer
KINS-120A	Employ beginner level techniques, strategies, etiquette and rules of the sport of softball
KINS-120A	Perform various beginner level skills associated with the sport of softball
KINS-120B	Employ intermediate level techniques, strategies, etiquette and rules of the sport of softball
KINS-120B	Perform intermediate level skills associated with the sport of softball
KINS-120C	Employ advanced level techniques, strategies, etiquette and rules of the sport of softball
KINS-120C	Perform advanced level skills associated with the sport of softball
KINS-124A	Employ beginning level techniques, strategies, etiquette and rules of the sport of volleyball
KINS-124A	Perform various beginner level skills associated with the sport of volleyball
KINS-124B	Employ intermediate level techniques, strategies, etiquette and rules of the sport of volleyball
KINS-124B	Perform intermediate level skills associated with the sport of volleyball
KINS-124C	Employ advanced level techniques, strategies, etiquette and rules of the sport of volleyball
KINS-124C	Perform advanced level skills associated with the sport of volleyball
KINS-150A	Demonstrate the beginning level skill techniques within the sport of table tennis.
KINS-150A	Explain the rules of the sport of table tennis.
KINS-150B	Apply intermediate level court etiquette in the sport of table tennis.
KINS-150B	Perform intermediate level technique and skills used within the sport of table tennis.
KINS-150C	Explain advanced level strategies, court etiquette, and skill techniques within the sport of table tennis.
KINS-150C	Apply advanced level game play within the sport of table tennis.
KINX-110AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate cross country
KINX-110AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate cross country
KINX-110BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate cross country
KINX-110BX3	The student will be able to demonstrate advanced level knowledge of race strategies for intercollegiate cross country competition
KINX-110CX3	The student will be able to exhibit advanced levels of communication skills with teammates
KINX-110CX3	The student will be able to evaluate opponents and develop strategies for successful cross country competition
KINX-111AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate cross country
KINX-111AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate cross country
KINX-111BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate cross country

KINX-111BX3	The student will be able to demonstrate advanced level knowledge of race strategies for intercollegiate cross country competition
KINX-111CX3	The student will be able to exhibit advanced levels of communication skills with teammates
KINX-111CX3	The student will be able to evaluate opponents and develop strategies for successful cross country competition
KINX-112AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate football.
KINX-112AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate football.
KINX-112BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate football.
KINX-112BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate football.
KINX-112CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-112CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-113AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate football.
KINX-113AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate football.
KINX-113BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate football.
KINX-113BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate football.
KINX-113CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-113CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-114AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate soccer.
KINX-114AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate soccer.
KINX-114BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate soccer.
KINX-114BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate soccer.
KINX-114BX3	Upon successful completion of the second semester of this course: 1. The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate soccer.
KINX-114BX3	Upon successful completion of the second semester of this course: 2. The student will be able to demonstrate an advanced level of skill and technique required for intercollegiate soccer competition.
KINX-114BX3	Upon successful completion of the third semester of this course: 1. The student will be able to develop and individualized soccer specific conditioning plan to implement the upcoming season.
KINX-114BX3	Upon successful completion of the third semester of this course: 2. The student will be able to demonstrate advanced knowledge of all positions within the sport of soccer.
KINX-114CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-114CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-115AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate soccer.
KINX-115AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate soccer.
KINX-115BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate soccer.
KINX-115BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate soccer.

KINX-115CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-115CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-116AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate volleyball.
KINX-116AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate volleyball.
KINX-116BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate volleyball.
KINX-116BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate volleyball.
KINX-116CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-116CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-120AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate basketball.
KINX-120AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate basketball.
KINX-120BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate basketball.
KINX-120BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate basketball.
KINX-120CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-120CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-120DX4	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate basketball competition.
KINX-120DX4	The student will be able to demonstrate an advanced level of individual skill needed for intercollegiate basketball competition.
KINX-121AX3	The student will be able to demonstrate a basic level of physical conditioning for intercollegiate basketball competition.
KINX-121AX3	The student will be able to demonstrate a basic level of individual skill needed for intercollegiate basketball competition.
KINX-121BX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate basketball competition.
KINX-121BX3	The student will be able to demonstrate an intermediate level of individual skill needed for intercollegiate basketball competition.
KINX-121CX3	The student will be able to demonstrate intermediate skills in a secondary position for intercollegiate basketball.
KINX-121CX3	The student will be able to demonstrate intermediate proficiency in shooting and scoring the basketball.
KINX-121DX4	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate basketball competition.
KINX-121DX4	The student will be able to demonstrate an advanced level of individual skill needed for intercollegiate basketball competition.

KINX-130AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate baseball.
KINX-130AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate baseball.
KINX-130BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate baseball.
KINX-130BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate baseball.
KINX-130CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-130CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-131AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate softball.
KINX-131AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate softball.
KINX-131BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate softball.
KINX-131BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate softball.
KINX-131CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-131CX3	The student will be able to evaluate opponents and develop strategies for successful competition.
KINX-132AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate track and field events.
KINX-132AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate track and field.
KINX-132BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate track and field events.
KINX-132BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate track and field.
KINX-132CX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate track and field events.
KINX-132CX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate track and field.
KINX-133AX3	The student will be able to demonstrate the intermediate skills necessary to compete in intercollegiate track and field events.
KINX-133AX3	The student will be able to demonstrate an intermediate level of physical conditioning for intercollegiate track and field.
KINX-133BX3	The student will be able to demonstrate the advanced skills necessary to compete in intercollegiate track and field events.
KINX-133BX3	The student will be able to demonstrate an advanced level of physical conditioning for intercollegiate track and field.
KINX-133CX3	The student will be able to exhibit advanced levels of communication skills with teammates.
KINX-133CX3	The student will be able to evaluate opponents and develop strategies for successful competition.

LIB-062	Assess damaged library material(s) to determine both the correct repairs needed and the materials required.
LIB-062	Accurately implement the repair in order to restore the library materials(s) for use.
LIB-063	Develop proficiency in reader's advisory interviewing techniques in order to successfully match readers to books of interest.
LIB-063	Become familiar with the story elements; genres, appeals, themes, and cultures.
LIB-064	Identify the four types of libraries and explain the users, collections, programs, and services of each type.
LIB-064	Identify and examine core values and ethics in the library profession.
LIB-064	Critique library materials, services, programs, and outreach as presented in the online environment.
LIB-064	Identify and discuss efforts by library professional organizations to infuse the profession with antiracist policy and practices and communicate how library practices reflect the communities that libraries serve.
LIB-065	Identify customer service skills and listening techniques as they apply to the library setting.
LIB-065	Classify, describe, and illustrate library public services in the areas of circulation, reference, database and digital resources, events and outreach, and communication.
LIB-065	Employ established techniques when performing a reference interview.
LIB-065	Demonstrate commitment to equity and diversity in the context of a library or library-related job application.
LIB-066	Apply knowledge of collection augmentation, development, budgeting, evaluation, and maintenance in order to effectively build and maintain a library's collection
LIB-067	Explain the procedures of copy cataloging.
LIB-067	Compare and contrast Dewey Decimal classification and Library of Congress classification.
LIB-067	Compare MARC authority records and MARC bibliographic records.
LIB-067	Determine Library of Congress and Sears subject headings for a given work.
LIB-070	Create and administer an Integrated Library Systems that includes library holdings, patron records, circulation policies, and a functional Online Public Access Catalog
LIB-070	Analyze current and emerging technologies for library operations and library users and determine how those technologies can be applied in libraries of all types
LIB-071	Create themed displays and programs appropriate for difference age groups
LIB-071	Evaluate a variety of print and media materials and apply appropriate copyright and/or performance rights law to use of materials
LIB-072	Summarize the American School Library Association's commitment to equity and diversity in the context of a school library media center.
LIB-072	Identify customer service skills and listening techniques as they apply to a School Library Media Center.
LIB-073	Build a functional digital archive that includes a finding aid and searchable content
LIB-073	Demonstrate discipline-specific knowledge related to digital archival careers
LIB-098	Demonstrate proficiency of skills specified in the measurable objectives

LIB-098	Understand the expectation and value of teamwork
LIB-098	Establish and maintain a positive relationship with employer
LIB-110	Identify, select, retrieve, evaluate, and utilize appropriate information and data for research work from online and print resources.
LIB-110	Apply ethical behavior with regard to information and information technology.
LIB-110	Evaluate web content and identify legitimate and reliable information as well as bias, misinformation, and personal opinion.
LIB-110	Critique information and resources in terms of marginalized communities that are not represented or are misrepresented, including criteria such as race, culture, religion, disability, socioeconomic status, LGBTQ+, immigration status, and other identities.
LST-010	Develop a scenario for an initial tutoring session which incorporates information about institutional policies, basic study skill techniques, and tutor/tutee expectations
LST-010	Create and assess a tutoring session plan for any individual student which takes into account the tutee's learning style and particular needs, abilities and challenges
LST-010	Differentiate between adult learners from a variety of different populations and develop strategies and techniques to address their respective needs
LST-606	Students enrolled in LST 606 will self report that they have gained the skills to comprehend, apply, analyze, synthesize, and/or know information to help them to become better learners
LST-610	The student will be able to present himself/herself professionally and develop a scenario for an initial tutoring session which incorporates information about institutional policies, basic study skill techniques, and tutor/tutee expectations
LST-610	The student will be able to create and assess a tutoring session plan for any individual student which takes into account the tutee's learning style and particular needs, abilities and challenges
LST-610	The student will be able to differentiate between adult learners from a variety of different populations and develop strategies and techniques to address their respective needs
MACH-010	Describe the types of work performed by industrial maintenance craft workers
MACH-010	Demonstrate the proper use and basic maintenance of selected industrial maintenance tools
MACH-010	Explain the importance of safety in relation to industrial maintenance craft workers
MACH-014	Identify and explain the use of special measuring devices
MACH-014	Use formulas to solve basic problems
MACH-014	Solve right triangles using the Pythagorean theorem
MACH-016	Explain the basic layout of a blueprint
MACH-016	Describe the information included in the title block of a blueprint
MACH-016	Identify the types of lines used on blueprints

MACH-018	Student will disassemble and perform lubrication of a pump
MACH-018	Student will be able to select the correct valve gasket material according to the situation
MACH-018	Student will have the ability to identify valve types
MACH-020	Perform preventative maintenance on air compressors
MACH-020	Show how to set up a gantry crane to transport a drum to a wooden pallet
MACH-020	Explain forklift safety to avoid tip-over condition
MACH-021	Interpret engineering drawings related to machining processes.
MACH-021	Determine appropriate order of machining operations for the successful completion of parts to blueprint specifications.
MACH-021	Select measuring tools to evaluate machined parts.
MACH-021	Illustrate the procedures for the set-up and operation of lathes, milling machines, surface grinders and support equipment.
MACH-022	Students will demonstrate turning a ½-20 UNF-2A thread in a lathe with 95% accuracy
MACH-022	Students will demonstrate the process of squaring a block in a milling machine
MACH-024	Identify the type of piping system designated by color
MACH-024	Measure the diameter of copper tubing
MACH-024	Cut and ream copper tubing using a tube cutter
MACH-024	Correctly bend copper tubing using bending tools
MACH-024	Make a swage joint in a section of copper tubing
MACH-024	Make and join single flare connections
MACH-024	Join two sections of tubing using a compression fitting
MACH-024	Cut and join two sections of plastic pipe using appropriate fittings
MACH-025	Students will interpret basic engineering drawings
MACH-025	Students will use formulas to mathematically calculate necessary speeds and feeds for machining processes
MACH-025	Students demonstrate basic procedures for the set-up and operation of lathes, milling machines, drill presses, saws, and grinders
MACH-025	Students will select proper measuring tools to measure machined parts to print tolerances
MACH-026	Identify types of valves and explain their purposes and installation
MACH-026	Explain how to replace a bonnet gasket and replace a valve
MACH-026	Explain how to repack a valve stem O-ring
MACH-028	Identify types of bearings and explain their purposes and installation.
MACH-028	Explain the commonly used materials in bearings and their characteristics and use
MACH-028	Identify parts of bearings and explain their purposes and installation
MACH-029	Student will use layout tools for repairing or modifying machinery and sheet metal

MACH-029	Student will identify the correct layout tools for sheet metal
MACH-030	Identify types of steam traps and components of installations including piping distribution system used with steam systems
MACH-030	Describe specific problems on faulty steam traps and safety procedures and proper corrective actions
MACH-030	Identify the components of a high-pressure steam system and its auxiliaries
MACH-032	Explain the proper safety procedures and correct PPE to work in confined space
MACH-032	Explain the functions of various types of towers
MACH-032	Explain typical maintenance procedures on towers
MACH-034	Identify the components of heat exchangers
MACH-034	Identify rolling equipment and select the tools necessary for rolling tubes
MACH-034	Identify types of plugs
MACH-040	Demonstrate technical knowledge, using the concepts of drafting as a graphic language
MACH-040	Demonstrate advanced industry drawing and assembly standards
MACH-040	Demonstrate advanced 3D geometric construction as related to industry drafting
MACH-041	Create hybrid solid surface models
MACH-041	Assemble multiple parts and subassemblies
MACH-042	Student will be able to draw a part using 2D orthographic views
MACH-042	Student will be able to explain drafting standards
MACH-043	Student will annotate a drawing with ASME 14.5 using feature control box for positioning a hole
MACH-043	Student will have the ability to explain tolerance stack up
MACH-050	Identify the methods for hand bending and installing conduit
MACH-050	Calculate conduit bends
MACH-050	Explain safety procedures when cutting, reaming, and threading conduit
MACH-052	Select the correct fasteners and anchors for given applications
MACH-052	Calculate a resistance value using Ohm's law
MACH-052	Calculate the amount of power used by a circuit using the power formula
MACH-054	Student will explain how to properly feed wire through conduit
MACH-054	Student will identify safety protocols for test equipment
MACH-054	Student will explain how to set up a basic raceway, fitting, and box system
MACH-058	Student will be able to use a scale to read scaled floor plan
MACH-058	Student will identify how to wire a basic receptacle circuit
MACH-058	Identify the location of electrical switches with the use of a drawing
MACH-060	Student will explain how to select the proper grounding system
MACH-060	Student will identify components in a electrical motor

MACH-060	Student will set up a multimeter to test a transformer
MACH-061	Students will demonstrate the ability to manufacture a jig assembly to control the location or motion of parts or other tools
MACH-061	Students will demonstrate the ability to plan a design for fixturing of a required part to meet drawing specifications
MACH-062	Student will be able to explain fundamental set-up procedures related to work-pieces, fixtures, axis positioning and control features of wire electrical discharge machines (EDM)
MACH-062	Student will be able to demonstrate the ability to set-up and make parts on a wire EDM machine that conform to engineering drawing specifications
MACH-062	Student will be able to prepare working numerical control programs for cutting parts using two axis wire EDM machines
MACH-070	Students will demonstrate the ability to solve trigonometry problems by using formulas and applying them to path geometry
MACH-070	Students will be able to understand and identify G and M codes and troubleshoot programs using computer software
MACH-071	Students will demonstrate the ability to debug various machine tool language programs
MACH-071	Students will manually write various part programs using CNC machine codes, select the appropriate tooling associated with the part prints, download the programs into the CNC machine tool and manufacture part
MACH-072	Students will draw a two dimensional drawing utilizing computer aided manufacturing software
MACH-072	Students will choose the proper speeds and feeds required to program parts for CNC machining production
MACH-072	Students will choose the proper toolpaths to cut parts in an efficient time
MACH-073	Create a computer numerical program for three-dimensional toolpaths
MACH-073	Use work planes to create 2-D geometry in 3-D planes for surface creation
MACH-074	Students will establish G54 X, Y, and Z reference point positions on CNC machine tools
MACH-074	Students will operate various machine tool controllers
MACH-074	Students will set-up and manufacture parts from a CNC program
MACH-075	Prepare numerical control programs for CNC machine tools.
MACH-075	Select tools for the removal of material and toolpaths for rough and finish machining operations
MACH-075	Organize and construct basic geometry of 3D model parts for machining operations
MACH-076	Student will solve mathematical calculations necessary to determine correct speeds and feeds for proper use of tool
MACH-076	Student will select appropriate canned cycles and sub-programs for turning and milling applications
MACH-076	Student will prepare computer numerical control programs for CNC turning and milling machines
MACH-077	Student will analyze machine part drawings, determine appropriate manufacturing processes utilizing computer numerical controlled machinery

MACH-077	Student will design and create work-holding devices to manufacture parts on computer numerical controlled milling and turning machines
MACH-077	Student will prepare numerical control programs from drawings that meet specifications
MACH-078	Student will analyze machine part drawings and determine appropriate manufacturing process for computer numerical control machines with four and five axis of control
MACH-078	Student will design and create work-holding device to manufacture parts with four and five axis machine tools
MACH-078	Student will prepare CNC programs from drawings for machines with four and five axis of control
MACH-090	Identify and interpret title block information, line types and their uses, and tolerances.
MACH-090	Describe the principles of orthographic projection including basic symbols and notation used on technical drawings.
MACH-090	Evaluate concepts related to technical print reading.
MACH-091	Read and interpret the ANSI Y14.5M standard for Geometric Dimensioning and Tolerancing (GDT)
MACH-091	Read prints using GDT standards
MACH-091	Locate, identify and correct errors in GDT on standard blueprints
MACH-098	Demonstrate proficiency in practices and/or procedures newly learned on the job
MACH-098	Compare and contrast actual work experience with what has been learned in the classroom
MACH-098	Analyze and evaluate daily work activities
MACH-098	Describe the organization of the business/company in which you are employed
MACH-120	Student will interpret basic shop prints
MACH-120	Student will demonstrate the ability to layout parts
MACH-120	Student will demonstrate knowledge in machine tool safety
MACH-120	Student will have the aptitude to identify numerous hand tools
MACH-123	Students will demonstrate lathe turning between centers and follow safety procedures and complete a turned part between centers with an accuracy of 95%
MACH-123	Students will demonstrate the process of boring a hole on a milling machine with an accuracy of .0005 inches
MACH-124	Students will demonstrate surface grinding on a steel block within a tolerance of +/- .001 of an inch
MACH-124	Students will demonstrate the ability to use carbide insert designation chart to read, shape, clearance, tolerance, identify tool holder type, and explain their purposes for a cutting application
MACH-129	Articulate the common manufacturing process used to produce products from a variety of materials
MACH-129	Identify common material flaws and modes of failure and describe those in common technical terms
MACH-129	Explain the fundamental manufacturing processes and explain why different processes are optimal for different products
MACH-129	Describe the capabilities and limitations of the manufacturing processes.
MACH-129	Describe the fundamentals of manufacturing processes for casting, forming, metal removal, abrasive, rapid prototype, and joining.

MACH-160	Students will apply toolmaking procedures to build a working punch press die
MACH-160	Students will determine the proper clearance for a given piece of material
MACH-160	Student will manufacture a die assembly and use punch press to stamp parts to print specifications
MACH-600	Student will demonstrate how to read and draw prints and specifications applicable to projects
MACH-600	Student will operate all machines with accuracy and know their safety precautions
MACH-600	Student will design their own project and execute it from start to finish
MACH-600	Student will measure with accuracy and cut precisely
MACH-601	Student will demonstrate how to read and draw prints and specifications applicable to projects
MACH-601	Student will operate all machines with accuracy and know their safety precautions
MACH-601	Student will design their own project and execute it from start to finish
MACH-601	Student will measure with accuracy and cut precisely
MATH-090	Simplify exponential expressions by correctly applying the definition and properties of exponents
MATH-090	Solve real world problems employing linear models in one variable
MATH-090	Graph and write linear equations in two variables
MATH-090	Factor polynomials and simplify rational expressions
MATH-095	Solve real-world problems involving quadratic equations
MATH-095	Simplify radical expressions and solve equations containing radicals
MATH-095	Solve systems of linear equations and inequalities
MATH-095	Demonstrate mastery of function concepts and operations
MATH-096	Students will demonstrate the ability to solve systems of linear equations or inequalities
MATH-096	Students will demonstrate the ability to simplify radical expressions or solve equations containing radicals
MATH-096	Students will demonstrate the ability to solve real-world problems involving quadratic equations
MATH-096	Students will demonstrate the ability to simplify exponential expressions by correctly applying the definition and properties of exponents
MATH-096	Students will demonstrate the ability to graph and/or write linear equations in two variables
MATH-096	Students will demonstrate the ability to factor polynomials or simplify rational expressions
MATH-102	Solve real-world problems employing exponential and logarithmic models.
MATH-102	Analyze basic functions.
MATH-102	Solve systems of nonlinear equations and inequalities.
MATH-102	Demonstrate computational skills with sequences and series.
MATH-102	Analyze equations and graphs of conics.
MATH-103	Solve real-world problems employing trigonometric models by applying properties of trigonometric functions.
MATH-103	Construct the graphs of trigonometric functions by correctly applying concepts of rigid and non-rigid transformations.

MATH-103	Use and verify trigonometric identities.
MATH-106	Perform calculations with place value systems.
MATH-106	Apply algorithms from number theory to determine divisibility.
MATH-106	Classify the structure of the real, whole, rational, and irrational number systems.
MATH-106	Construct activities implementing curriculum standards.
MATH-108	Describe and summarize data of samples and populations.
MATH-108	Correctly apply the addition or multiplication rules of a probability experiment.
MATH-108	Correctly evaluate probability from a binomial or normal distribution.
MATH-108	Correctly define and conduct a hypothesis test.
MATH-108H	Describe and summarize data of samples and populations.
MATH-108H	Correctly apply the addition or multiplication rules of a probability experiment.
MATH-108H	Correctly evaluate probability from a binomial or normal distribution.
MATH-108H	Correctly define and conduct a hypothesis test.
MATH-108H	Honors: Apply technology to analyze and understand statistical processes.
MATH-115	Understand the Fundamental Counting Principle and apply it to problems related to permutations and combinations.
MATH-115	Understand and apply the concept of probability to real-life situations.
MATH-115	Determine the validity of arguments involving simple and compound statements by constructing representative truth tables and interpreting the results.
MATH-115	Use operations with sets.
MATH-120	Estimate credit score changes using statistical techniques.
MATH-120	Calculate monthly loan payments for consumer loans.
MATH-120	Calculate retirement investments for 401K's and IRA's.
MATH-120	Evaluate portfolio investment returns and risks.
MATH-120	Calculate taxes owed.
MATH-141	Understand functions, limits, and continuity.
MATH-141	Apply differentiation rules or integration techniques to algebraic functions.
MATH-141	Use derivatives or integrals to solve problems involving business or economic concepts.
MATH-141	Differentiate or integrate exponential and logarithmic functions.
MATH-151	Use exponential and logarithmic functions to model and solve real-world applications.
MATH-151	Apply trigonometric identities to solve a trigonometric equation.
MATH-151	Find partial fraction decompositions of rational expressions.
MATH-151	Solve parametric equations.
MATH-151	Recognize and apply basic limit theorems.

MATH-180	Develop methodologies for collecting and interpreting data
MATH-180	Use technology to manage data
MATH-180	Employ strategies to fit data to statistical models
MATH-180	Evaluate the accuracy of statistical data models
MATH-222	Outline the major components of their independent study research by providing written documentation in the form of a research paper substantiating satisfactory knowledge of the subject.
MATH-222	Discuss the major components of their independent study research by conducting an oral presentation which outlines their course of study and conclusions substantiated by findings.
MATH-250	Students will demonstrate the ability to interpret and evaluate limits.
MATH-250	Students will demonstrate the ability to differentiate functions and solve related applications
MATH-250	Students will demonstrate the ability to evaluate integrals using basic integration formulas and numerical methods to perform both definite and indefinite integration
MATH-251	Student will demonstrate the ability to calculate the volume of a solid of revolution
MATH-251	Student will demonstrate the ability to integrate elementary functions using integration techniques
MATH-251	Student will demonstrate the ability to derive Taylor polynomials of analytic functions
MATH-251	Student will demonstrate the ability to calculate the (arc length of a polar graph) or the area of a polar graphed region
MATH-251	Student will demonstrate the ability to analyze infinite series for convergence/divergence
MATH-252	Identify and draw simple quadratic surfaces
MATH-252	Apply the concepts of multiple integrals to problems involving area and volume in rectangular, cylindrical, and spherical coordinate systems
MATH-252	Evaluate integrals, determine the path, apply Green's Theorem, and evaluate surface integrals, the Divergence and Stokes' Theorem
MATH-252	Analyze Green's Theorem, Stokes' Theorem, and the Divergence Theorem
MATH-265	Solve systems of linear equations using Gauss-Jordan elimination and row reduction.
MATH-265	Analyze properties of vector spaces and inner product spaces.
MATH-265	Determine a basis for the range and nullspace of a linear transformation.
MATH-265	Determine the eigenvalues and eigenvectors for a given square matrix.
MATH-266	Solve first-order differential equations
MATH-266	Solve non-homogenous higher order differential equations
MATH-266	Model real world problems using differential equations
MATH-266	Solve differential equations using Laplace transforms
MATH-601	Students will demonstrate the ability to solve an arithmetic problem
MATH-601	Students will demonstrate the ability to solve a prealgebra problem

MATH-601	Students will demonstrate the ability to solve a beginning algebra problem
MATH-601	Students will demonstrate the ability to solve an intermediate algebra problem
MATH-602	Solve a quadratic equation
MATH-602	Evaluate a function at a given input
MATH-602	Factor a trinomial
MATH-602	Graph a linear equation in two variables
MATH-608	Evaluate a statistical formula
MATH-608	Translate a hypothesis statement in words to an inequality statement
MATH-608	Find a slope of a line
MATH-608	Solve a probability problem
MATH-650	Solve problems employing exponential and logarithmic functions.
MATH-650	Solve problems employing trigonometric models by applying properties of trigonometric functions.
MATH-650	Analyze graphs of polynomial and trigonometric functions.
MATH-650	Demonstrate computational skills with sequences and series.
MATH-651	Express the domain of functions using interval notation.
MATH-651	Apply properties of exponential and logarithmic functions.
MATH-651	Construct the graph of trigonometric functions.
MATH-651	Use and verify trigonometric identities.
MATH-942	Solve real-world problems by employing the operations with decimals and percent to formulate representative mathematical expressions
MATH-942	Simplify expressions involving whole numbers and fractions by employing the order of operations
MATH-942	Solve real-world problems by employing ratios and proportions to formulate and solve mathematical equations
MATH-952	Use the order of operations with real numbers
MATH-952	Solve linear equations in one variable
MATH-952	Solve percent problems and their applications
MATH-952	Add, subtract, and multiply polynomials
MATH-952	Apply unit analysis to solve problems
MATH-962	Solve real-world problems by employing the operations with decimals and percent to formulate representative mathematical expressions
MATH-962	Simplify expressions involving whole numbers and fractions by employing the order of operations
MATH-962	Solve real-world problems by employing ratios and proportions to formulate and solve mathematical equations
MATH-962	Use the order of operations with real numbers
MATH-962	Solve linear equations in one variable
MATH-962	Solve percent problems and their applications

MATH-962	Add, subtract, and multiply polynomials
MATH-962	Apply unit analysis to solve problems
MUS-100	Identify musical selections and discuss the basic musical concepts as they relate to the selection to demonstrate an understanding of music through aural recognition.
MUS-100	Compare and contrast the musical differences of various forms and genres to demonstrate an understanding of musical styles.
MUS-100H	Demonstrate their understanding of music through aural recognition by identifying musical selections and discussing basic musical concepts as they relate to the selection.
MUS-100H	Demonstrate their understanding of musical styles by comparing and contrasting the musical differences of various forms and genres.
MUS-100H	Honors: Compare and contrast the symphony from Haydn (Classical Composer), Beethoven (Transitionalist Composer), and Mahler (Romantic Composer).
MUS-101	Use the elements of music notation to construct major and chromatic scales to demonstrate a basic understanding of music fundamentals.
MUS-101	Identify intervals in a written format to demonstrate a basic understanding of harmonic structures.
MUS-101L	Demonstrate a basic understanding of musical notation by interpretation of melodic lines (sight-singing)
MUS-101L	Demonstrate a basic understanding of scales by singing ascending and descending major scales with solfeggio syllables
MUS-102	Demonstrate an understanding of harmonic qualities for triads and intervals by both constructing and analyzing them using musical notation
MUS-102	Demonstrate an understanding of rhythmic patterns (both simple and compound meter) by analysis using musical notation
MUS-102L	Sing all three forms of minor scales using solfeggio syllables
MUS-102L	Sight-sing melodies using a solfeggio system
MUS-104	Identify and discuss the various elements of Rock and Roll and its skills in chronological order from its roots to the contemporary movements.
MUS-104	Critically examine Rock and Roll Hall of Fame inductees and how women and people of color have been historically underrepresented.
MUS-105	Differentiate between the many styles, genres, and cultural directions found within the parameters of American Popular Music.
MUS-105	Describe the various experimental techniques and innovations used throughout history to demonstrate an understanding of the evolution of American Popular Music.
MUS-106	Recognize and analyze the various musical forms and construction to demonstrate an understanding of Jazz music. gnize and analyze the various musical forms and construction.

MUS-106	Compare and contrast the historical periods of Jazz music.
MUS-107	Categorize cultural influences as identified through musical styles
MUS-107	Evaluate and explain the impact of religious traditions on music of global cultures
MUS-107	Compare and contrast musical structures of any of the regions studied, and their relationships with social structures
MUS-107	Examine the Black experience through exploration of musical contributions such as the Blues song form, Gospel traditions, and polyrhythms
MUS-108	Describe of the evolution of hip hop and explain its place within the context of American popular music culture
MUS-108	Discuss global aspects of hip hop styles and movements
MUS-108	Critically evaluate lyrics/messages encoded within hip hop recordings and images
MUS-108	Relate the images created by lyrics to the prevailing political climate
MUS-117A	Demonstrate a basic level of technical proficiency by utilizing proper sitting position, flatpicking technique, fingerpicking technique, and fretting technique
MUS-117A	Demonstrate the ability to play song accompaniments by memorizing and utilizing open chord structures
MUS-117A	Demonstrate the ability to read and perform melodies in major keys with up to one sharp or flat
MUS-117B	Utilize hammer-ons, pull-offs, and natural harmonics to demonstrate an intermediate level of technical proficiency.
MUS-117B	Play song accompaniments by memorizing and utilizing 7th chords, extended chords, slash chords, suspended chords, and barre chords
MUS-117B	Read and perform melodies in major and minor keys with up to three sharps or flats
MUS-117C	Demonstrate an intermediate level of technical proficiency by utilizing glissandi, bends, and artificial harmonics
MUS-117C	Demonstrate chord construction by performing major, minor, diminished, and augmented triads and their inversions upon any given pitch.
MUS-117C	Read and perform melodies in major and minor keys with up to 5 sharps or flats.
MUS-117D	Demonstrate an advanced level of technical proficiency by utilizing advanced strumming techniques, trills, and positions beyond the 12th fret
MUS-117D	Demonstrate an advanced understanding of chord construction by performing triad inversions, 7th chords, extended chords, and other advanced chords on any given pitch
MUS-117D	Demonstrate the ability to read and perform melodies written in any major or minor key
MUS-121	Demonstrate an understanding of the early classical music repertoire by defining its elements (rhythm, melody, harmony etc.) with regard to specific music compositions
MUS-121	Demonstrate an understanding of the evolution of early classical music by comparing musical compositions of different historical periods
MUS-121H	Defining the elements of early classical music repertoire (rhythm, melody, harmony etc.) with regard to specific music compositions.

MUS-121H	Compare musical compositions from different historical periods to demonstrate an understanding of the evolution of early classical music.
MUS-122	Define the elements of later classical music repertoire (rhythm, melody, harmony etc.) with regard to specific music compositions.
MUS-122	Comparing musical compositions from different historical periods to demonstrate an understanding of the evolution of later classical music.
MUS-122H	Define the elements of later classical music repertoire (rhythm, melody, harmony etc.) with regard to specific music compositions.
MUS-122H	Comparing musical compositions from different historical periods to demonstrate an understanding of the evolution of later classical music.
MUS-123	Select equipment for and assemble a MIDI workstation
MUS-123	Troubleshoot a MIDI set-up
MUS-123	Operate a software sequencer
MUS-123	Make, edit, mix, present, save, and export MIDI projects
MUS-124	Select equipment for and assemble a MIDI workstation.
MUS-124	Troubleshoot an electronic music system.
MUS-124	Demonstrate how to operate a software sequencer.
MUS-124	Create, edit, mix, present, save, and export electronic music projects.
MUS-130	Demonstrate an understanding of the human voice, as it functions in singing, by comprehending and demonstrating the physiology of good tone production.
MUS-130	Demonstrate an understanding of the human voice, as it functions in singing, by singing in solo performance within a recital format.
MUS-131	Perform and explain the components of correct breathing to demonstrate a more profound understanding of the human voice as it functions in singing.
MUS-131	Perform a variety of vocal selections in a student recital, illustrating a firm grasp of vocal production to demonstrate a more profound understanding of the human voice as it functions in singing.
MUS-133	Play hands scales together, one octave in several keys, to demonstrate the fundamentals of keyboard performance.
MUS-133	Read music and apply the elements of music notation to demonstrate music fundamentals as it relates to the keyboard.
MUS-134	Play a minimum of eight pieces to demonstrate flexibility and facility at the keyboard.
MUS-134	Apply the third musical texture (homophony) by harmonizing melodies, using broken chords, and arpeggio accompaniments.
MUS-134	Demonstrate keyboard facility by sight reading piano pieces involving hand independence and changing hand positions.

MUS-135	Perform a piano selection from each of the Classical, Baroque, Romantic, and Modern (19th & 20th century) periods.
MUS-135	Perform a piano selection from each of the Jazz, Blues, and/or Pop music genres
MUS-141X2	Play or sing a selection that demonstrates major and minor scales—chosen by the instructor
MUS-141X2	Identify the stylistic differences of music compositions from these periods: medieval, renaissance, baroque, classical, romantic, and modern
MUS-150X4	Demonstrate an understanding of choral music parts-singing by singing their part (SATB) by themselves in front of the class.
MUS-150X4	Demonstrate an understanding of musical intensity by singing their part (SATB) with an observation of appropriate dynamic levels.
MUS-152X4	Perform a musical line by phrasing the music appropriately.
MUS-152X4	Perform appropriate musical texture by singing the parts with an awareness of the importance of the part in a homophonic or polyphonic setting.
MUS-153X4	Perform in an intimate choral ensemble utilizing skills of proper breathing and precise intonation.
MUS-153X4	Maintain the integrity of a choral music part without resorting to "doubling" by the accompanist.
MUS-154X4	Correctly sing the notated rhythms, pitches and dynamics of a given piece of repertoire.
MUS-154X4	Sing notes with appropriate timbre (tone color) through warmth and richness of tone that illuminates the musical line.
MUS-156X4	Correctly sing the notated rhythms, pitches, and dynamics of a given piece of repertoire.
MUS-156X4	Sing notes with appropriate timbre (tone color) through warmth and richness of tone that illuminates the musical line.
MUS 158X4	Demonstrate an understanding of choral music parts-singing by singing their part (SATB) or (SAB) by themselves in front of the class.
MUS 158X4	Demonstrate an understanding of musical intensity by singing their part (SATB) with an observation of appropriate dynamic levels.
MUS-159X4	Perform a work's correct pitches and rhythms while also performing the requisite stage movement and character of a principal role and/or chorister.
MUS-159X4	Perform significant vocal power and resonance required of a principal singer in an operative role or as member of the opera chorus.
MUS-162X4	Demonstrate an understanding of the musical line by phrasing the music appropriately.
MUS-162X4	Demonstrate an understanding of the musical texture by playing their part with an awareness of the importance of balance.
MUS-166X4	Demonstrate an understanding of their musical knowledge by correctly playing the notated rhythms, pitches, and dynamics.

MUS-166X4	Demonstrate an understanding of the timbre (tone color) by playing those notes with appropriate warmth and richness of tone.
MUS-167X4	Perform a moderate repertoire of jazz standards from memory.
MUS-167X4	Demonstrate a familiarity with jazz improvisation and some of the theoretical concepts involved therein.
MUS-168X4	Develop a familiarity with Jazz improvisation and some Jazz theory.
MUS-168X4	Demonstrate a mastery of jazz rhythms and styles through public performances.
MUS-170X2	Demonstrate at least one scale that correctly provides for the sound of each of the 13 most common chords used in jazz improvisation
MUS-170X2	Utilize techniques to improvise effective and appealing melodic phrases
MUS-171X2	Provide at least one scale, three upper structures, and one alternative chord/scale that can be used on each of the 13 most common chords used in jazz improvisation
MUS-171X2	Use advanced techniques to improvise effective and appealing melodic phrases
MUS-180X4	Prepare and perform through coachings and rehearsals a major chamber ensemble work at the highest possible level
MUS-180X4	Collaborate and adapt a rehearsal schedule independent from class time to simulate gig preparation
MUS-201	Demonstrate an understanding of Eighteenth and Nineteenth century harmonic practice by realizing the implied harmonies of a figured bass line
MUS-201	Demonstrate an understanding of Eighteenth and Nineteenth century harmonic practice by analyzing four part harmonies and chorales
MUS-201L	Demonstrate an understanding of intermediate musicianship by sight-singing more advanced melodies in both simple and compound meters
MUS-201L	Demonstrate an understanding of intermediate musicianship by notating increasingly longer melodies
MUS-202	Demonstrate a more profound understanding of Eighteenth and Nineteenth century harmonic practice by analyzing Bach Chorales, having more advanced harmonic structures as well as a spectrum of non-harmonic tones
MUS-202	Demonstrate a more profound understanding of Eighteenth and Nineteenth century harmonic practice by composing chordal accompaniment of given melodies using standard musical notation
MUS-202L	Demonstrate a more profound understanding of musicianship by sight-singing modal and more difficult tonal melodies containing non-diatonic tones using scale numbers or solfeggio syllables
MUS-202L	Demonstrate a more profound understanding of musicianship by notating dictation from increasingly longer and more complex tonal and modal melodies and analyzing the use of non-diatonic tones
MUS-210	Conduct a rehearsal of students playing appropriate repertoire.
MUS-222	Demonstrate musical knowledge and skill through guided investigation of musical subjects and subsequent projects
MUS-222	Demonstrate musical knowledge and skill through suggested readings and mentoring and subsequent papers

MUS-241X2	Play or sing two selections, each from a different musical period, that demonstrate major and minor scales—chosen by the instructor
MUS-241X2	Perform musical selections which illustrate the stylistic differences of music compositions from each of these periods: medieval, renaissance, baroque, classical, romantic, and modern
NURS-140	Demonstrate clinical judgement at the patient's bedside and in laboratory settings
NURS-140	Calculate safe drug dosages
NURS-140	Transfer into the Registered Nurse (RN) Associate Degree Program
NURS-150	Illustrate fundamental skills related to nursing theory
NURS-150	Implement evidence-based practices related to nursing care
NURS-150	Demonstrate clinical judgement at the patient's bedside and in laboratory settings
NURS-150	Employ informatics and trends in technology to enhance team communication
NURS-151	Apply theoretical knowledge related to the care of the adult patient with beginning medical surgical needs
NURS-151	Explain disease processes and the effects of illness or hospitalization on the patient's physiological and psychosocial well being
NURS-151	Calculate and administer accurate and safe medication dosages
NURS-151	Demonstrate ethical leadership for the health care needs of our diverse communities
NURS-160	Apply theoretical knowledge related to the care of the childbearing woman/family and their newborn
NURS-160	Practice the management of the antepartal, intrapartal, and postpartal periods, as well as provide newborn care
NURS-160	Calculate and administer accurate and safe medication dosages
NURS-160	Demonstrate ethical leadership for the health care needs of our diverse communities
NURS-161	Apply theoretical knowledge related to the care of the adult patient with advanced beginning medical surgical needs
NURS-161	Assess and implement nursing interventions, and evaluate patients experiencing disease processes
NURS-161	Calculate and administer accurate and safe medication dosages
NURS-161	Demonstrate ethical leadership for the health care needs of our diverse communities
NURS-250	Apply theoretical knowledge related to family centered nursing care of the pediatric patient
NURS-250	Implement principles of safety, infection control, and disease prevention for diverse pediatric populations and their families
NURS-250	Calculate and administer accurate and safe medication dosages
NURS-250	Demonstrate ethical leadership for the health care needs of our diverse communities
NURS-251	Apply theoretical knowledge related to the care of the adult patient with intermediate medical surgical needs
NURS-251	Utilize clinical judgement to manage disease processes for optimal patient outcomes
NURS-251	Calculate and administer accurate and safe medication dosages
NURS-251	Demonstrate ethical leadership for the health care needs of our diverse communities

NURS-260	Apply theoretical knowledge related to individuals experiencing mental health disorders
NURS-260	Assess and assist patients/clients by using therapeutic communication and interviewing techniques
NURS-260	Calculate and administer accurate and safe medication dosages
NURS-260	Demonstrate ethical leadership for the health care needs of our diverse communities
NURS-261	Apply theoretical knowledge related to the care of the adult patient with advanced medical surgical needs
NURS-261	Formulate and employ a communication plan with the interprofessional team that ensures the delivery of optimal patient care
NURS-261	Calculate and administer accurate and safe medication dosages
NURS-261	Demonstrate ethical leadership for the health care needs of our diverse communities
OCEAN-101	Apply the scientific method to assess Earth systems and components (e.g. atmosphere, biosphere, hydrosphere, geosphere, etc.)
OCEAN-101	Analyze large-scale atmospheric and oceanic circulation patterns
OCEAN-101	Consider the temporal nature of ocean ecosystems and the interconnected nature of ocean life
OCEAN-101	Interpret the formation and evolution of ocean basins
OCEAN-101	Explain the disproportionate impacts of sea level rise, coastal flooding, coastal pollution, coastal erosion, and overfishing on coastal and island communities of color, coastal aboriginal communities, and socioeconomically disadvantaged communities
OCEAN-111	Practically apply principles of the scientific method (e.g. making and recording observations and developing appropriate interpretations)
OCEAN-111	Analyze the ocean basins, sediments, water, and life
OCEAN-111	Explain the disproportionate impacts of sea level rise, coastal flooding, coastal pollution, coastal erosion, and overfishing on coastal and island communities of color, coastal aboriginal communities, and socioeconomically disadvantaged communities
OSHA-030	Students will demonstrate their ability to correctly analyze, explain, and identify specific hazardous conditions using the OSHA regulations and select the proper procedures to correct these jobsite hazards and pass a written exam with a minimum score of 70%
OSHA-030	Students will demonstrate their ability to correctly compare and differentiate the responsibilities of employers and employees using common terms, and definitions for the prevention of accidents and fatalities in hazardous areas of construction by using the correct subpart of 29 CFR 1926 with an accuracy of at least 70%
OSHA-035	Students will demonstrate their ability to correctly analyze, explain, and identify specific hazardous conditions using the OSHA regulations and select the proper procedures to correct these jobsite hazards and pass a written exam with a minimum score of 70%

OSHA-035	Students will demonstrate their ability to correctly compare and differentiate the responsibilities of employers and employees using common terms, and definitions for the prevention of accidents and fatalities in hazardous areas of general industry by using the correct subpart of 29 CFR 1910 with an accuracy of at least 70%
PHIL-101	Critically evaluate selected primary sources in the tradition of philosophy
PHIL-101	Analyze and evaluate issues dealing with the tradition of philosophy (including but not limited to ethical, epistemological and political philosophical issues, the impact of Eastern religions on Western philosophy, and/or the importance of understanding ignored or suppressed voices in the history of philosophy)
PHIL-101	Apply the ideas and concepts in the tradition of philosophy to contemporary experience
PHIL-101H	Critically evaluate selected primary sources in the tradition of philosophy
PHIL-101H	Analyze and evaluate issues dealing with the tradition of philosophy (including but not limited to ethical, epistemological and political philosophical issues, the impact of Eastern religions on Western philosophy, and/or the importance of understanding ignored or suppressed voices in the history of philosophy)
PHIL-101H	Apply the ideas and concepts in the tradition of philosophy to contemporary experience
PHIL-102	Recognize the structures of reasoning in natural language and then evaluate that reasoning
PHIL-102	Compose a developed, coherent, unified, organized argumentative essay
PHIL-102	Respond critically, analytically, and/or synthetically to contemporary issues (e.g. ethical or political issues)
PHIL-103	Identify and analyze the structure of arguments, including recognizing conclusions, premises, and inference indicators within philosophical discussions, as well as everyday language
PHIL-103	Evaluate the merits of arguments within real world applications (for example, but not limited to: a political speech, a campaign advertisement, an advertisement for a particular product or service, court cases and messages from social reformers)
PHIL-103	Apply the ideas and concepts in the process of identification, analysis, and evaluation of arguments to contemporary situations such as election campaigns, advertisements, and/or arguments for educational reform
PHIL-105	Read and critically evaluate primary sources in the tradition of ethics
PHIL-105	Critically analyze issues in the tradition of ethics, including the recognition of suppressed or ignored voices in the history of moral philosophy
PHIL-105	Apply concepts within the tradition of ethics to contemporary experience
PHIL-109	Recognize and articulate the meaning and function of the philosophical study of religion.
PHIL-109	Identify ideas from the major thinkers and major concerns within the philosophy of religion.
PHIL-109	Articulate and apply issues within the philosophy of religion to contemporary concerns.
PHIL-109	Apply ideas from primary sources within the philosophy of religion to think and write critically about religious claims and concerns.
PHIL-112	Read and critically evaluate primary sources in the tradition of philosophy (as shown through literature)

PHIL-112	Critically analyze philosophical issues, as shown through literature, (including but not limited to ethical, epistemological and political philosophical issues, the impact of Eastern religions on Western philosophy, and/or the importance of understanding ignored or suppressed voices in the history of philosophy)
PHIL-112	Relate the concepts in the tradition of philosophy (as shown through literature) to contemporary experience
PHIL-180	Read and critically evaluate primary sources related to death and dying
PHIL-180	Critically analyze issues related to death and dying (including, but not limited to: prescribed weeping and mourning, public displays of mourning, and a lack of mourning; hospice work and the insidious idea of gift versus commodity)
PHIL-180	Relate the issues concerning death and dying to contemporary experience
PHT-060	State and discuss the role of the Pharmacy Technician in the delivery of services in the community pharmacy and ambulatory care settings
PHT-060	Use pharmaceutical terminology
PHT-060	Define and describe pharmacy distribution systems and pharmacy standards
PHT-062	Identify various groups of medications by classifications in body systems, functions, indications, and mechanisms of action with basic human anatomy and physiology
PHT-062	Identify the various medications utilizing their brand/trade or generic names in drug dosages, drug forms, drug strengths, drug routes, and standard Signa with the various patient populations.
PHT-064	Identify pharmaceutical measurement systems and calculate conversions between systems through reading assignments and drug problems as demonstrated in written exams, classroom calculations or written assignments.
PHT-064	Use mathematical skills to calculate drug dosage/solutions problems and pharmacy business calculations through reading assignments, drug and pharmacy business problems as demonstrated by written exams or classroom discussion.
PHT-070	Apply advanced distribution techniques and methods for dispensing medications
PHT-070	Interpret and process drug prescriptions
PHT-070	Maintain medication inventory control records
PHT-071	Utilizing human anatomy and physiology, identify various groups of medications by classifications in the body systems, functions, indications, and mechanisms of action
PHT-071	Apply the various medications utilizing their brand/trade or generic names in drug dosages, drug forms, drug strengths, drug routes, and standard Signa
PHT-072	Apply the distribution, dispensing, and inventory of medications through clinical experience in a pharmacy
PHT-072	Interact with the public through readings and discussion of communication and culture
PHT-074	Articulate and discuss methods for dispensing medications, inventory control and repackaging systems through reflection on laboratory experience
PHT-074	Discuss and analyze the impact of culture on medication compliance through reading assignments
PHT-601	Pass an exam that simulates the Pharmacy Technology Certification State Board Licensing Exam

PHYSIC-101	Identify and explain physics concepts involving the basics of Newtonian mechanics, fluids, heat, electricity and magnetism, light and sound, atomic and nuclear physics.
PHYSIC-101	Solve a variety of physical situations by proper application of principles, laws, and concepts in physics through the use of simple algebraic techniques.
PHYSIC-101	Construct, use, and manipulate various physical laboratory apparatus, as well as correctly evaluate, analyze, and interpret measurements of these physical systems.
PHYSIC-151	Identify and explain physics concepts involving the basics of the field of mechanics, fluids, oscillatory motion, and thermodynamics.
PHYSIC-151	Solve a variety of physical situations by proper application of principles, laws, and concepts in physics through the use of trigonometric and algebraic techniques.
PHYSIC-151	Construct, use, and manipulate various physical laboratory apparatus, as well as correctly evaluate, analyze, and interpret measurements of these physical systems.
PHYSIC-152	Students will demonstrate an understanding of the basics of the fields of electricity, magnetism, wave mechanics, optics, and modern physics, and their corresponding physical laws by correctly describing and identifying the concepts relevant to these fields
PHYSIC-152	Given new situations, by using various trigonometric and algebraic techniques with some discussion of relevant calculus concepts students will correctly solve a variety of physical situations by a proper application of the principles, laws, and concepts of physics
PHYSIC-152	Also, given a particular laboratory physical objective in electricity, magnetism, wave mechanics, optics, or modern physics, students will correctly construct physical systems, learn to use and manipulate laboratory apparatus, and correctly make and analyze measurements of these physical systems
PHYSIC-202	Students will demonstrate an understanding of the basics of the fields of mechanics, oscillatory motion and their corresponding physical laws by correctly describing and identifying the concepts relevant to these fields
PHYSIC-202	Given new situations, by using various calculus, trigonometric, and algebraic techniques students will correctly solve a variety of physical situations by a proper application of the principles, laws, and concepts of physics
PHYSIC-202	Also, given a particular laboratory physical objective in mechanics or oscillatory motion, students will correctly construct physical systems, learn to use and manipulate laboratory apparatus, and correctly make and analyze measurements of these physical systems
PHYSIC-203	Students will demonstrate an understanding of the basics of the fields of electricity, magnetism, wave mechanics, and their corresponding physical laws by correctly describing and identifying the concepts relevant to these fields
PHYSIC-203	Given new situations, by using various calculus, trigonometric, and algebraic techniques, students will correctly solve a variety of physical situations by a proper application of the principles, laws, and concepts of physics

PHYSIC-203	Also, given a particular laboratory physical objective in electricity, magnetism, or wave mechanics, students will correctly construct physical systems, learn to use and manipulate laboratory apparatus, and correctly make and analyze measurements of these physical systems
PHYSIC-204	Students will demonstrate an understanding of the basics of the fields of thermodynamics, fluids, optics, and modern physics, and their corresponding physical laws by correctly describing and identifying the concepts relevant to these fields
PHYSIC-204	Given new situations, by using various calculus, trigonometric, and algebraic techniques, students will correctly solve a variety of physical situations by a proper application of the principles, laws, and concepts of physics
PHYSIC-204	Also, given a particular laboratory physical objective in thermodynamics, fluids, optics, or modern physics, students will correctly construct physical systems, learn to use and manipulate laboratory apparatus, and correctly make and analyze measurements of these physical systems
PHYSIC-210	Identify and explain physics concepts involving the basics of modern physics, topics of relativity, quantum mechanics, atoms, molecules, condensed matter, nuclear physics, and particle physics
PHYSIC-210	Solve a variety of physical situations by proper application of principles, laws, and concepts in physics through the use of calculus, trigonometric, and algebraic techniques
PHYSIC-210	Construct, use, and manipulate various physical laboratory apparatus, as well as correctly evaluate, analyze, and interpret measurements of these physical systems
PHYSIC-222	Given a particular problem or project in physics, by using library and/or internet work and related research, students will, on an independent basis, and under the guidance of the instructor, demonstrate a deeper understanding of the physical concepts involved in the problem or project by correctly describing these concepts.
PHYSIC-222	By properly applying physical law and principles students will gain further insight into the problem or project.
PHYSIC-222	Also, students may use laboratory work to correctly construct physical systems to learn to use and manipulate laboratory apparatus, and to correctly make and analyze measurements of these physical systems to further study the physical problem or project.
POLICE-001	Construct an action plan for personal and professional growth that integrates exemplary leadership skills, self-accountability, strong emotional intelligence, and effective verbal/written communication skills across cultural boundaries
POLICE-001	Develop strategies to strengthen attitudes, behaviors, and organizing skills toward over-all mental preparation for the police academy experience
POLICE-001	Develop and adopt a lifetime fitness plan and demonstrate the ability to pass the physical agility test required by the State of California Commission on Peace Officer Standards and Training
POLICE-002	Explain the relationship of leadership, ethics, and community policing to the student's role as a peace officer
POLICE-002	Apply and illustrate their role as a peace officer as representatives of the criminal justice system when presented with a specific facts circumstance

POLICE-002	Identify the main themes and importance of a factually accurate investigative report
POLICE-002	Apply force options as taught in conformance with best practice and department policies and procedures
POLICE-002	Identify and apply strategies to resolve various ethical dilemmas presented to them in a field environment
POLICE-002	Identify the risks associated with responding to a crime in progress, including the pre-planning, scene response and management and the appropriate use of officer-safety tactics
POLICE-003	Demonstrate required competency as determined by the State of California Commission on Peace Officer Standards and Training (POST) including firearms qualification, defensive tactics, and techniques and cognitive assessment on key learning objectives of specified POST learning domains required for re-certification.
POLICE-003	Recognize specific rights afforded to the people by various amendments to the US Constitution and law enforcement's responsibility to respect those rights.
POLICE-003	Examine diversity, equity, and inclusion in the context of community policing including leadership, ethics, explicit/implicit biases, agency effectiveness, addressing crime and community problems, improving community relationships, and providing non-discriminatory enforcement of the law.
POLICE-003	Differentiate between police actions/behaviors that build versus diminish community trust and overall positive relationships between law enforcement officers and the people they serve.
POLICE-003	Identify the circumstances set forth in the California Penal Code that govern when a peace officer has the authority to use force, and the amount and types of force that are objectively reasonable, necessary, and proportional.
POLICE-003	Define de-escalation and recognize its related concepts relative to seeking peaceful resolution through voluntary compliance whenever possible.
POLICE-003	Recognize the implications/consequences of using excessive force and how such behavior impacts the community, police officers, and police agencies.
POLICE-003	Recognize elements, classifications, and definitions involving various crimes, and how to effectively investigate them.
POLICE-050	Demonstrate knowledge of police bicycle maintenance procedures
POLICE-050	Understand police bicycle safety equipment and safety procedures
POLICE-050	Recognize physical fitness and proper nutrition of a police bicycle officer
POLICE-050	Demonstrate bicycle riding techniques while on patrol
POLICE-051	Demonstrate knowledge of police bicycle maintenance procedures
POLICE-051	Understand police bicycle safety equipment and safety procedures
POLICE-051	Recognize physical fitness and proper nutrition of a police bicycle officer
POLICE-051	Examine instructor development and facilitation skills
POLICE-051	Identify proper bicycle patrol riding techniques
POLICE-060	Demonstrate the required documentation used in a collision report
POLICE-060	Identify and articulate the primary cause and other associated factors in a collision

POLICE-060	Recognize the importance for searching, locating and properly recording evidence
POLICE-061	Apply and analyze the techniques for determining speed from vehicle skidmarks
POLICE-061	Demonstrate correct technique for measuring skidmarks
POLICE-061	Apply mathematical formulas in analysis of vehicle skidmarks
POLICE-061	Determine proximate cause of collisions using evidence collected at collision sites
POLICE-062	Demonstrate the necessary skills to collect vehicle collision evidence and analyze the data
POLICE-062	Analyze vehicle systems and vehicle related accident factors
POLICE-062	Define and describe human factors of injury
POLICE-062	Define, describe, and apply time-position analysis and free fall analysis
POLICE-063	Define and describe the knowledge and skills necessary to interpret the evidence available at the scene of a traffic collision
POLICE-063	Covert mathematical models into understandable and concise reports
POLICE-063	Determine and apply current trends in traffic collision reconstruction and experiment with identified techniques and methodologies in a controlled environment
POLICE-064	Describe the importance of shop safety and the proper use of personal protective equipment
POLICE-064	Define skills and techniques associated with proper vehicle inspection procedures
POLICE-064	Explain photography procedures for a motor vehicle inspection
POLICE-064	Understand the condition of tires, wheels, brakes, suspension and steering systems.
POLICE-064	Determine proper courtroom procedures
POLICE-065	Identify common driving indicators of a person driving under the influence
POLICE-065	Explain common symptoms of a person who is under the influence of alcohol
POLICE-065	Determine if a person can be arrested for driving under the influence
POLICE-070	Operate a semi-auto or revolver pistol in a safe manner , practicing the procedure for the safe-handling of a firearm
POLICE-070	Perform the proper cleaning, care and inspection of a semi-auto or revolver firearm
POLICE-070	Perform the fundamental skills of firing a firearm to be effective in reactive and precision situations during live fire arm exercises
POLICE-070	Operate a semi-auto or revolver firearm in a safe manner when correcting a malfunction
POLICE-071	Define and describe the major functions of the peace officer within the criminal justice system
POLICE-071	Demonstrate basic techniques of arrest and control
POLICE-072	Identify a crisis incident involving the mentally ill
POLICE-072	Explain the roles and responsibilities of a law enforcement officer at a crisis incident involving the mentally ill
POLICE-072	Identify appropriate crisis intervention techniques to deal with the mentally ill
POLICE-072	Understand the resources available in the mental health community
POLICE-073	Describe the roles and responsibilities of the child abuse investigator

POLICE-073	Examine the six types of child abuse
POLICE-073	Define and describe photography procedures of a child abuse investigation
POLICE-073	Demonstrate proper interviewing techniques for child abuse investigations
POLICE-073	Develop interrogation and interview techniques of a child abuse investigation
POLICE-073	Determine proper courtroom procedures
POLICE-074	Understand the history of gangs
POLICE-074	Analyze gang dynamics
POLICE-074	Identify street gangs, Asian gangs, outlaw motorcycle gangs, skinheads, and prison gangs
POLICE-075	Explain and discuss proper search techniques when attempting to control and secure violent offenders.
POLICE-075	Discuss proper takedown control and handcuffing techniques.
POLICE-075	Understand policy and procedure when dealing with violent offenders.
POLICE-075	Identify the legal, medical ramifications and liability issues.
POLICE-075	Explain the reports that need to be written on violent offenders.
POLICE-076	Evaluate and process the crime scene of a homicide
POLICE-076	Define and describe photography procedures of a homicide
POLICE-076	Determine proper evidence collection at the scene of a homicide
POLICE-076	Develop interrogation and interview techniques of a homicide investigation
POLICE-076	Understand the process of cold case investigations
POLICE-076	Determine proper courtroom procedures
POLICE-077	Describe and explain the role of a crime scene investigation in a criminal investigation
POLICE-077	Demonstrate the proper methods for securing and managing a crime scene
POLICE-077	Explain and differentiate the proper searching methods used in searching for and discovering evidence located in a crime scene
POLICE-077	Analyze crime scenes to identify supplies and equipment needed to conduct a proper crime scene investigation
POLICE-077	Apply all rules of search and seizures concerning evidence found and collected at a crime scene
POLICE-077	Demonstrate crime scene documentation techniques such as sketches and photography
POLICE-078	Describe and explain the proper methods of daylight and nighttime photography
POLICE-078	Demonstrate flash photography procedures of crime scene investigation
POLICE-078	Apply impression photography including oblique lighting, shoe impressions, tire tracks, and trails
POLICE-078	Examine close-up photography procedures
POLICE-078	Explain Adobe Photoshop procedures of crime scene investigation
POLICE-079	Describe the development, history and advancement of bloodstain pattern interpretation
POLICE-079	Identify the inherent limitations of bloodstain pattern interpretation
POLICE-079	Analyze the practical aspects of bloodstain pattern interpretation

POLICE-079	Recognize, document, collect, preserve, and examine bloodstain pattern evidence
POLICE-079	Apply and demonstrate scientific method and the laws of physics directly to bloodstain pattern interpretation
POLICE-079	Explain the mathematical relationships, which apply to bloodstain pattern interpretation specifically the angle of impact determination(s) and three-dimensional determinations
POLICE-090	Analyze the training and development of police trainees
POLICE-090	Identify the five functions of the field-training officer: Supervision, evaluator, role model, counselor and trainer
POLICE-090	Define special training issues: Liability issues, civil liabilities, and employee due process rights
POLICE-091	Identify the five functions of the field-training officer
POLICE-091	Evaluate and be able to use the Peace Officer Standards and Training (POST) Field Training Guide (FTG)
POLICE-091	Demonstrate the special training uses inherent in a field trainer's job
POLICE-091	Understand current trends in personal and agency civil liability
POLICE-092	Describe the role of a law enforcement supervisor as trainer and motivation initiator
POLICE-092	Demonstrate and analyze supervisory responsibility of employee-relations law
POLICE-092	Describe and analyze the techniques utilized for law enforcement discipline and motivation
POLICE-092	Demonstrate and describe leadership styles and supervisor organizational skills
POLICE-092	Assess supervisor/subordinate ethical conduct
POLICE-093	Describe the role of a supervisor as a trainer and motivation initiator
POLICE-093	Demonstrate and analyze supervisory responsibility of employee relations laws
POLICE-093	Understand the difference between doing work and getting work done
POLICE-093	Describe and analyze the techniques utilized for clerical, maintenance, janitorial and auto mechanics discipline and motivation
POLICE-093	Identify how values develop and change
POLICE-094	Demonstrate knowledge of the Peace Officer Standards and Training (POST) Basic Course Instructional System
POLICE-094	Understand blooms cognitive taxonomy
POLICE-094	Develop POST lesson plans
POLICE-094	Define and describe adult learning concepts
POLICE-094	Evaluate competency and verification process
POLICE-094	Develop critical thinking skills
POLICE-095	Students will learn how to system troubleshoot
POLICE-095	Students will know the proper use of force
POLICE-095	Students will understand the importance of decision making skills related to use of force
POLICE-095	Students will know the use of force law
POLICE-095	Students will be skilled and understand the use of simulator
POLICE-095	Explain and document use of force incidents

POLICE-095	Create a Force Option Simulator scenario
POLICE-096	Diagnose shooting targets and determine solutions to the shooter's marksmanship
POLICE-096	Prepare safety rules in a shooting range environment
POLICE-096	Design handgun and shotgun shooting course for law enforcement personnel
POLICE-100	Describe examples of ethical dilemmas that may evolve while enforcing the law
POLICE-100	Demonstrate non-discriminatory enforcement of the law
POLICE-100	Recognize the requirements as a mandatory reporter to communicate suspected child abuse or neglect to the police, schools, medical workers, and others
POLICE-100	Recall weapons laws and be able to apply them to a specific facts circumstance
POLICE-101	Apply the rule of law concerning unreasonable searches and seizures
POLICE-101	Recognize and differentiate between reasonable suspicion and probable cause
POLICE-101	Practice the role of a peace officer in the presentation of testimony and evidence in a given facts circumstance
POLICE-102	Create and develop opportunities to partner with community members to resolve issues of mutual concern
POLICE-102	Identify and implement facts circumstances that warrant problem-solving strategies
POLICE-102	Contrast, compare and distinguish the values, perspectives and differences amongst persons with whom they come into contact, and adapt their behavior in response to interactions with any individual or group
POLICE-102	Identify and discuss implicit bias and cultural diversity in response to California's changing communities
POLICE-103	Recognize, collect, and preserve evidence from a crime scene
POLICE-103	Explain the chain of custody
POLICE-103	Differentiate between direct and indirect evidence
POLICE-601	Explain how traffic laws have changed since students' last written driver's license exam.
POLICE-601	Describe how the aging process limits visual, hearing, and physical reflex ability.
POLICE-601	Describe the effects of medications on driving.
POLICE-601	Identify the DMV rules of the road and defensive driving tactics.
POLIT-100	Demonstrate an understanding of the constitutional structure of the United States government, by identifying and distinguishing the various different functions of the legislative, executive, and judicial branches, and their associated bureaucratic and regulatory agencies, as assessed by examinations and written reports.
POLIT-100	Demonstrate an understanding of the constitutional structure of the California state government, by identifying and distinguishing the various distinctive functions of the legislative, executive, and judicial branches of the state, along with associated bureaucratic and regulatory agencies, as well as local governments, as assessed by examinations and written essays and reports.
POLIT-100	Demonstrate an ability to participate in the American political system by means of political party affiliation, lobbying, voting, and other sorts of political activism, as assessed by examinations and written essays and reports.

POLIT-100H	Demonstrate an understanding of the constitutional structure of the United States government, by identifying and distinguishing the various different functions of the legislative, executive, and judicial branches, and their associated bureaucratic and regulatory agencies, as assessed by examinations and written reports.
POLIT-100H	Demonstrate an understanding of the constitutional structure of the California state government, by identifying and distinguishing the various distinctive functions of the legislative, executive, and judicial branches of the state, along with associated bureaucratic and regulatory agencies, as well as local governments, as assessed by examinations and written essays and reports.
POLIT-100H	Demonstrate an ability to participate in the American political system by means of political party affiliation, lobbying, voting, and other sorts of political activism, as assessed by examinations and written essays and reports.
POLIT-100H	Honors: Develop written communication skills, including the ability to make effective use of information and ideas as they pertain to American Politics.
POLIT-100H	Honors: Develop effective oral communication skills.
POLIT-100H	Honors: Analyze and synthesize a broad range of material.
POLIT-100H	Honors: Use knowledge and logic when discussing an issue or an idea, while considering the consequences of ideas to become independent and critical thinkers.
POLIT-110	Demonstrate an understanding of the main currents of Western political thought by identifying and distinguishing the particular contributions of leading theorists, as assessed by examinations and written essays and reports
POLIT-110	Demonstrate an ability to critically analyze these theories, by identifying their strong and weak points and their interconnections, as assessed by examinations and written essays and reports
POLIT-110	Demonstrate an ability to apply these theoretical concepts in their own lives, by relating these ideas to current concerns, as assessed by examinations and written essays and reports as well as class discussions
POLIT-110H	Demonstrate an understanding of the main currents of Western political thought by identifying and distinguishing the particular contributions of leading theorists contained in important selected primary texts, as assessed by examinations and written essays and reports
POLIT-110H	Demonstrate an ability to critically analyze these theories, by identifying their strong and weak points and their interconnections, as assessed by examinations and written essays and reports
POLIT-110H	Demonstrate an ability to apply these theoretical concepts in their own lives, by relating these ideas to current concerns, as assessed by examinations and written essays and reports as well as class discussions
POLIT-138	Demonstrate an understanding of important principles of effective work in a group context, by identifying and analyzing these concepts, as assessed by examinations and written essays and reports
POLIT-138	Demonstrate an ability to apply these principles in practice, in the context of the SBVC student government or some other appropriate situation as assessed by instructor observations and written student accounts of their activities
POLIT-138H	Demonstrate an understanding of important principles of effective work in a group context, by identifying and analyzing these concepts, as assessed by examinations and written essays and reports

POLIT-138H	Demonstrate an ability to apply these principles in practice, in the context of the SBVC student government or some other appropriate situation as assessed by instructor observations and written student accounts of their activities
POLIT-138H	Demonstrate an understanding of a variety of leadership theories and approaches that may be used in student advocacy, as assessed by written examination
POLIT-139	Demonstrate an understanding of important principles of effective participation in the affairs of the larger community, by identifying and analyzing these concepts, as assessed by examinations and written essays and reports
POLIT-139	Demonstrate an ability to apply participatory principles in practice, by effectively communicating concerns to community decision makers, as assessed by instructor observations and written student accounts of these efforts
POLIT-139H	Demonstrate an understanding of important principles of effective participation in the affairs of the larger community, by identifying and analyzing these concepts, as assessed by examinations and written essays and reports
POLIT-139H	Demonstrate an ability to apply participatory principles in practice, by effectively communicating concerns to community decision makers, as assessed by instructor observations and written student accounts of these efforts
POLIT-139H	Demonstrate an understanding of possible leadership theories and approaches that may be used in student advocacy, as assessed by written examination
POLIT-140	Given a set of parameters (or variables) the student should be able to identify the principal parameters around which scholars of comparative politics are accustomed to comparing different national political systems--and be able to evaluate why these variables have enduring and near-universal appeal to comparativists. The student will demonstrate this ability through a written test
POLIT-140	Through a written test, the student should be able to demonstrate knowledge of Cultural and historical factors that are sometimes thought to produce authoritarian regimes and those that are thought to produce democratic regimes and their corresponding institutions of government
POLIT-140	The student should be able to demonstrate knowledge of the major components of the political economy (public goods, social expenditures, tax policies, regulation, trade policies, money supply, employment, etc.) and the contrasting characteristic approaches by which these components of the political economy are handled respectively by liberal democracies, social democracies, and authoritarian regimes. The student should be able to demonstrate this ability through a written test
POLIT-141	Given a case study of a United States foreign policy decision, the student should be able to use the principle of "levels of analysis" to analyze the internal and external forces that drove the decision. The student will demonstrate this ability through a written test.

POLIT-141	Given a set of leading international organizations, the student should be able to demonstrate through a written test which international organizations are IGOs, and which are NGOs; and to explain their role in the international order. In particular, the student should be able to describe the six organs of the United Nations (the world's foremost universal membership IGO) and their respective functions in the creation and maintenance of international peace and security. The student should be able to demonstrate this ability through a written test.
POLIT-141	Through a written test, the student should be able to demonstrate good grasp of the: Rival theories of the causes of war; Tenets of the "just war" principle under international law and Hugo Grotius' seminal treatise on this subject; Major framework for peaceful conflict resolution through good offices, mediation, arbitration, tribunal, and conciliation.
POLIT-141H	Given a case study of a United States foreign policy decision, the student should be able to use the principle of "levels of analysis" to analyze the internal and external forces that drove the decision. The student will demonstrate this ability through a written test.
POLIT-141H	Given a set of leading international organizations, the student should be able to demonstrate through a written test which international organizations are IGOs, and which are NGOs; and to explain their role in the international order. In particular, the student should be able to describe the six organs of the United Nations (the world's foremost universal membership IGO) and their respective functions in the creation and maintenance of international peace and security. The student should be able to demonstrate this ability through a written test.
POLIT-141H	Through a written test, the student should be able to demonstrate good grasp of the: Rival theories of the causes of war; Tenets of the "just war" principle under international law and Hugo Grotius' seminal treatise on this subject; Major framework for peaceful conflict resolution through good offices, mediation, arbitration, tribunal, and conciliation.
POLIT-150	Define and explain the policy process in the United States
POLIT-150	Analyze and evaluate the actors and the environment involved in the policy process
POLIT-150	Explain the theories that describe how policy is made
POLIT-170	Explain how race and gender are defined and operate in the United States.
POLIT-170	Analyze how power is institutionalized in economic, educational, familial, health, and electoral structures.
POLIT-170	Evaluate the effectiveness of public policies and explain how policies impact members of race and gender groups differently.
POLIT-173	Describe the structure and operation of the California state government, the challenges it faces, and the key political actors within it.
POLIT-173	Assess the impact of the main contemporary policy issues and controversies that are facing the state and its regions.
POLIT-173	Analyze the factors that influence the decision-making processes of the California government.
POLIT-222	Independent study courses create unique SLOs given the project and course contract.

PSYCH-100	Students will demonstrate the ability to identify, compare, and critically evaluate theory and research based ideas in a variety of psychology subfields and show the ability to apply these ideas to their lives, as assessed by a written assignment.
PSYCH-100	Students will demonstrate the ability to analyze the consequences of different personal behavioral choices by applying psychological theory and research to their lives, as assessed by a written assignment.
PSYCH-100H	Students will demonstrate the ability to identify, compare, and critically evaluate theory and research based ideas in a variety of psychology subfields and show the ability to apply these ideas to their lives, as assessed by exams and homework assignments.
PSYCH-100H	Students will demonstrate the ability to analyze the consequences of different personal behavioral choices by applying psychological theory and research to their lives, as assessed by exams and written assignments.
PSYCH-100H	Honors: Students will demonstrate the ability to identify, compare, apply, and critically evaluate theory and research-based ideas from a variety of psychology subfields using APA format and assessed by a paper based on a minimum of 10 research articles following American Psychological Association (APA) format, and will include a visit to a 4-year college library of their choice to develop this reference list of psychology journal articles.
PSYCH-102	Students will demonstrate the ability to identify, compare, and critically evaluate the characteristics of healthy and unhealthy behavior patterns and show application of this knowledge to their lives as assessed by exams and homework assignments.
PSYCH-102	Students will demonstrate the ability to identify, compare, and critically evaluate different personal management techniques and coping strategies, and show application of this knowledge to their day-to-day living, as assessed by exams and homework assignments.
PSYCH-105	Understand such topics as measurement frequency distributions and the normal curve, measures of central tendency and variability, sampling and statistical inference, correlation, hypothesis testing, and ANOVA, as assessed by exams and homework assignments.
PSYCH-105	Apply statistical concepts to real research examples, as assessed by exams and homework assignments.
PSYCH-105	Select the statistical test appropriate for analyzing data presented in research simulations.
PSYCH-110	Students will demonstrate the ability to identify and compare basic kinds of mental disorders and their symptoms and show application of this knowledge to their lives, as assessed by exams and written assignments.
PSYCH-110	Students will demonstrate the ability to identify and compare various approaches to therapy, both psychological and biological, and show application of this knowledge to their lives, as assessed by exams and written assignments.
PSYCH-111	Students will demonstrate the ability to identify, compare, and critically such lifespan issues such as the nature of change, continuity, and discontinuity, and genetic and environmental influences on growth, as assessed by exams and homework assignments.
PSYCH-111	Students will demonstrate the ability to identify, compare, and critically evaluate current theory and research on lifespan issues, as assessed by a written analysis of the validity of specific research examples.

PSYCH-112	Students will demonstrate the ability to identify, compare, and critically evaluate influences on the normal individual from conception through adolescence, as assessed by exams and written assignments.
PSYCH-112	Students will demonstrate the ability to identify, compare, and critically evaluate a variety of developmental stages proposed by classical theorists as assessed by exams and written assignments.
PSYCH-118	Identify, compare, and critically evaluate research evidence related to a variety of assumptions and attitudes toward human sexuality as assessed by exams and written assignments.
PSYCH-118	Identify a variety of problems that restrict full sexual functioning, as assessed by exams and written assignments.
PSYCH-118	Describe, discuss, and evaluate the impact of childhood experiences on adult expressions of sexuality and adult relationships.
PSYCH-119	Describe and explain the psychological influences of culture on such topics as ethnocentrism, social development, human development, social cognition, social interactions, and research methods and ethics.
PSYCH-119	Identify, compare, and critically evaluate the effect of culture on physical health, mental health, communication, and identity development.
PSYCH-119	Describe and discuss skills that enhance cross-cultural communication, interactions, relationships, and discuss psychological commonalities among cultural groups.
PSYCH-141	Identify and describe such topics as development and structure of the nervous system and human evolution and genetics.
PSYCH-141	Describe and explain brain-behavior relationships involved in learning, memory, sleep, stress, addiction, and psychological disorders.
PSYCH-141	Compare and critically evaluate hypothesis testing in biological psychology, research methods in biological psychology, and ethical issues in biological psychology.
PSYCH-201	Identify and critically evaluate topics such as the scientific method, hypothesis testing, general research designs, standard research practices, and ethical issues in research.
PSYCH-201	Critically evaluate and apply research methods to real research examples as well as applying APA format in writing research reports.
PSYCH-201	Describe, discuss, and evaluate quantitative and experimental research methods.
PSYCH-201	Describe, discuss, and evaluate qualitative and non-experimental research methods.
PSYTCH-084	Employ and explain theoretical knowledge relating to the care of people with developmental disabilities.
PSYTCH-084	Apply evidence-based practice related to care of people with developmental disabilities.
PSYTCH-084	Implement clinical reasoning in clinical and laboratory settings.
PSYTCH-084	Demonstrate and administer safe dosage calculations.
PSYTCH-085	Upon completion 90% of the students will be able to demonstrate knowledge of basic concepts and principles related to medical and surgical physical disorders as demonstrated on final examination.

PSYTCH-085	Upon completion 90% of the students will be able to apply basic concepts and principles of medical-surgical nursing to the care of a client with physical disorders as demonstrated in comprehensive client care performance in the clinical area as evaluated by their clinical instructor.
PSYTCH-085	Upon class completion, 90% of the students will pass with an 80% or better rate on a short simulated Psychiatric Technology State Board Certification on nursing science as measured by simulated on-line BVNPT state board examinations.
PSYTCH-086	Utilize the Nursing Process/Nursing Interventions to assess and identify the needs, care, and treatment for patients/clients with mental health disorders as evidenced by developing a plan of care with a grade of 75% or higher.
PSYTCH-086	Demonstrate theoretical knowledge related to mental health disorders by passing theory with a minimum score of 75% or better.
PSYTCH-086	Assess and assist patients/clients by using therapeutic communication and interviewing techniques by passing their clinical rotation.
PSYTCH-601	Students will pass with a minimum score of 75% or better, on an exam that simulates the Psychiatric Technology State Board Licensing, Exam
READ-015	Read college-level passages and respond to questions related to those passages to demonstrate reading comprehension.
READ-015	Establish vocabulary appropriate for 12th-grade reading level.
READ-015	Demonstrate literal and inferential comprehension through short written responses.
READ-015	Identify a passage's main idea, supporting details, and primary pattern of organization.
READ-100	Critically and independently read and comprehend a passage written at the 13th grade reading level and analyze several factors of a text including main idea, supporting details, and the primary pattern of organization.
READ-100	Increase their knowledge of vocabulary commonly used at the 13th grade reading level.
READ-102	Students will demonstrate the ability to read analytically, utilizing critical thinking skills in the interpretation, synthesis, and evaluation of information across the disciplines and correctly identifying elements of reasoning, fallacies, and arguments
READ-102	Students will demonstrate reading ability of material written at or above the 13th grade reading level and beyond
READ-103	Apply academic reading strategies to texts across disciplines.
READ-103	Describe effective strategies for personal change.
READ-103	Identify psychological, cultural, and experiential factors which influence viewpoints.
READ-104	Formulate persuasive arguments with evidenced-based reasons.
READ-104	Identify reasoning fallacies in argumentative, non-fiction texts.
READ-104	Evaluate arguments on controversial issues and compare opposing views.

READ-615	Read college-level passages and respond to questions related to those passages to demonstrate reading comprehension.
READ-615	Establish vocabulary appropriate for 12th-grade reading level.
READ-615	Demonstrate literal and inferential comprehension through short written responses.
READ-615	Identify a passage's main idea, supporting details, and primary pattern of organization.
REALST-062	Describe common practices employed in a residential real estate transaction.
REALST-062	Explain real estate marketing and sales techniques as it applies to listing real property.
REALST-062	Analyze ethical and procedural problems that arise in residential real estate sales transactions.
REALST-062	Identify what is prohibited by fair housing laws.
REALST-063	Identify, compare and critically evaluate the fundamentals of mortgage lending
REALST-063	Analyze the role in loan processing of underwriting, closing and loan administration
REALST-066	Students will demonstrate skills achieved when given real estate math problems, by calculating the correct answer on monthly payments as assessed by quizzes and exams
REALST-066	Students will demonstrate their ability in the use of a given software property management accounting/bookkeeper program as assessed by quizzes and exams
REALST-068	Identify the physical, social, economic and political forces that affect property values
REALST-068	Complete a standard form appraisal of a typical single-family residence
REALST-068	Identify three basic approaches to value used by appraisers
REALST-068	Evaluate data from appraisal sources to determine market trends and values, determine the information that is relevant to the particular property at hand
REALST-070	Describe notes, loans, and trust deeds typically used by real estate lenders.
REALST-070	Analyze and qualify a borrower for a prospective real estate loan.
REALST-070	Identify and assess ethical issues related to real estate finance.
REALST-070	Understand the Consumer Credit Protection Act of 1968 (Truth in Lending Act).
REALST-074	Identify essential characteristics of a contract.
REALST-074	Illustrate how contracts are used, and distinguish between contract and disclosure.
REALST-074	Identify agency issues and describe the duties and responsibilities the agency has to its principal and others.
REALST-074	Describe the four fundamental ways of classifying all contracts.
REALST-076	Describe the major functions of property managers, including their legal and interpersonal concerns.
REALST-076	Detail specific practices and problems in management of various properties, such as retail property, office buildings, apartments, industrial property, and condominiums.
REALST-076	Define the technical terminology in the property management field.
REALST-076	Identify everyday issues regarding maintenance, accounting, administration, and other activities.
REALST-078	Describe the economic principles that govern real estate markets and buyer/seller behavioral patterns.

REALST-078	Explain the economic impacts of income and property taxation on market value.
REALST-078	Logically interpret national, regional, and community trends in terms of their effects on real estate.
REALST-078	Analyze and apply sound economic principles to income processing through the use of break-even analysis, cash equivalents, capitalization theory, and internal fair rates of return.
REALST-080	List the main documents of an escrow and explain their purpose.
REALST-080	Create an escrow closing statement.
REALST-080	Differentiate between the various types of escrows: exchange, sale, and business.
REALST-080	Identify and analyze the preliminary information vital to the binding contract in the form of escrow instructions, determine which forms will be necessary, and fill in the proper forms.
REALST-100	Identify and define real estate terminology utilized in industry.
REALST-100	Explain laws and procedures that apply to the sale of California residential real estate.
REALST-100	Identify and assess ethical issues related to the real estate environment.
REALST-100	Analyze the principles, components, and regulations of basic real estate contracts and transactions, determine which are related to a particular problem, and solve the problem using those principles, components and regulations.
REALST-601	Apply strategies for scoring at an individual's highest potential on the State of California Exam.
REALST-601	Differentiate between various real estate contracts.
REALST-601	List and explain mandatory components of a real estate contract.
REALST-601	Accurately evaluate and utilize real estate terminology.
REALST-601	Explain the difference between personal property and real property.
REALST-601	Explain the difference between real estate sections and real estate townships.
RELIG-100	Read and critically evaluate primary sources in religious studies
RELIG-100	Respond critically, analytically, and/or synthetically to issues dealing with various theories (theories including, but not limited to: history, sociology, politics, psychology, philosophy and anthropology) within religious studies
RELIG-100	Apply issues and concerns arising in religious studies to contemporary experience
RELIG-100H	Critically evaluate primary sources in religious studies
RELIG-100H	Respond critically, analytically, and/or synthetically to issues dealing with various theories (theories including, but not limited to: history, sociology, politics, psychology, philosophy and anthropology) within religious studies
RELIG-100H	Apply issues and concerns arising in religious studies to contemporary experience
RELIG-101	Read and critically evaluate primary sources in world religions
RELIG-101	Respond critically, analytically, and/or synthetically to issues dealing with world religions
RELIG-101	Apply the concepts and issues from world religious traditions to contemporary experience
RELIG-115	With a particular focus on magic, witchcraft and new religious movements, apply the framework of the academic study of religion to the human religious experience.

RELIG-115	Articulate the histories and beliefs of magic, witchcraft and new religious movements.
RELIG-115	Articulate the conceptual framework that guides the study of magic, witchcraft, and new religious movements.
RELIG-115	Apply ideas and concepts from primary sources with magic, witchcraft, and new religious movements to contemporary religious experiences.
RELIG-135	Read and critically evaluate primary sources related to religion in America
RELIG-135	Respond critically, analytically, and/or synthetically to issues dealing with religion in America
RELIG-135	Relate the concepts and issues arising in religion in America to contemporary experience
RELIG-150	Read and critically evaluate primary sources in mythology
RELIG-150	Respond critically, analytically, and/or synthetically to issues dealing with the traditions of mythology
RELIG-150	Relate the concepts and issues arising in mythology to contemporary experience
RELIG-175	Upon reading a passage of scripture, the student will recognize euphemism and other figures of speech, analyze their impact on the composition, and write a coherent essay explaining the literary merit of their use.
RELIG-175	The student will identify and classify types of parallelism found in biblical poetry, justify in writing their use in conveying the theme of a passage of scripture.
RELIG-176	Read and critically evaluate primary sources with the study of Jesus and his interpreters
RELIG-176	Respond critically, analytically, and/or synthetically to issues within the study of the identities and interpretations of Jesus
RELIG-176	Relate the concepts and issues surrounding Jesus and his interpreters to contemporary experience
RELIG-180	Read and critically evaluate primary sources related to death and dying
RELIG-180	Critically analyze issues related to death and dying (including, but not limited to: prescribed weeping and mourning, public displays of mourning, and a lack of mourning; hospice work and the insidious idea of gift versus commodity)
RELIG-180	Relate the issues concerning death and dying to contemporary experience
SDEV-001	Review and apply information from the SBVC catalog in order to meet college expectations in relation to policies and procedures, programs of study, and students' rights and responsibilities.
SDEV-001	Identify the various modes of instruction; access and utilize the instructional learning management system and counseling platforms; and communicate effectively within the college community.
SDEV-001	Apply success strategies, identify college resources and components of an educational plan needed to become a prepared student.
SDEV-015	Differentiate between the various higher educational systems
SDEV-015	Identify effective campus resources needed for college success
SDEV-015	Apply the concepts of familia/home to gain understanding of self-awareness to assist in planning their education goals
SDEV-102	Develop academic and lifelong success strategies
SDEV-102	Identify resources and programs on campus

SDEV-102	Explain the system of higher education as it relates to educational planning and transfer processes
SDEV-103	Identify and design key tasks and strategies through short, mid, and long-term life goals and career choices
SDEV-103	Compose a cover letter and resume
SDEV-103	Recognize interview skills and etiquette
SDEV-103H	Identify and design key tasks and strategies through short, mid, and long-term life goals and career choices
SDEV-103H	Compose a cover letter and resume
SDEV-103H	Recognize interview skills and etiquette
SDEV-103H	Analyze the various levels of higher education and professional work settings
SDEV-900	Define what a learning disability is according to the California Community College Learning Disability Eligibility Model
SDEV-900	Describe the aspects of his/her learning disability specifically with regard to academic strengths, academic limitations, and cognitive processing (if applicable)
SDEV-900	Explain how his/her academic accommodations directly relate to his/her learning disability (if applicable)
SDEV-905	The student will create an individual math success plan based on strengths and weaknesses from a math study skills evaluation.
SDEV-905	Students will learn how utilize accommodations and learning strategies to compensate for educational limitations (if any) in their math classes.
SDEV-905	The student will learn how acquiring math competencies is a different process than most other academic skills and will gain effective strategies for approaching non-cognitive factors that can interfere with learning math skills.
SDEV-906	The student will be able to identify individual sounds and their order within words (phonemic awareness).
SDEV-906	Students will demonstrate improved phonemic awareness skills compared to baseline as reflected in their ability to accurately identify the number and order of sounds in syllables and words
SDEV-906	Students will demonstrate improved written decoding, written encoding, and word recognition skills compared to baseline as demonstrated in improved ability to self-correct reading and spelling errors and improved reading and spelling fluency
SDEV-906	Students will demonstrate improved reading comprehension skills compared to baseline as reflected in their ability to integrate decoding, sight words, oral vocabulary and use of context to answer factual, inferential and applied questions
SOC-100	Students will demonstrate their understanding of the sociological perspective evaluated by a written or objective assessment
SOC-100	Students will demonstrate their understanding of the relationship between major sociological perspectives and social research evaluated by a written or objective assessment
SOC-100H	Students will demonstrate their understanding of the relationship between sociological paradigms and social research evaluated by a written or objective assessment

SOC-100H	Students will demonstrate their understanding of the sociological perspective evaluated by a written or objective assessment
SOC-100H	Students will evaluate original sample work(s) of a primary sociologist using the sociological imagination evaluated by a written assignment
SOC-110	Students will demonstrate their understanding of the sociological imagination as it applies to the study of social problems evaluated by a written or objective assessment
SOC-110	Students will demonstrate their understanding of the major sociological perspectives through the critical analysis of social problems affecting one or more social institutions evaluated by a written or objective assessment
SOC-110H	Students will demonstrate their understanding of the sociological imagination as it applies to the study of social problems evaluated by a written or objective assessment
SOC-110H	Students will demonstrate their understanding of the major sociological perspectives through the critical analysis of social problems affecting one or more social institutions evaluated by a written or objective assessment
SOC-110H	Students will demonstrate their understanding of the sociological imagination as it applies to the study of social problems evaluated by a written or objective assessment
SOC-120	Demonstrate an understanding of the interrelationship between the social determinants of health and health outcomes specifically impacting racialized ethnic minorities and intersectionality evaluated by a written or objective assessment
SOC-120	Identify the interrelationship between the social determinants of health and health outcomes specifically impacting the four historically racialized core groups and intersectionality evaluated by a written or objective assessment
SOC-120	Demonstrate knowledge of public health approaches and strategies utilized to promote health equalities relevant to racialized ethnic minorities and intersectionality to promote social justice, group-affirmation, and agency
SOC-120	Describe public health approaches and strategies utilized to promote health equalities relevant to the four historically racialized core groups and intersectionality to promote social justice, group-affirmation, and agency
SOC-130	Students will demonstrate their understanding of the psychosocial conceptual framework used to study the social institution of family evaluated by a written or objective assessment
SOC-130	Students will demonstrate knowledge of current societal trends influencing the family institution evaluated by a written or objective assessment
SOC-135	Students will demonstrate their knowledge of the major theoretical approaches used to study crime and deviance evaluated by a written or objective assessment
SOC-135	Students will demonstrate their understanding of the demographic variations in criminal behaviors evaluated by a written assessment
SOC-141	Demonstrate an understanding of the interrelationship between historical factors and contemporary trends used to study race and ethnic relations evaluated by a written or objective assessment

SOC-141	Demonstrate their knowledge of the introductory concepts of ethnic studies, major theoretical approaches used to study race and ethnic relations evaluated by a written or objective assessment
SOC-141	Analyze anti-racist approaches toward a just and equitable society
SOC-141H	Demonstrate an understanding of the interrelationship between historical factors and contemporary trends used to study race and ethnic relations evaluated by a written or objective assessment
SOC-141H	Demonstrate their knowledge of the introductory concepts of ethnic studies, major theoretical approaches used to study race and ethnic relations evaluated by a written or objective assessment
SOC-141H	Analyze anti-racist approaches toward a just and equitable society
SOC-141H	Complete a project of their choosing with a focus on equity and evaluate its potential for social change
SOC-145	Students will demonstrate knowledge of gender roles in major social institutions evaluated by a written assignment
SOC-145	Students will demonstrate knowledge of the major paradigmatic analyzes of gender evaluated by a written assignment
SOC-150	Students will demonstrate their understanding of the multidisciplinary conceptual framework used to study aging evaluated by a written or objective assessment
SOC-150	Students will demonstrate knowledge of current societal trends influencing aging evaluated by a written or objective assessment
SPAN-101	Produce a one to two-paragraph written descriptive passage in Spanish in the present tense.
SPAN-101	Produce a three to five-minute oral presentation in Spanish in the present tense.
SPAN-101	Use reading comprehension skills in present and preterit tenses.
SPAN-101	Use listening comprehension skills in the present and preterit tenses.
SPAN-101	Recognize and demonstrate a sensitivity to the linguistic and cultural diversity of Spanish-speaking countries.
SPAN-101H	Use reading comprehension skills in present and preterit tenses.
SPAN-101H	Use listening comprehension skills in the present and preterit tenses.
SPAN-101H	Interpret basic vocabulary phrases and expressions in spoken Spanish.
SPAN-101H	Provide a short oral and written description indicating their origin, nationality, age and family members, and other level-appropriate topics.
SPAN-101H	Recognize and demonstrate a sensitivity to the linguistic and cultural diversity of Spanish-speaking countries.
SPAN-101H	Honors: Read and critically analyze a Hispanic literary work in English.
SPAN-102	Read and comprehend a passage consisting of intermediate syntax, grammar and vocabulary.
SPAN-102	Demonstrate listening comprehension skills of an oral passage consisting of intermediate syntax, grammar and vocabulary.
SPAN-102	Produce a written passage in Spanish about a past experience using preterit and imperfect.
SPAN-102	Produce an oral presentation in Spanish about a past experience using preterit and imperfect tenses.

SPAN-102	Express knowledge of, and sensitivity and equity to, linguistic and cultural diversity and contributions of Spanish-speaking populations.
SPAN-102H	Read and comprehend a passage consisting of intermediate syntax, grammar and vocabulary.
SPAN-102H	Demonstrate listening comprehension skills of an oral passage consisting of intermediate syntax, grammar and vocabulary.
SPAN-102H	Produce a written passage in Spanish about a past experience using preterit and imperfect.
SPAN-102H	Produce an oral presentation in Spanish about a past experience using preterit and imperfect tenses.
SPAN-102H	Express knowledge of, and sensitivity and equity to, linguistic and cultural diversity and contributions of Spanish-speaking populations.
SPAN-103	Students will be able to use intermediate reading, writing, and listening comprehension skills in a variety of complex tenses and modes on a comprehensive final exam where 70% meets minimum learning outcomes
SPAN-103	Students will demonstrate orally and in writing their understanding of a variety of complex tenses, and modes, where 70% meets the minimum learning outcome
SPAN-103	Students will demonstrate deeper knowledge of, and sensitivity to, more complex topics of Hispanic culture, music, sports, literature, politics and government, etc
SPAN-103H	Students will be able to use intermediate reading, writing, and listening comprehension skills in a variety of complex tenses and modes on a comprehensive final exam where 70% meets minimum learning outcomes
SPAN-103H	Students will demonstrate orally and in writing their understanding of a variety of complex tenses, and modes, where 70% meets the minimum learning outcome
SPAN-103H	Students will demonstrate deeper knowledge of, and sensitivity to, more complex topics of Hispanic culture, music, sports, literature, politics and government, etc.
SPAN-104	Identify literary genres (poetry, drama, fiction, essays) and express ideas in original paragraphs
SPAN-104	Critically analyze Hispanic cultures portrayed in Spanish literature, lectures, discussions and reading
SPAN-104	Speak, write, read, and comprehend in Spanish at an intermediate level
SPAN-157	Students will demonstrate the ability to understand and use reading, writing, listening in the present, past and future tenses and subjunctive mood to produce academic and professional output in Spanish on a comprehensive final exam where 70% meets minimum learning outcome
SPAN-157	Students will demonstrate orally and in writing their understanding of a variety of complex tenses, and modes, where 70% meets the minimum learning outcome
SPAN-157	Students will demonstrate knowledge of, and sensitivity to, linguistic and cultural diversity of Spanish-speaking countries through presentations where 70% meets the minimum learning outcome
SPAN-158	Demonstrate improved application of grammar, orthography and register in writing and speaking
SPAN-158	Evaluate literary genres (poetry, drama, fiction, essays) and express ideas in original written paragraphs
SPAN-158	Demonstrate a deeper knowledge of, and sensitivity to, complex topics of Hispanic culture and literature

TECALC-087	Solve and manipulate a variety of applied technical problems using formula, conversion charts, and analysis with or without a calculator.
TECALC-087	Read and interpret, in both metric and imperial units, various measurement tools and devices used in the trades.
THART-098	Demonstrate proficiency of skills specified in the measurable objectives.
THART-098	Understand the expectation and value of teamwork.
THART-098	Establish and maintain a positive relationship with employer.
THART-100	Identify and examine theatrical components in production
THART-100	Critically analyze dramatic literature and performances
THART-105	Apply an analytical framework to several model plays
THART-105	Respond creatively and analytically to a chosen play
THART-110	Demonstrate vocal clarity and expressiveness in performance
THART-110	Analyze a dramatic character and demonstrate vocal characterization in performance
THART-114X4	Evaluate and analyze a script for performance
THART-114X4	Apply skills and methods to performing a role on stage
THART-120	Compose a character analysis
THART-120	Demonstrate basic skills of acting, including physical, vocal, imaginative, analytical, and emotional elements
THART-121	Demonstrate the ability to create a character using textual analysis
THART-121	Apply elements of effective acting techniques as a personal standard
THART-121	Evaluate acting technique in a live performance
THART-131	Analyze a script and determine the practical and creative music/sound requirements
THART-131	Produce a complete sound design on a sample script
THART-131	Construct a sound score on a script
THART-132	Identify, define, and describe terminology commonly associated with theatrical lighting design and execution
THART-132	Recognize and explain the different types of drawings and paperwork commonly used in theatrical lighting design
THART-132	Produce the paperwork necessary to implement a lighting design
THART-135	Create a promptbook for a theatrical project
THART-135	Direct a scene for public presentation using a directorial concept and plan
THART-136	Define and distinguish between commonly used theatrical terms applied to design and the technical elements of theatre production
THART-136	Demonstrate and use basic skills in creating and organizing a design project from concept to execution
THART-139	Analyze a play script to create a design concept
THART-139	Utilize costume construction methods to build a costume
THART-147	Define the commonly used theatrical terms associated with theatre movement
THART-147	Analyze modern and period-style scripts and demonstrate appropriate physical characterization

THART-147	Evaluate movement and physical characterization in a theatrical production
THART-160X4	Employ basic skills required for a technical theatre crew
THART-160X4	Demonstrate and employ basic skills to address the technical demands of a theatrical production
THART-165	Use makeup to interpret an author's characterization
THART-165	Interpret a production through makeup design
THART-166	Demonstrate basic improvisational performance skills including scene building, timing, collaboration, and audience interaction
THART-166	Evaluate improvisational performances
THART-167	Create a variety of distinct human and nonhuman characters and establish specific relationships and status
THART-167	Build complex long form improvisations using advanced techniques
THART-167	Evaluate improvisational acting techniques in a live performance
THART-222	Students will demonstrate increased knowledge of a theatrical production in the appropriate area, (ie character analysis, performance experience, stage crafts, costumes, make-up, production staff or technical theatre) as evidenced through a specific project approved by the department.
THART-295A-Z	Analyze a script in terms of playwriting, acting, directing, design, stage management, or critique as assessed by exams, written assignments, or industry-specific paperwork.
THART-295A-Z	Present a design concept, a design, a paper, or a performance demonstrating theatre skills and techniques.
VOCED-600	The student will identify personal, professional, and workplace related goals
VOCED-600	The student will construct a basic personal and professional financial plan
VOCED-600	The student will describe legal and ethical issues related to the workplace
VOCED-601	The student will employ basic customer service techniques including strategies for remaining positive on the job
VOCED-601	The student will read a customer service scenario, analyze the content for desired customer service practices, and provide recommendations in writing
VOCED-602	Conduct market research and search for jobs in a chosen field
VOCED-602	Construct a resume to support their job search plan
VOCED-603	The student will list effective employee behaviors in the workplace
VOCED-603	The student will describe three optimal employee behaviors and explain in writing why the identified behaviors are desired practices for employee success
VOCED-631	Given specific words from the Spelling List, student will create a simple, compound, complex sentence
VOCED-631	Given a poorly written business report, the student will be able to edit the document to produce a clear and concise written business-related document
VOCED-631	Given the eight parts of speech the student will be able to recognize the correct uses of English grammar
VOCED-631	Given a list of sentences, student will identify seven parts of speech

WELD-010	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding
WELD-010	Safely perform the set up and use of oxy-acetylene welding and cutting equipment
WELD-010	Perform a fillet weld using the gas metal arc welding process
WELD-012	Show an understanding of the safety for welding cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-012	Demonstrate the ability to perform a fillet weld using the oxy-acetylene process.
WELD-012	Demonstrate the ability to perform a braze weld using the oxy-acetylene process.
WELD-012	Demonstrate the ability to perform both straight and circular cuts using a handheld oxy-fuel torch.
WELD-015	Show an understanding of the safety precautions for gas tungsten arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-015	Demonstrate the gas tungsten arc welding process and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, electrode angles and filler addition) in producing quality in-position welds on mild steel, and aluminum.
WELD-015	Perform and meet the standards of acceptability to pass a welder performance qualification test on carbon steel.
WELD-016	Show an understanding of the safety precautions for gas tungsten arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-016	Demonstrate the gas tungsten arc welding process and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, electrode angles and filler addition) in producing quality groove welds that meet the standard of acceptability to pass a destructive test.
WELD-016	Perform and meet the standards of acceptability to pass a welder performance qualification test on aluminum.
WELD-017	Show an understanding of the safety precautions for gas tungsten arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-017	Demonstrate and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, electrode angles and filler addition) in producing quality groove welds in 2G position on pipe that meet the standard of acceptability to pass a destructive test.
WELD-017	Perform and meet the standards of acceptability to pass a GTAW 5G welder performance qualification test on pipe.
WELD-027	Demonstrate the ability to use the standard Rockwell hardness tester to determine the hardness of a material.
WELD-027	Correctly identify the hardness reading of a given test sample and cross list this reading to the tensile strength chart for accuracy.
WELD-027	Demonstrate the ability to determine the causes of a weld failure after performing a bend test and provide the applicable solution.
WELD-028	Demonstrate the ability to perform the required light calibrations for PT.
WELD-028	Demonstrate the ability to perform Level 1 NDE using MT.

WELD-028	Demonstrate the ability to perform a visual inspection to AWS D1.1 standard.
WELD-045	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-045	Produce quality multi-pass fillet welds using E6010 in a lab-based test in accordance with industry standards
WELD-045	Produce quality multi-pass fillet welds using E7018 in a lab-based test in accordance with industry standards
WELD-046	Identify and apply safety in welding, cutting, and allied processes
WELD-046	Perform and meet the standards of acceptability to pass an American Welding Society structural welding performance test with a backing strip in 3G
WELD-046	Perform and meet the standards of acceptability to pass an American Welding Society structural welding performance test with a backing strip in 4G
WELD-047	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-047	Perform and meet the standards of acceptability to pass a 3G welding performance test without backing on plate
WELD-047	Perform and meet the standards of acceptability to pass a 4G welding performance test without backing on plate.
WELD-048	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-048	Perform and meet the standards of acceptability to pass a 2G welding performance test without backing on pipe
WELD-048	Perform and meet the standards of acceptability to pass a 5G welding performance test without backing on pipe.
WELD-048	Perform and meet the standards of acceptability to pass a 6G welding performance test without backing on pipe.
WELD-055	Identify and describe the uses of common rigging hardware and equipment
WELD-055	Inspect common rigging equipment
WELD-055	Select, use, and maintain special rigging equipment, including: jacks, block and tackle, chain hoists, slings, and come-alongs
WELD-055	Tie and identify the application of knots used in rigging
WELD-055	Use the correct hand signals to guide a crane operator
WELD-055	Identify basic rigging and crane safety procedures
WELD-060	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-060	Interpret all the parts and materials necessary to fabricate a project from the drawing that appears on the bill of materials.
WELD-060	Use layout tools and equipment, such as rulers, squares, dividers, and levels.
WELD-060	Use methods and techniques for fabricating essential components used in the welding industry.
WELD-061	Students will demonstrate the ability to understand structural views of horizontal and sloped members.
WELD-061	Students will demonstrate the ability to interpret a structural blueprint.

WELD-061	Students will be able to identify geometry of lines, angles, and parts of a circle, types of triangles, rectangles and squares.
WELD-065	Use the structural welding code to determine the acceptable limits of visual and non-destructive testing procedures of welded structures
WELD-065	Write a welding procedure specification (WPS) using the AWS D1.1 structural welding code as a reference
WELD-065	Describe the general AWS welding knowledge expected of a Certified Welding Inspector (CWI)
WELD-066	Describe the general welding components required to pass the City of Los Angeles Department of Building and Safety's written examination.
WELD-066	Identify the AWS D1.1 Structural Welding Code required as part of the City of Los Angeles Department of Building and Safety structural steel welder's examination.
WELD-067	Demonstrate the ability to read a standard set of shop and field blueprints to determine appropriate welding symbols and prequalified joint designs.
WELD-067	Demonstrate the ability to perform the required visual and non-destructive examinations using the visual inspection procedures and standard measurement tools to evaluate material conformity.
WELD-068	Pass the (LADBS) written exam for the Light Gauge Steel certification
WELD-068	Pass the (LADBS) written exam for the Reinforced Steel certification.
WELD-068	Take a performance qualification test for either the AWS D1.3 or AWS D1.4
WELD-077	Students will demonstrate the ability to select the proper welding wire using the AWS electrode classification for GMAW.
WELD-077	Students will demonstrate the ability to weld in all positions.
WELD-080	Show an understanding of the safety precautions for gas metal arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-080	Demonstrate the gas metal arc welding process and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, and gun angles in producing quality in- position welds on mild steel.
WELD-080	Perform and meet the standards of acceptability to pass a GMAW welder performance qualification test on carbon steel.
WELD-081	Show an understanding of the safety precautions for gas metal arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-081	Demonstrate the gas metal arc welding process and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, and gun angles in producing quality in- position welds on mild steel and aluminum.
WELD-081	Perform and meet the standards of acceptability to pass a GMAW spray transfer welder performance qualification test on carbon steel.
WELD-082	Show an understanding of the safety precautions for gas metal arc welding and demonstrate an awareness of the importance of safety in welding.

WELD-082	Demonstrate and apply the variables that affect weld quality (polarity, amperage, arc length, travel speed, and gun angle) in producing quality groove welds in 2G position on pipe that meet the standard of acceptability to pass a destructive test.
WELD-082	Perform and meet the standards of acceptability to pass a 5G welder performance qualification test on pipe.
WELD-090	Show an understanding of the safety precautions for FCAW-G and demonstrate an awareness of the importance of safety in welding.
WELD-090	Demonstrate and apply the variables that affect weld quality (polarity, amperage, stick out, travel speed, and gun angles) in producing quality groove welds in 3G position that meet the standard of acceptability to pass a destructive test.
WELD-090	Perform and meet the standards of acceptability to pass a FCAW-G welder performance qualification test on carbon steel
WELD-091	Show an understanding of the safety precautions for FCAW-S and demonstrate an awareness of the importance of safety in welding.
WELD-091	Demonstrate and apply the variables that affect weld quality (polarity, amperage, stick out, travel speed, and gun angles) in producing quality groove welds in 3G position that meet the standard of acceptability to pass a destructive test.
WELD-091	Perform and meet the standards of acceptability to pass a FCAW-S welder performance qualification test on carbon steel
WELD-092	Show an understanding of the safety precautions for FCAW-S/FCAW-G and demonstrate an awareness of the importance of safety in welding.
WELD-092	Demonstrate and apply the variables that affect weld quality (polarity, amperage, stick out, travel speed, and gun angles) in producing quality groove welds in 2G position on pipe that meet the standard of acceptability to pass a destructive test.
WELD-092	Perform and meet the standards of acceptability to pass a FCAW-S/FCAW-G 5G welder performance qualification test on pipe.
WELD-098	Demonstrate proficiency of skills specified in the measurable objectives
WELD-098	Understand the expectation and value of teamwork
WELD-098	Establish and maintain a positive relationship with employer
WELD-099	Demonstrate proficiency of skills specified in the measurable objectives
WELD-099	Understand the expectation and value of teamwork
WELD-099	Establish and maintain a positive relationship with employer
WELD-645	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-645	Produce quality multi-pass fillet welds using E6010

WELD-645	Produce quality multi-pass fillet welds using E7018
WELD-646	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-646	Perform and meet the standards of acceptability to pass an American Welding Society structural welding performance test with a backing strip in 3G.
WELD-646	Perform and meet the standards of acceptability to pass an American Welding Society structural welding performance test with a backing strip in 4G.
WELD-660	Show an understanding of the safety for welding, cutting, and allied processes and demonstrate the importance of safety in welding.
WELD-660	Interpret all the parts and materials necessary to fabricate a project from the drawing that appears on the bill of materials.
WELD-660	Use layout tools and equipment, such as rulers, squares, dividers, and levels.
WELD-660	Use methods and techniques for fabricating essential components used in the welding industry.
WELD-666	Show an understanding of the general welding knowledge required to pass the City of Los Angeles Department of Building and Safety's written examination.
WELD-666	Show an understanding of the AWS D1.1 Structural Welding Code required as part of the City of Los Angeles Department of Building and Safety structural steel welders examination.
WELD-680	Show an understanding of the safety precautions for gas metal arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-680	Demonstrate the gas metal arc welding process and apply the variables that affect weld quality(polarity, amperage, arc length, travel speed, and gun angles in producing quality in- position welds on mild steel.
WELD-680	Perform and meet the standards of acceptability to pass a GMAW welder performance qualification test on carbon steel.
WELD-681	Show an understanding of the safety precautions for gas metal arc welding and demonstrate an awareness of the importance of safety in welding.
WELD-681	Demonstrate the gas metal arc welding process and apply the variables that affect weld quality(polarity, amperage, arc length, travel speed, and gun angles in producing quality in- position welds on mild steel and aluminum.
WELD-681	Perform and meet the standards of acceptability to pass a GMAW spray transfer welder performance qualification test on carbon steel.
WELD-690	Show an understanding of the safety precautions for FCAW-G and demonstrate an awareness of the importance of safety in welding.
WELD-690	Demonstrate and apply the variables that affect weld quality(polarity, amperage, stick out, travel speed, and gun angles) in producing quality groove welds in 3G position that meet the standard of acceptability to pass a destructive test.

WELD-690	Perform and meet the standards of acceptability to pass a FCAW-G welder performance qualification test on carbon steel
WELD-691	Show an understanding of the safety precautions for FCAW-S and demonstrate an awareness of the importance of safety in welding.
WELD-691	Demonstrate and apply the variables that affect weld quality(polarity, amperage, stick out, travel speed, and gun angles) in producing quality groove welds in 3G position that meet the standard of acceptability to pass a destructive test.
WELD-691	Perform and meet the standards of acceptability to pass a FCAW-S welder performance qualification test on carbon steel
WKEXP-099	Demonstrate proficiency of skills specified in the measurable objectives
WKEXP-099	Understand the expectation and value of teamwork
WKEXP-099	Establish and maintain a positive relationship with employer
Writing Center SAOs	Students served by the Writing Center will self report that they have gained skills to help them to become better writers and/or English learners.
Writing Center SAOs	Students who use the services provided by the Writing Center will self report that they have received quality service by supportive tutors.
Writing Center SAOs	Students from a variety of disciplines will use the Writing Center services.
WST-031	The students will be able to describe the role of a water conservation coordinator
WST-031	Given a particular water conservation project, the student will be able to calculate its cost effectiveness
WST-031	Describe the sources of water supplies in California and its impact on daily life
WST-034	Be able to describe how water and energy consumption are intrinsically linked
WST-034	Differentiate between consumptive and non-consumptive uses of water
WST-034	Explain the impact of government mandates and law on water resource management
WST-036	Identify the functions of a water utility manager
WST-036	Describe the importance of the management function of water and wastewater treatment systems
WST-036	Define the financial strength of a water utility, given the cost of services and revenue
WST-036	Evaluate the societal and fiscal impacts of environmental laws and regulations
WST-036	Explain the need for maintaining good public relations as part of ensuring public support
WST-037	Identify key environmental laws and regulations and procedures to improve compliance
WST-037	Analyze the impact of key environmental laws and regulation pertaining to multiple disciplines
WST-037	Identify the steps needed to manage project goals using environmental law regulations
WST-038	Describe the role of GIS as a planning tool for the water industry
WST-038	Understand and apply the basic skills of the ArcGIS software

WST-038	Using ArcGIS, illustrate the effects of population growth and distribution on water demand and supply
WST-038	Using ArcGIS, illustrate the effects of agriculture on water demand and supply
WST-045	Students will be prepared to pass County Health Department certification
WST-045	Be able to differentiate various backflow devices and advantage and disadvantage of each device
WST-045	An SLO Assessment Test was given at the end of the semester consisting of testing a backflow assembly and answering troubleshooting questions for that assembly
WST-048	A student will list the standard sizes and identification markings for each backflow preventer
WST-048	The Student will identify hazards and facilities where backflow protection will be required
WST-048	The Student will demonstrate competence by completing a survey of a plumbing fixture and providing a clear and articulate written report of any hazards observed and recommendation(s) for mitigation
WST-052	Convert units commonly found in water technology such as gallons per minute, cubic feet per second, million gallons per day.
WST-052	Select and use the appropriate formula to solve applied water technology word problems in a regulatory context.
WST-052	Calculate the volume and concentration of resulting solution when two liquids are diluted or blended.
WST-053	Select and use appropriate formula to solve it
WST-053	Define and calculate various loading rates used in the wastewater treatment: Hydraulic loading, Organic loading, Food to Microorganism Ratio (F:M), Solids loading rate, Digester loading rate, Digester volatile solids rate, Population loading and population equivalent
WST-053	Differentiate between Mean Solids Retention Time (MCRT) and Food to Microorganism Ratio (F:M)
WST-061	Describe the functions of a water distribution operator plant operator and why water must be safeguarded
WST-061	Describe and explain the various components, including equipment utilized in a water distribution systems
WST-061	Articulate Occupational and Safety and Health Administration (OSHA) requirements as it pertains to water distribution
WST-061	Using the "Exam Conversion Sheet" provided by State of California Water Resources Board, the student will be able to convert units commonly used in water distribution
WST-061	Using the "Exam Conversion Sheet" provided by State of California Water Resources Board, the student will be able to choose the appropriate equation to solve simple water distribution problems
WST-062	Evaluate overall plant performance to determine normal and abnormal operating conditions.
WST-062	Interpret federal and state laws as they relate to water distribution systems.

WST-062	Identify and evaluate potential safety hazards encountered in typical water distribution systems and be able to take proactive steps to mitigate.
WST-062	Calculate pumping efficiency, chemical blending, chemical dilutions, and other advanced math problems commonly found in water distribution.
WST-071	Identify causes of drinking water contaminations and their effect on the quality of water
WST-071	Outline major provisions of the Safe Drinking Water Act and its significant amendments
WST-071	List the major processes used in the treatment of drinking water and how these processes influence the outcome
WST-071	Articulate Occupational Safety and Health Administration (OSHA) requirements as it pertains to water treatment
WST-071	Calculate volume, chemical feed and dosage, detention time, and other common water quality related calculations
WST-072	Students will evaluate various methods of disinfection as they relate to specific cases as required by regulations (ESWTR, TCR, and Nitrate)
WST-072	Students will compare and contrast corrosion control and taste/odor control
WST-072	Students will analyze the hazards and safety procedures related to water treatment plant operations, chemical, and electrical
WST-072	Students will calculate the rate of flow of water from two wells to obtain blended water flow of a predetermined concentration
WST-075	Explain the basic principles and procedures of record keeping, quality assurance, and applications of mathematics
WST-075	Perform chemical, physical and microbiological testing of water/wastewater
WST-075	Utilize and maintain a variety of laboratory testing tools and equipment
WST-075	Explain established protocols for laboratory testing procedures and regulations
WST-081	The student will be able to describe the functions of a wastewater collection system operator and why wastewater collection system operation and maintenance is necessary
WST-081	The student will be able to describe and explain the wastewater collection system: 1. Components, 2. Safety Procedures, 3. Inspection and Testing Methods, 4. Pipeline Cleaning Maintenance Methods, 5. Underground Repair Methods
WST-081	The student will be able to perform the basic mathematical calculations necessary for wastewater collection system operation and maintenance
WST-081	The student will review and study the basic information necessary to pass the California Water Environment Association (CWEA) Collection System Maintenance Grade I Certification Exam
WST-082	Identify common hazards and be able to take necessary action to work safely
WST-082	List common types of lift stations and describe their operation
WST-082	List and describe the operation of common valves used in a wastewater collection system
WST-082	Perform multi-step math computation common to wastewater collection system
WST-086	Define and analyze basic electronic concepts, parameters and components

WST-086	Explain the components and the characteristics of instrumentation and controls systems
WST-086	Identify and describe instrumentation and control loops
WST-086	Apply the principles of electronic circuit theory
WST-086	Identify sensors, signal and control loop logic
WST-086	Interpret symbols used in control and instrumentation circuits
WST-086	Apply the principals of electrical safety when working with process controls, automated equipment, hazardous energy, and chemical addition processes
WST-091	Describe the functions of a wastewater treatment plant operator and why wastewater must be treated
WST-091	Describe the sources of sewage and compare the treatment processes required for different types of sewage
WST-091	Describe and explain the various components and processes in a wastewater treatment plant
WST-091	Articulate Occupational Safety and Health Administration (OSHA) requirements as it pertains to wastewater treatment
WST-091	Perform basic mathematical calculations related to volumes, hydraulics, chemical dosages and organic loading
WST-092	Evaluate overall plant performance to determine normal and abnormal operating conditions
WST-092	Interpret federal and state laws as they relate to wastewater treatment
WST-092	Identify and evaluate potential safety hazards encountered in typical water distribution systems and be able to take proactive steps to mitigate
WST-092	Calculate pumping efficiency, BOD, MLVSS, MLSS, F/M Ratio and other advanced math problems commonly found in wastewater treatment
WST-098	Demonstrate proficiency of skills specified in the measurable objectives
WST-098	Understand the expectation and value of teamwork
WST-098	Establish and maintain a positive relationship with employer
WST-601	Knowledge of types of disinfectant and the disinfection process
WST-601	A basic understanding of distribution system design and hydraulics
WST-601	Knowledge of drinking water regulations, management and safety
WST-601	Understanding water quality and water resources
WST-602	Knowledge of water main and storage tank disinfection and disinfection by products
WST-602	Knowledge of system layout, flow rates and velocity, and service connections
WST-602	Knowledge of key provision of the Safe Drinking Water Act
WST-602	Understanding distribution system equipment operations, basic troubleshooting, repair and installation
WST-602	Knowledge of key contaminants that affect water quality
WST-603	Student is prepared to successfully pass the State WaterResources Control BoardDistribution Operator examination at the D3 level
WST-611	50 percent student in introductory water treatment class will attempt the T1 certification test

WST-611	Students will pass State of California Treatment license exam at T1 level at a higher rate than the average pass rate for the T1 operator for the state as a whole
WST-612	Student is prepared to successfully pass the State Water Resources Control Board Water Treatment Operator examination at the T2 level
WST-625	The student will be able to describe the sources of wastewater and compare the treatment processes required for each type
WST-625	The student will be able to describe preliminary and primary wastewater treatment
WST-625	The student will be able to perform basic mathematical calculations related to volumes, hydraulics, chemical dosages and organic loading
WST-626	The student will be able to interpret federal and state laws and regulations as they relate to wastewater treatment processes
WST-626	The student will be able to evaluate the performance and operation of various unit processes
WST-626	The student will be able to identify abnormal operation procedures including the application of laboratory results to process control, equipment and facilities maintenance
WST-626	The student will be able to identify and evaluate variations in conventional biological treatment systems
WST-629	Students will use educational and career information to analyze various careers in water technology
WST-629	Students will also gain an understanding of the expected range of knowledge and skills essential to careers in water technology
WST-629	Students will also develop an educational plan that leads to a specific career choice in the student's interest area
WST-631	The students will be able to describe the role of a water conservation practitioner
WST-631	Given a particular water conservation project, the student will be able to calculate its cost effectiveness
WST-631	Describe the sources of water supplies in California and its impact on daily life
WST-652	Using dimensional analysis, the students will be able convert units commonly found in waterworks mathematics
WST-652	Students will be able to identify and apply algebraic techniques to solve simple and multistep word problems routinely encountered in waterworks mathematics
WST-652	Using a scientific calculator, students will be able to evaluate an expression correctly
WST-653	Convert units of measurement commonly found in wastewater technology math.
WST-653	Identify and apply algebraic techniques to solve simple and multistep word problems routinely encountered in wastewater technology math.
WST-653	Evaluate an expression correctly using a scientific calculator.
WST-661	The students will have knowledge of Occupational Safety and Health Administration (OSHA) requirements as it pertains to water distribution
WST-661	Students will be prepared to pass State of California Distribution Operator license exam at D1 level

WST-661	Using the "Exam Conversion Sheet" provided by State of California Water Resources Control Board, the student will be able to convert units commonly used in water distribution
WST-661	Using the "Exam Conversion Sheet" provided by the State of California Water Resources Control Board, the student will be able to choose the appropriate equation to solve simple water distribution problems
WST-671	Students will be prepared to pass State of California Treatment Operator license exam at the T1 or T2 level
WST-671	Identify causes of drinking water contaminations and their effect on the quality of water
WST-671	Outline major provisions of the Safe Drinking Water Act and its significant amendments
WST-671	Calculate volume, chemical feed and dosage, detention time, and other common water quality related calculations
WST-681	The student will describe the functions of a wastewater collection system operator and why wastewater collection system operation and maintenance is necessary
WST-681	The student will describe and explain the wastewater collection system such as components, safety procedures, inspection and testing methods, pipeline cleaning maintenance methods and underground repair methods
WST-681	The student will perform the basic mathematical calculations necessary for wastewater collection system operation and maintenance
WST-681	The student will review and study the basic information necessary to pass the California Water Environment Association (CWEA) Collection System Maintenance Grade I Certification Exam
WST-691	The student will describe the sources of sewage and compare the treatment processes required for different types of sewage
WST-691	The student will describe preliminary and primary wastewater treatment
WST-691	The student will perform basic mathematical calculations related to volumes, hydraulics, chemical dosages and organic loading