

## LPC Student Learning Outcomes

The following list contains all of the Student Learning Outcomes written by LPC faculty through June 8, 2011. The SLOs are listed in alphabetical order by course. Student Services SLOs follow the course list.

AJ50	The student will be able to identify and explain the major components and sub-components of the American justice system.
AJ54	the student will: Demonstrate the ability to take field and interview notes to complete a report; Explain the basic steps of interviewing a victim, witness and suspect.
AJ54	Identify the correct crime codes and elements of an offense/incident under investigation; Explain the legal requirements of police reports Organize and write a crime report; Understand and explain the importance of the police report in courtroom testimony;
AJ55	The student will explain how correctional agencies fulfill the mission of protecting society; describe the unique problems faced with incarcerating female prisoners and juvenile, special need offenders and death row inmates; Explain the differences between the federal and state prison systems and the differences between a prison and a jail.
AJ60	At the end of this course, the student will be able to: Identify the origins and foundational concepts of civil and criminal law; understand how laws are developed and modified and; be able to identify the primary sources on which the law is based.
AJ60	The student will be able to identify the elements of more common offenses as codified in the California Penal Code.
AJ61	At the end of the course, the student will be able to identify the rules of evidence pursuant to the California Evidence Code.
AJ61	At the end of the course, the student will be able to, demonstrate an understanding of the Federal Rules of Evidence and explain the basics of the rules of search and seizure.
AJ62	The student will be able to compare and contrast the different groups that comprise the American justice system. They will be able to identify and explain each sub-group, its roles and responsibilities within the justice system and its connection to each of the other subgroups.
AJ63	At the end of this course, the student will be able to: Demonstrate the ability to conduct a preliminary criminal investigation; conduct a preliminary interview/interrogation; perform a basic crime scene search and; identify the applicable investigative resources.
AJ64	Upon the successful completion of this course, the student will be able to identify the different methods of police patrol.
AJ64	Upon successful completion of this course, the student will be able to apply the proper patrol method to a model community based upon geography, traffic patterns, crime rate and demographics.

AJ69	At the end of this course, the student will be able to: discuss and evaluate the historical, societal, and cultural issues of sexual assault and rape; identify and define the legal elements of different sexual assaults; explain human behavior as it relates to sex crimes; appraise the theoretical causes of sexual assault; discuss techniques of prevention in sexual crimes.
AJ70	The student will be able to describe the structure and various cultures of a community, including special populations and subcultures and how to effectively communicate with each group.
AJ70	At the end of this course, the student will be able to: Identify the structure of the police organization and its impact on officer behavior, community relations programs and community members.
AJ71	The student will be able to explain the basic legal definitions of drug laws and describe specific California Penal Code and U.S. Code sections pertaining to drug enforcement.
AJ71	Upon completion of this course, the student should be able to discuss the historical background of drug use and the evolution of drug enforcement.
AJ74	At the end of this course, the student will be able to explain the legal definition of a gang.
AJ79	The student will be able to: Understand the legal definitions of homicide and murder; Distinguish the signs associated with homicide, suicide, accidental deaths and deaths from natural causes.
AJ9905	At the end of this course, the student will be able to demonstrate a level of competency in the safe handling and use of the patrol rifle, as defined by current case law and the RTC firearm qualification standards and understand the current laws and liability issues of patrol rifle usage.
AJ9961	The student will demonstrate the proper building search techniques.
AJ9961	The student will demonstrate the proper techniques for weapon take away with handguns and long guns.
AJ9969	At the end of the course, the student will have demonstrated the requirements to become a California POST certified firearms instructor.
AJ9979	At the end of this course, the student will be able to explain and demonstrate the safe handling of a bicycle modified for police patrol.
AJ9980	Upon completion of the course, the student will be able to show proficiency in the application of rules of engagement in critical incidents and demonstrate demonstrate tactical skills in sniping and field craft.
AJ9982	Upon completion of the course, the student will be able to describe effective techniques of instruction using the patrol rifle and demonstrate position shooting, including low-light operations.
AJ9987	Upon successful completion of this course, the student will be able to perform as a SWAT team member with a law enforcement agency.
AJ9995	At the end of this course, the student will be able to demonstrate a level of competency in the safe handling and use of the patrol rifle, as defined by current case law and the RTC firearm qualification standards and understand the current laws and liability issues of patrol rifle usage.
AJ9997	Upon completion of this course, the student will be able to assume the duties of a basically trained California peace officer and be eligible for duty as a probationary peace officer.

AJ9998	Upon completion of the course, the student will be able to demonstrate the application of leadership theories in given law enforcement situations.
ANAT1	Use muscle terminology to locate muscles and describe origin, insertion and action of selected muscles.
ANTH1	Successful completion of ANTH 1 will enable a student to explain Charles Darwin's theory of natural selection through the use of relevant concepts including fitness, selective pressure and differential reproductive success.
ANTH1	Successful completion of ANTH 1 will enable a student to differentiate and identify fossil hominid species based on typical anatomical characteristics.
ANTH1	Successful completion of ANTH 1 will enable a student to deconstruct the biological concept of "race."
ANTH12	Successful completion of ANTH 12 will enable a student to interpret ritual practices from various anthropological/theoretical perspectives.
ANTH13	Successful completion of ANTH 13 will enable a student to analyze human bones for identification of sex, ancestry, age, trauma and stature.
ANTH1L	Successful completion of ANTH 1L will enable a student to apply the scientific method to research in anthropology.
ANTH1L	Successful completion of Anth 1L will enable a student to identify fossil hominid species including osteological adaptations.
ANTH2	Successful completion of ANTH 2 will enable a student to analyze archaeological data to build theories about change in prehistoric societies.
ANTH29	Students will work independently to acquire new knowledge outside of the scope of regular anthropology offerings.
ANTH3	Successful completion of ANTH 3 will enable a student to collect, describe, use, and interpret the data resulting from anthropological methodologies including participant observation and ethnography.
ANTH4	Students who successfully complete ANTH 4 will be able to describe the the dynamic relationships between language, social context, thought, and cultural norms.
ANTH5	Successful completion of ANTH 5 will enable a student to analyze the pattern of U.S. government responses to successive immigrant groups through its changing immigration policies.
APAU9727	Collect Powertrain data and compare to known good.
APAU9729	Identify and judge HVAC performance.
APAU9734	APAU9734 Performance Skills
APAU9735	Use an oscilloscope to monitor powertrain failures
ART12A	Illustrate and apply glazing techniques of painting
ART12A	Illustrate and apply the dynamics of composition.
ART12B	Illustrate and apply principles of color theory.
ART12B	Illustrate and apply the dynamics of composition.
ART12B	Illustrate and apply glazing techniques of painting
ART12C	Illustrate and apply glazing techniques of painting
ART12D	Illustrate and apply glazing techniques of painting
ART13A	Illustrate and apply glazing techniques of painting
ART13A	Illustrate and apply the dynamics of composition.
ART13A	Illustrate and apply principles of color theory.
ART13B	Illustrate and apply principles of color theory.

ART13B	Illustrate and apply the dynamics of composition.
ART13B	Illustrate and apply glazing techniques of painting
ART13C	Illustrate and apply glazing techniques of painting
ART3A	Illustrate and apply the dynamics of composition.
ART3A	Illustrate and apply the dynamics of drawing skill - line quality. composition.
ART3B	Illustrate and apply the dynamics of drawing skill - line quality.
ART3B	Illustrate and apply the dynamics of Composition
ART3C	Illustrate and apply the dynamics of composition.
ART3C	Illustrate and apply principles of color theory.
ART3C	Illustrate and apply the dynamics of drawing skill - line quality.
ART3D	Illustrate and apply principles of color theory.
ART3D	Illustrate and apply the dynamics of drawing skill - line quality.
ART5	Interpret the various ways in which works of art have been used as vehicles of expression.
ART5	Identify the overall evolution of the period.
ART5	Identify the works of art by their technical processes.
ART2A	Illustrate and apply the dynamics of drawing skill - line quality.
ART2A	Illustrate and apply the dynamics of composition.
ART2B	Illustrate and apply the dynamics of drawing skill - line quality.
ART2B	Illustrate and apply principles of color theory.
ART4	Identify the works of art by their technical processes.
ART4	Interpret the various ways in which works of art have been used as vehicles of expression.
ART4	Identify the overall evolution of the period.
ASL1A	By mid-semester students will be able to properly respond in American Sign Language to simple questions about self and surroundings.
ASTR10	Relate distances and time scales in the solar system and the cosmos to terrestrial distances and human times scales.
ASTR10	Differentiate between basic planetary types and demonstrate understanding of the processes responsible for their formation.
ASTR10	uses key ideas about the nature of the cosmos to differentiate between astronomical science and other systems of thought.
ASTR20	Relate distances and time scales in the solar system and the cosmos to terrestrial distances and human times scales.
ASTR20	uses key ideas about the nature of the cosmos to differentiate between astronomical science and other systems of thought.
ASTR30	Identify eight seasonal constellations in the night sky
AUTO55	Identify major automobile powertrain components.
AUTO55	Apply Safety Precautions in Shop Lab Exercises
AUTO61A	Analyze different fuel systems and distinguish differences.
AUTO61B	Collect Powertrain data and compare to known good.
AUTO62	Identify and judge HVAC performance.
AUTO64	Draw a CVT
AUTO65	Identify different braking systems.
AUTO66	Identify and judge suspension performance.
AUTO67A	Use an oscilloscope to monitor powertrain failures.
AUTO67B	Use an oscilloscope to monitor communication failures.

AUTO69	Use a scanner to bi-directionally control the EGR Valve
AUTO70A	Read and interpret latest version of Smog Check Manual
AUTO70B	Student should be able to complete a complete dyno drive
AUTO71A	Read schematics to diagnose and electrical problem
AUTO71B	Analyze different fuel systems and distinguish differences
AUTO71C	Use an oscilloscope to monitor communication failures
AUTO9973	Use time in an efficient manner.
AUTO9975	Draw the workings of a CVT
BIOL1	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
BIOL1	Students will conduct an independent research project and write a scientific report analyzing the results.
BIOL1	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
BIOL10	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
BIOL10	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
BIOL20	Students will be able to draw and label the four chambers of the heart, and describe the direction of blood flow.
BIOL31	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
BIOL31	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
BIOL5	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
BIOL5	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
BIOL50	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
BIOL50	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
BOTN1	Students will conduct an independent research project on the effect of the plant hormone gibberellin on the growth of mutant and wild type Brassica by growing the plants, taking measurements of their growth with and without the hormone, keeping accurate records, analyzing and drawing conclusions from their individual and the class data, writing a report using the standard format for a scientific paper.
BOTN1	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.

BUSN18	Successful completion of this course will enable students to evaluate issues that may have legal significance in the business environment.
BUSN18	Formulate legal conclusions based on sound legal reasoning.
BUSN18	Compare and contrast alternative legal theories as they apply to a particular fact situation.
BUSN18	Critique legal decisions made by the courts.
BUSN1A	1. Identify and name different components of a balance sheet. 2. Identify and name different components of an income statement. 3. Calculate and analyze current ratio, debt ratio and gross profit ratio.
BUSN1B	Upon successful completion of this course, students will be able to: 1. Identify and name different components of a cash flow statement using the indirect method. 2. Calculate operating, investing and financing cash flow components.
BUSN20	Evaluate the dynamics behind multinational enterprises.
BUSN20	Analyze investment opportunities in foreign markets.
BUSN20	Compare and contrast the financial implications of international trade.
BUSN20	Describe procedures and documentation necessary to import a product from a foreign country.
BUSN30	Successful completion of this course will enable students to analyze the role of American businesses in influencing ethical behavior and social responsibility in global markets.
BUSN30	Recognize the process for resolving an ethical dilemma.
BUSN30	Examine potential conflicts of interest within an organization which raise ethical considerations.
BUSN40	Successful completion of this course will enable students to analyze the role of business in a market economy.
BUSN40	Assess the impact of compliance-based and integrity-based ethics codes on the role of business in a market economy.
BUSN40	Compare the three primary business formations used by privately held American businesses.
BUSN40	Contrast management and leadership strategies in the functions areas of management, marketing, finance, human resources and production.
BUSN43	Identify the appropriate communication format for specific purposes.
BUSN43	List and assess the theories of teams and collaboration in the work environment.
BUSN43	Compare and contrast information, persuasive, and entertaining styles of presentations.
BUSN43	Analyze conflict resolution skills.
BUSN48	Compare and contrast the concepts of work, worth and leisure in the United States.
BUSN48	Evaluate organizational strategies of motivation.
BUSN48	Analyze the primary leadership styles.
BUSN48	Describe the characteristics of change.
BUSN51A	Upon successful completion of this course, students will be able to: 1. Correctly identify and calculate payroll entries including gross payroll, payroll taxes and net payment.
BUSN52	Evaluate barriers that prevent the transfer of meaning.
BUSN52	Compare and contrast the organizational theories of communication.
BUSN52	Analyze obstacles to cross-cultural communication.

BUSN52	Describe the basics factors of non-verbal communication.
BUSN53	Recognize grammatically correct correspondence, both incoming and outgoing.
BUSN53	Successful completion of this course will enable students to organize and assess grammatically correct business letters, memoranda, e-mail, instant messages, resumes, and letters of application.
BUSN53	Evaluate communication problems and formulate appropriate solutions.
BUSN55	Upon successful completion of this course, students will be able to: 1. Use percentages to calculate period over period increase or decrease in a given set of data. 2. Identify and interpret trends over a period using percentage increase or decrease.
BUSN56	Identify the roles managers play in organizations.
BUSN56	Compare and contrast the primary managerial functions.
BUSN56	Analyze the control function of management.
BUSN56	Describe the primary state laws that govern managerial decisions.
BUSN58	List the advantages and disadvantages of small business ownership.
BUSN58	Analyze the financial requirements for starting a business.
BUSN58	Compare and contrast the legal formation options for small businesses.
BUSN58	Discuss a marketing strategy for a small business launch.
BUSN65	Upon successful completion of this course, students will be able to: 1 Explain and use the expanded income tax formula to determine a tax liability or refund. 2 Identify and explain the general dependency tests as well as the tests for a dependent child and dependent relative. 3 - Describe the differences between an average and marginal tax rate.
BUSN74	Successful completion of this course will enable students to identify and describe effective telephone etiquette
BUSN7504	Upon successful completion of this course students should be able to describe the organizational and employee benefits of effective team building.
BUSN7504	Upon successful completion of this course students should be able to describe positive and negative human behaviors that influence a teams performance.
BUSN7504	Upon successful completion of this course students should be able to describe various tools and approaches to influence positive behaviors while extinguishing/addressing negative behaviors.
BUSN7505	Upon successful completion of this course students should be able to identify the motivation "highly valued criteria" behind various personality types.
BUSN7505	Upon successful completion of this course students should be able to describe effective communication strategies for various personality types.
BUSN7505	Upon successful completion of this course students should be able to describe various tools and approaches to influence positive behaviors while extinguishing/addressing negative behaviors.
BUSN7506	Upon successful completion of this course students should be able to define specific goals, expectations and measurements to acknowledge, reward or improve employee performance via a legal performance evaluation.
BUSN7506	Upon successful completion of this course students should be able to describe tools available to monitor employee performance outside of the formal 'review period'.
BUSN88	Describe the process of human resources planning.
BUSN88	Analyze the typical non-exempt compensation strategies.

BUSN88	Compare and contrast workplace security options.
BUSN88	Discuss the role of unions in employee relations.
BUSN91	Identify human relations skills and technical skills related to job applications.
BUSN92	Demonstrate and practice workplace functions in business and/or technical applications.
BUSN95	Demonstrate the ability to carry out learning objectives established by student, supervisor and instructor.
BUSN96	Develop an understanding of employer expectations, job requirements and career opportunities.
BUSN9950	Upon successful completion of this course, students will be able to: 1. Correctly calculate taxable income using the tax formula and an individual's income tax data. 2. Continue with the tax formula to correctly calculate amount owed or refund to be received.
BUSN9953	Upon successful completion of this course students should be able to compare and contrast the Family and Medical Leave Act, Americans with Disabilities Act, California Family Rights Act and the Veteran's Employment and Reemployment Act.
BUSN9953	Upon successful completion of this course students should be able to define and explain the implementation of 'reasonable accommodations'.
BUSN9953	Upon successful completion of this course students should be able to explain the return to work requirements for Family and Medical Leave Act, Americans with Disabilities Act, California Family Rights Act and the Veteran's Employment and Reemployment Act.
BUSN9954	Upon successful completion of this course students should be able to describe the principles of recruiting.
BUSN9954	Upon successful completion of this course students should be able to identify or prepare legal interview questions and applications for employment.
BUSN9954	Upon successful completion of this course students should be able to describe a legal, best practice employee selection process.
BUSN9954	Upon successful completion of this course students should be able to define the legal constraints of pre-employment screening tools and tests.
BUSN9955	Upon successful completion of this course students should be able to describe the organizational and employee benefits of effective team building.
BUSN9955	Upon successful completion of this course students should be able to describe positive and negative human behaviors that influence a teams performance.
BUSN9955	Upon successful completion of this course students should be able to describe various tools and approaches to influence positive behaviors while extinguishing/addressing negative behaviors.
BUSN9956	Upon successful completion of this course students should be able to identify the motivation "highly valued criteria" behind various personality types.
BUSN9956	Upon successful completion of this course students should be able to describe effective communication strategies for various personality types.
BUSN9956	Upon successful completion of this course students should be able to describe various tools and approaches to influence positive behaviors while extinguishing/addressing negative behaviors.

BUSN9957	Upon successful completion of this course students should be able to define specific goals, expectations and measurements to acknowledge, reward or improve employee performance via a legal performance evaluation.
BUSN9957	Upon successful completion of this course students should be able to describe tools available to monitor employee performance outside of the formal 'review period'.
CHEM12A	Students should be able to write a detailed mechanism for a Sn1 Reaction.
CHEM12B	Students should demonstrate a comprehensive knowledge of Organic Chemistry as measured by the American Chemical Society's Organic Chemistry National Exam.
CHEM1A	How well do the students balance a chemical reaction, determine the limiting reagent and the theoretical yield
CHEM1B	To measure the students ability to solve kinetic problems, we will see how many of the questions 37 - 42 they get right on the standardized ACS test
CHEM1B	What percentile did the student fall in for the ACS standardized general chemistry test - based on all college students.
CHEM30A	The student should be able to predict the products and write the balanced equation for some common chemical reactions.
CHEM30B	The student should be able to describe one function for each type of biological molecules
CHEM31	A student should be able to balance a chemical reaction
CIS50	CIS50 Demonstrate basic computing literacy by using office applications, the Internet and computer-based tutorials.
CIS54	Successful completion of this course will enable students to create and print charts from spreadsheet data.
CIS55	At the completion of this course, a student will be able to create a slide presentation containing text formatting, graphic images, a linked spreadsheet object.
CIS55	At the completion of this course, a student will be able to create a spreadsheet with text, values and at least two formulas.
CIS57	At the completion of this course, a student will be able to create a table in a database; include with at least three fields using different field types.
CIS57	At the completion of this course, a student will be able to query a table to create a subset of data based on a defined criteria.
CIS57	At the completion of this course, a student will be able to produce a printed report based on a subset of data.
CIS59A	At the completion of this course, a student will be able to compare the information formats of the Web.
CIS60	At the completion of this course, a student will be able to create survey questions to identify client requirements.
CIS65	Installing Desktop Operating Systems
CIS66	Set up a home or business network.
CIS71	Students will be assessed and placed into the appropriate keyboarding module based on their current keyboard skill.
CIS71A	Successful completion of this course will enable demonstrate a proficiency of 20 gwam on a 1-minute write with 1 or fewer errors

CIS71B	Successful completion of this course will enable student to demonstrate a proficiency of 25 gwam on a 3-minute write with 3 or fewer errors
CIS71C	Successful completion of this course will enable student to demonstrate a proficiency of 35 gwam on a 5-minute write with 5 or fewer errors
CIS71D	At the completion of this course, students will demonstrated an increase in their initial gwam speed by at least 10 words.
CIS71E	Students who successfully complete this course will demonstrate a proficiency of a minimum of 45 gwam on a 5-minute write with 5 or fewer errors
CIS72A	Successful completion of this course will enable students to utilize a database application to enter, edit, find, sort, and delete records and to create queries and reports, including mailing labels.
CIS72B	Successful completion of this course will enable students to embed and link data stored in an Excel worksheet into a Word document.
CIS73A	Successful completion of this course will enable students to key numeric data using the numeric keypad at a minimum rate of 90 strokes per minute with 98 percent accuracy.
CIS75	Upon successful completion of this course, students will be able to demonstrate effective and efficient telephone techniques for answer phones, taking messages, and assisting customers in a business environment.
CIS8	Upon successful completion of the course students will be able to discuss and identify ethical practices with regard to software copyright, copyright infringement, copyright protection, and software piracy.
CIS84	Successful completion of this course will enable students to copy, move, delete files and folders using My Computer icon and the Windows Explorer program.
CIS88A	Successful completion of this course will enable students to create, save, retrieve, edit and print documents in correct business formats.
CIS88B	Successful completion of this course will enable students to format text using columns headers/footers, footnotes/endnotes, styles, and templates.
CIS89A	Successful completion of this course will enable students to design, create, and view slide show presentation.
CIS89B	Successful completion of this course will enable students to plan, design, create publications using Microsoft Publisher.
CIS9902	Students will identify their personal learning goals.
CIS9984	Successful completion of this course will enable students to dictate words, phrases, sentences, and paragraphs to create documents using their voice.
CIS9987	Installing, configuring computer workstations and supporting users in a business environment.
CIS9988	Successful completion of this course will enable students to use Dreamweaver to create and manage a Web site that works well with multiple browsers, platforms, monitor sizes, and bandwidths.
CIS9989	Successful completion of this course will enable students to use Frontpage to create and manage a Web site that works well with multiple browsers, platforms, monitor sizes, and bandwidths

CIS9995	Successful completion of this course will enable students to use spreadsheet software at a basic-level including: entering text and numbers into a given spreadsheet cell; creating spreadsheet formulas combining the appropriate mathematical formulas and/or built-in functions and the appropriate cell references; applying and removing simple cell formatting - e.g. number styles, character formatting styles -; and producing a hard copy of a spreadsheet
CIS9996	At the completion of this course, a student will be able to implement information protection using anti-virus and/or firewall software.
CIS9997	At the completion of this course, a student will be able to define the basic components of a network.
CIS9998	At the completion of this course, a student will be able to create a basic webpage containing hypertext, links and graphic images.
CIS9999	At the completion of this course, a student will be able to create JavaScript behaviors and functions to create dynamics effects that respond to user actions.
CNT50	Installing Desktop Operating Systems.
CNT51A	Computer Repair, with emphasis on hardware
CNT51B	A+ CompTIA Elective
CNT52	Set up a home or business network.
CNT55	Installing, configuring and running Microsoft Windows Server.
CNT56	CNT56 Install and configure a DHCP, DNS, WINS and Web server. Applying network security protocols, Public Key Infrastructure - PKI -, Internet Protocol Security - IPsec -, and remote access.
CNT62A	Successful completion of this course will enable students to recognize and correct configuration problems.
CNT62B	Successful completion of this course will enable students to recognize and correct configuration problems.
CNT9906	MCDST Cert. Prep. Supporting Users in a Microsoft Windows XP Environment.
CNT9909	Securing and Hardening Microsoft Windows Computer.
CNT9913	Install, configure and run a Microsoft Small Business Server
CS1	Demonstrate understanding of fundamental syntax and control structures - including variables, arithmetic statements, loops and functions - by proficient interpretation and creation of C++ code.
CS2	Demonstrate intermediate programming skill and understanding of fundamental object-oriented programming concepts by altering and creating C++ programs involving abstract data types - classes -, encapsulation and inheritance.
CS7	Demonstrate basic understanding of common programming concepts by successfully constructing a small program using variables, conditions and loops.
ECD1503	Utilize current curriculum and program information for ECD.
ECD50	Articulate developmentally appropriate practices/best practices and components of quality care for populations of children from diverse cultures, ethnicity's, linguistic backgrounds, genders, and ability levels, in the development of curricula for early childhood programs.
ECD50	Examine a variety of guidance and interaction strategies to increase children's social competence and promote a caring classroom community.
ECD51	Differentiate characteristics of typical and atypical development in the areas of physical, psychosocial, cognitive and language development at the various stages.

ECD51	Compare and contrast various theoretical frameworks that relate to the study of human development.
ECD53	Articulate regulations, standards, policies and procedures related to health, safety and nutrition in support of young children, teachers and families.
ECD60	Explain the terminology, systems, laws and services that addresses children with exceptionalities and recommend supports for the child and their family.
ECD62	Apply understanding of the foundational role of primary relationships and cultural differences in childrearing practices to create a culturally and linguistically appropriate learning environment.
ECD62	Analyze one's own values, goals, sense of self as related to family history and life experiences, assessing how this impacts relationships with children and families.
ECD62	Recognize the influence of cultural perspectives on human thought and behavior
ECD63	Apply understanding of children's learning and development, and knowledge of key content areas of academic subject matter through documenting and evaluating the foundational curriculum; such as literacy, mathematics, science, etc.
ECD63	Design and implement developmentally appropriate inclusive curriculum based on observation and assessment of young children to support play and learning in all developmental domains.
ECD64	Students will select play materials and create environments that demonstrate their understanding of developmentally appropriate practices.
ECD67	Articulate responsive, reciprocal and respectful caregiving.
ECD69	Describe and evaluate the characteristics, strengths, and limitations of common assessment tools with all children's developmental, cultural, and linguistic characteristics.
ECD79	Evaluate the impact of personal experiences and social identity on teaching effectiveness.
ECD90	Critically assess one's own teaching experiences to guide and guide practice.
ECD95	Students will demonstrate developmentally appropriate practices in their work with young children.
ECD95	Complete and implement objectives that improves the child learning environment.
ECD96	Utilize the code of ethics in making appropriate decisions for the children and families.
ECOL10	Students will define and describe Global Warming, and identify ways that people can reduce their Carbon Footprint.
ECON1	Successful completion of this course will enable students to explain to a non-economist the meaning of the following fundamental microeconomic concepts: scarcity, opportunity cost, market, market failure, and perfect competition.
ECON2	Successful completion of this course will enable students to explain to a non-economist the meaning of the following fundamental macroeconomic concepts: market economy, economic growth, inflation, money supply, and business cycle.
ELEC1511	Identify human relations skills and technical skills related to job applications.
ELEC1512	Demonstrate and practice workplace functions in business and/or technical applications.
ELEC85.1	Successful completion of this course will enable students to measure electrical quantities, including voltage, resistance and current.

ELEC85.2	Successful completion of this course will enable students to use testing equipment to measure inductance, capacitance and impedance in AC circuits; and explain related concepts.
ELEC85.3	Alternating Current 2 Fundamentals
ELEC85.4	Calculate voltages and current in diodes, diodes. rectifiers, zener diodes, regulators and transistors.
ELEC85.5	ELEC85.5 Predict outputs off digital logic gates and flipflops using given configurations.
ELEC85.5	85.7 Digital Circuits 2 Measure and troubleshoot decoders, encoders, multiplexers, parity generator/ checker, and MSI - Medium Scale Integration - circuits.
ELEC85.6	ELEC85.6 Demonstrate logic gates. Explain AND, OR, NAND gates and flip-fop circuits.
ELEC85.7	ELEC85.7 Compute logic outputs based on given inputs.
ELEC86.1	ELEC 86.1 Operational Amplifier Fundamentals
ELEC86.2	Elec 86.2 Operational Amplifier Applications, such as filters and integrators. Demonstrating understanding of the above with lab and test.
ELEC86.3	ELEC86.3 - Computer instruction on power supply regulators and IC regulators.
ELEC87.1	Demonstrate ability to compute current and voltage values in network.
ELEC87.2	ELEC 87.2 Transistor Amplifier Circuits - common base, common emitter, common collector, RC coupled, transformer coupled, and direct coupled transistor amplifiers.
ELEC87.3	ELEC 87.2 Transistor Amplifier Circuits - Measure and test on common base, common emitter, common collector, RC coupled, transformer coupled, and direct coupled transistor amplifiers.
ELEC87.4	ELEC 87.4 Transistor Feedback Amplifiers - Labs and test on transistor feedback amplifiers.
ELEC87.5	ELEC87.5 Demonstrate understanding, compute electrical values of JFET and MOSFET components.
ELEC87.6	ELEC 87.6 Thyristor and Phase
ELEC87.7	Programming processor by using the manufacturer's instruction set.
Eng 32	Student Learning Outcomes for English 32 The student should be able to describe the writing of women authors in relation to and as expressions of cultural and historical influences; read actively and write critically about women?s literature, providing extensive textual evidence; synthesize information from primary and secondary researched sources, as well as personal experience, to deepen and broaden interpretation of women?s literature.
ENG100A	Describe a text's main and supporting ideas.
ENG100A	Write a unified, multi-paragraph expository essay.
ENG100A	Write in clear and grammatical sentences
ENG100B	The student will write an essay responding to a reading that *Demonstrates general comprehension of the reading and mostly correct citation; *Contains a fairly clear thesis statement based on a relevant, personal position; *Generally maintains focus and uses supporting examples from the reading and personal experience; *Contains mostly logical paragraphs but may lack transitions; *Contains mainly correct sentence structure and appropriate word choice.

ENG104	The student will write an essay responding to a reading that *Demonstrates general comprehension of the reading and mostly correct citation; *Contains a fairly clear thesis statement based on a relevant, personal position; *Generally maintains focus and uses supporting examples from the reading and personal experience; *Contains mostly logical paragraphs but may lack transitions; *Contains mainly correct sentence structure and appropriate word choice.
ENG11	Write poems in traditional and modern forms, applying techniques including image, metaphor, sound and symbolism to develop ideas and create meaning.
ENG11	Write a short story, 7-15 pages that uses dialogue, characterization, point-of-view, plot, description, style, tone and voice to create resonance and meaning.
ENG12	Identify source material for and complete two short stories or novel excerpts of 8 to 20 pages in length and revise these pieces based on useful criticism from the instructor and/or the class, resulting in work that demonstrates an understanding of the elements of fiction
ENG12	Identify the elements of fiction within published and student fiction and critique the strength of the elements toward creating a unified and meaningful story.
ENG13	Analyze and criticize the effectiveness of poetic elements in a variety of works read in class.
ENG13	Compose original works that demonstrate ability to use poetic elements in original and effective ways, avoiding cliches.
ENG13	Assess effectiveness and originality of poetic elements in classmates' work during workshops
ENG13	Describe and identify poetic elements such as imagery, metaphor, rhyme schemes, and rhythm
ENG1502	Participate actively and considerably in class discussion of a text
ENG1502	Write a unified, multi-paragraph expository essay.
ENG1502	Write in clear and grammatical sentences.
ENG19	Students will create a literary anthology, following a timeline for production, creating submission guidelines, soliciting submissions, assessing and selecting submissions, editing and formatting anthology content and organizing an awards ceremony for contributors and contest winners.
ENG1A	Write multiple-paragraph papers that accurately and appropriately respond to a given assignment;develop a relevant, focused thesis;are well-organized and coherently move from coordinating to subordinating points;are well-developed with sufficient and relevant evidence;synthesize facts and ideas originating outside your direct experience to develop and support your thesis;demonstrate stylistic choices in tone, syntax and diction;use standard American English correctly.
ENG1A	Critically read texts and materials from a variety of academic and cultural contexts, demonstrating in writing and discussion the ability to summarize a thesis and main points; analyze main ideas; evaluate the validity and logic of the text's reasoning and support; relate ideas and information in the text to your experience as well as other texts; create a coherent position or argument of your own based on your reading.

ENG1A	Research a specific topic using the Internet, databases, journals, and books demonstrating an ability to: review sources for relevant evidence and arguments; integrate researched material into your own writing with appropriate context, explanation, punctuation and citation; and document sources in an academically responsible way.
ENG20	Using the Internet, databases, journals, and books, students will research primary sources, critical analyses, play productions, as well as historical and biographical information concerning Elizabethan theatre and Shakespeare's life and times.
ENG20	Students will be able to identify, analyze, and interpret prose, blank verse, rhymed verse, figurative language, and text-specific vocabulary from Shakespeare's plays and sonnets.
ENG20	Students will analyze and synthesize primary sources, critical analyses, play productions, historical and biographical information concerning Elizabethan theater and Shakespeare's life and times to develop and support a position or argument of their own concerning Shakespeare's plays and sonnets.
ENG29	Students will work independently to acquire new knowledge outside of the scope of regular mass communications offerings.
ENG3	Develop sophisticated thesis and support it using the interpretation of evidence from literary text
ENG4	Research: Student creates a research paper which exhibits mastery of the following elements of research: the ability to formulate a research question, integrate appropriate source materials into the student's argument, and to correctly utilize MLA documentation within the body of the paper and in a Works Cited page.
ENG4	Reading: Student demonstrates, through class discussion, written response, or formal essay, understanding of genre and the ability to analyze and evaluate those texts, taking into account the conventions of the genre.
ENG44	Appreciate how individuals from different racial groupings, and different classes and genders within those groupings, contributed to the fabric of American Western culture through their individual action and interaction.
ENG44	Describe literary aspects of American Western narrative, including narrative style, character, dialogue, figurative language, and the use of landscape, among others.
ENG44	Demonstrate ability to review extra-literary presentations of the American West and relate such "narratives" of the American West to literary/fictional themes.
ENG44	Demonstrate ability to select a passage or theme from a literary text and develop a sophisticated response to it that is unified, adequately supported, and synthesized.
ENG45	Students should be able to bring various critical approaches to bear on the interpretation of fiction.
ENG45	Demonstrate ability to create a coherent ten-minute presentation, using audio visual tools and connecting materials to the writers and text.
ENG45	Students should be able to demonstrate familiarity with the structure of the works studied and discuss the works using appropriate literary terms such as metaphor, plot, point of view, and character development.

ENG7	Reading: Through class discussion, written response, or formal essay, students analyze and evaluate readings from academic cultural, and/or disciplinary contexts.
ENG7	Research: Student creates a research paper which exhibits mastery of the following elements of research: the ability to formulate a research question, integrate appropriate source materials into the student's argument, and to correctly utilize documentation - MLA or another system within the body of the paper and in a bibliography or Works Cited page.
ENGR10	Solve engineering problems using the engineering design process.
ENGR10	Identify and differentiate between the different engineering branches, based on worded-descriptions of each branch.
ENGR22	Describe height, width, and depth of objects, relating to similar common shapes
ENGR22	Use technical terms to describe rounded ends of objects, drilled holes of flange, and boss around center hub.
ENGR22	Apply dimensions to describe relative size of features and hole placement.
ENGR22	Differentiate between front and top views, visible and hidden surfaces / features.
ENGR22	Explain how the "form" of the bearing block dictates its "function."
ENGR35	Develop analysis methods to examine force systems acting on engineering structures in static equilibrium.
ENGR35	Evaluate the constraining reactions needed to maintain static equilibrium on two- and three-dimensional rigid bodies acted on by force systems.
ENGR35	Analyze the internal distribution of bending moment and shear forces on beams, ultimately needed to select the proper size of the members of the structure.
ENGR44	Students will analyze and demonstrate understanding of the electrical behavior of first and second order DC circuits, using various circuit analysis techniques.
ENGR44	Utilize circuit simulation software to analyze electrical circuits.
ENGR44	While working in groups, utilize electronic equipment to physically measure and analyze electrical circuits.
ENGR46	Identify the five different classifications for Engineering Materials.
ENGR46	Demonstrate the ability to operate materials testing equipment to generate the necessary data to formulate the properties of material tested.
ENGR46	Recommend appropriate material- s - to meet engineering design criteria based on the materials' properties and performance.
ESL120A	Upon completion of this course students should be able to distinguish the subject, verb, and object in dependent and independent clauses.
ESL120A	Upon completion of this course students should know the verb forms - base form, past form, past participle, and present participle - for the verbs on the 0-1000 word list and select verbs from the 1000-2000 word list.
ESL120A	Upon completion of this course students should be able to select and use the correct verb tense - simple present and past, present and past progressive, present perfect, and present perfect-progressive - for verbs on the list of the most common 0-1000 verbs and select verbs from the 1000-1000 word list.
ESL120A	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in dependent and independent clauses
ESL120B	upon completion of this course students should be able to distinguish subject, verb, and object in dependent and independent clauses.

ESL120B	Upon completion of this course students should know the verbs forms - base, past, past participle, and present participle - for the verbs on the list of most common 0-2000.
ESL120B	Upon completion of this course students should be able to select and use the correct verb tense - simple, progressive, perfect, and perfect progressive: present, past, future - for verbs on the list of the most common 0-2000 words.
ESL120B	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in dependent and independent clauses.
ESL121A	Students will produce an essay of three or more paragraphs that demonstrates appropriate and coherent writing.
ESL121B	Students will produce an essay of four or more paragraphs that demonstrates appropriate and coherent writing with the following traits: organization, development, and language use.
ESL123	Upon completion of this course, students will be able to comprehend a short lecture on an academic topic.
ESL123	Upon completion of this course, students will be able to research and make a five-minute presentation on a new topic.
ESL123	Upon completion of this course, students will be able to demonstrate knowledge of academic vocabulary and expressions.
ESL123	Upon completion of this course, students will be able to take dictation of sentences and questions.
ESL123	Upon completion of this course, students will be able to use the International Phonetic Alphabet - IPA - symbols to pronounce new words.
ESL123	Upon completion of this course, students will be able to know the IPA symbols to identify the vowel sounds in English.
ESL126	Upon successful completion of this course, students will be able to take dictation of compound and complex sentences and questions with learned academic vocabulary.
ESL126	Upon successful completion of this course, students will be able to apply grammar and pronunciation rules to produce correct simple, compound, and learned complex sentences with stress on content words rather than function words.
ESL126	Upon successful completion of this course, students will be able to pronounce learned vocabulary and idiomatic expressions understandably.
ESL126	Upon successful completion of this course, students will be able to give oral directions and instructions.
ESL130A	Upon completion of this course the student should be able to distinguish subject, verb, and object in simple and compound sentences.
ESL130A	Upon completion of this course students should know the verb forms - base form, past form, past participle, and present participle - for the verbs on the list of most common 0-500 words.
ESL130A	Upon completion of this course students should be able to select and use the correct verb tense - simple present, simple past, present progressive - for the verbs on the list of the most common 0-500 word list.
ESL130A	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in given sentences.

ESL130B	Upon completion of this course, the student should be able to distinguish subject, verb, and object in simple and compound sentences.
ESL130B	Upon completion of this course students should know the verb forms - base form, past form, past participle, and present participle - for the verbs on the list of most common 0-1000 words.
ESL130B	Upon completion of the course students should be able to select and use the correct verb tense - simple present, simple past, present progressive - for the verbs on the list of the most common 0-1000 words.
ESL130B	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in given sentences.
ESL131A	Students will be able produce paragraphs of 8 -12 sentences that demonstrate appropriate and coherent writing with the following traits:
ESL131B	Students will be able produce paragraphs of 11-15 sentences that demonstrate appropriate and coherent writing with the following traits:organization, development, and language use.
ESL133	Upon completion of this course, students will be able to research and make a five-minute presentation on a new topic.
ESL133	Upon completion of this course, students will be able to comprehend a short lecture on an academic topic.
ESL133	Upon completion of this course, students will be able to demonstrate knowledge of academic vocabulary and expressions.
ESL133	Upon completion of this course, students will be able to take dictation of sentences and questions.
ESL133	Upon completion of this course, students will be able to use the International Phonetic Alphabet - IPA - symbols to pronounce new words.
ESL133	By the end of this course, students will be able to distinguish sounds and words that they hear.
ESL23	Upon completion of this course students should be able to distinguish the subject, verb and object in each dependent and independent clause in a given sentence compound-complex sentences.
ESL23	Upon completion of this course students should know the verb forms - base, past, past participle, present participle - of the verbs on the list of most common 0-2000 words as well as select verbs on the academic word list.
ESL23	Upon completion of this course students should be able to select and use the correct verb tense - simple, progressive, perfect, perfect-progressive: present, past, future - for the verbs on the list of most common 0-2000 words as well as select verbs from the academic word list.
ESL23	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in given dependent and independent clauses.
ESL24	Students will produce an essay of five to six paragraphs with a minimum of 500 words. The essay will demonstrate clear organization, logical development, and correct language use.
ESL25	Students who successfully complete ESL 25 should be able to write an essay of five to seven paragraphs that demonstrates clear organization, logical development, and correct language use with the following traits.

ESL26	Upon completion of this course students should be able to distinguish the subject, verb, and object in each clause in compound, complex, compound-complex sentence and identify errors.
ESL26	Upon completion of this course students should know the verb forms - base, past, past participle, present participle - for the verbs on the list of most common 0-2000 words as well as select words from the academic word list and identify errors.
ESL26	Upon completion of this course students should be able to select, use, and explain the correct verb tense - simple, progressive, perfect, and perfect progressive: present, past, and future - for the verbs on the list of most common 0-2000 word list as well as select verbs from the academic word list.
ESL26	Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in all clauses in simple, compound, complex, and compound-complex sentences and identify errors.
ESL29	Upon successful completion of this Independent Study, student will show sufficient mastery of equivalent course content through homework, projects, quizzes, and exams.
FREN2B	By mid-semester students will deliver an 8-10 minute oral presentation in French accompanied by visual aids.
FST50	Correctly identify the 9 different fire service agency organizations and accurately describe the scope of service of each one
FST51	Correctly identify the 9 different fire service agency organizations and accurately describe the scope of service of each one
FST52	Accurately describe the complete process of fire development from its initial start to its eventual end by fuel depletion
FST53	Accurately describe the complete process of fire development from its initial start to its eventual end by fuel depletion
FST54	Accurately describe the complete process of fire development from its initial start to its eventual end by fuel depletion
FST55	Describe the different methods of suppression agent delivery systems to suppress and /or extinguish in portable applications.
FST56	Accurately describe the complete process of fire development from its initial start to its eventual end by fuel depletion
FST74A	Identify and accurately describe the conditions that define a fire of an incendiary nature
GEOG1	With the use of a quiz, students will increase their knowledge of how to read latitude and longitude lines by a 50 percent increase in scores from the pre to the post test.
GEOG1	Successful completion of Geography 1 will allow students to identify the difference between climate and weather.
GEOG1	Students will be able to define 5 different clouds by seeing a photograph or slide of a particular cloud.
GEOG12	Students will be able to identify different California cities, rivers, landforms on a blank map.
GEOG15	Successful completion of Geog 15 will allow the student to produce a printed map which demonstrates the basic concepts of cartographic design.
GEOG1L	General terminology

GEOG2	Mastery of the Demographic Transition Model
GEOG5	Be able to locate and label on a map the different countries of the world as discussed in class
GEOL1	To demonstrate a basic knowledge and understanding of both the geographic setting, the oceanic physiography and the plate tectonic geology of the deepest portion of the world's oceans, the Marianas Trench.
GEOL1	To demonstrate a basic knowledge and understanding of the three basic geologic groups and how they relate to one another.
GEOL1	To demonstrate a basic knowledge and understanding of the fundamentals of the major plate tectonic environments.
GEOL12	To demonstrate a basic knowledge and understanding of the fundamental physical and chemical properties of seawater - under outcomes K and M of the official course outline of record Spring 2009.
GEOL12	To demonstrate a basic knowledge and understanding of both the geographic setting, the oceanic physiography and the plate tectonic geology of the deepest portion of the world's oceans, the Marianas Trench.
GEOL12	To demonstrate a basic understanding of the geology of the fundamental types of Plate Tectonic environments.
GEOL12L	To solve oceanographic problems: Demonstrate and apply a basic knowledge and understanding of the oceanographic units and unit conversion.
GEOL12L	A basic understanding of Latitude and Longitude
GEOL12L	To solve oceanographic problems: Demonstrate and apply a basic knowledge and understanding of the oceanographic tool 'Latitude and Longitude'.
GEOL1L	To demonstrate a fundamental knowledge of the basic tools used to identify minerals.
GEOL1L	To solve petrologic problems: Demonstrate and apply a basic knowledge of the petrologic tool 'Moh's Hardness Scale', in order to assist with the proper systematic and scientific identification.
GEOL3	To demonstrate a basic knowledge and understanding of the current correlation between the absolute and relative ages of the Geologic Time Scale.
GEOL3L	To solve paleontologic problems; Demonstrate and apply a basic knowledge of the principles of radiometric dating in order to determine geologic ages.
GEOL9	Student recognition and identification of hillside creep.
GEOL9	Demonstrated student comprehension of types of mass wasting
GNST21	Students should be able to successfully work in a team.
GNST25	Associated Students of Las Positas College will demonstrate the ability to effectively conduct and participate in productive meetings, and will exhibit the ability to engage in meaningful debate and discussion.
GNST9	Description and analysis of the student's journey as a scholar.
HIST1	Upon successful completion of this course, a student should be able to use historical sources and critical reasoning to explain/resolve historical problems.
HIST14	Locate, interpret, and analyze various types of historical sources.
HIST2	Locate, interpret and analyze various types of historical sources.
HIST25	Successful completion of this course will enable students to infer kinship rules for Plains Indian societies.
HIST28	Successful completion of this course will enable students to assess the impact of Western expansion on the history of the nation.

HIST32	Locate, interpret, and analyze various types of historical sources
HIST7	Locate, interpret, and analyze various types of historical sources
HIST8	Locate, interpret, and analyze various types of historical sources
HLTH1	Successful completion of HLTH 1 will enable a student to evaluate the credibility of health information.
HLTH1	Successful completion of HLTH 1 will enable a student to apply scientific research to his or her individual behavior change process.
HLTH1	Demonstrate a positive increase in attitude towards personal health self-responsibility.
HLTH1	Demonstrate a positive increase in attitude towards personal health self-responsibility
HLTH1	Demonstrate ability of utilizing MyPyramid.gov Food Tracker database to conduct simple nutrient analysis of two day food record
HLTH3	Demonstrate ability to evaluate health-related messages about women in popular media sources
HLTH3	Demonstrate ability to integrate scientific research into her or his behavior change process
HLTH3	Demonstrate ability to locate credible health information
HLTH3	Demonstrate ability to identify and discuss sexual rights issues as related to sexual health and responsible sexual behavior
HORT50	Student should demonstrate a clear understanding of the photosynthetic process
HUMN1	use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.
HUMN10	use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.
HUMN28	Students will be able to analyze classical texts.
HUMN29	Student fulfilled honors contract
HUMN3	use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.
HUMN44	Students will be able to analyze film techniques.
HUMN7	Students will be able to synthesize the main concepts of contemporary humanities.
INTD50	Ability to work with clients to respond to their individual needs and requests
INTD50	Understand the principles relating to design, spaces, and materials
INTD50	Present accurately drawn floor plans and elevations with space planning criteria
INTD51	Demonstrate ability to measure, calculate and draw a room using standard drafting procedures
INTD51	Ability to design a layout - drawing a floorplan based on conceptual bubble diagrams
INTD51	Render drawings calculating scale sizes of an elevation
INTD52	Recognize styles and major architectural influences
INTD52	Identify interiors and furnishings by period and style
INTD52	Explain the contribution and value of past periods to current design practice
INTD54	Demonstrate confidence in application of colors, patterns, and textures
INTD54	Gather information on materials and present a board of wood species and stain colors
INTD54	Demonstrate presentation skills with a color board pertaining to a client profile

INTD55	To be aware of the variety of textiles available to clients
INTD55	To be knowledgeable about wear and use of textiles in order to advise clients appropriately
INTD55	To be able to advise clients about color and texture of textile materials so they will be compatible with other fabrics/materials throughout the design
INTD56	Demonstrate knowledge of methods of compensation, marketing, public relations, and advertising
INTD56	Demonstrate state and local requirements for interior design
INTD56	create a strategic plan for operating a business
INTD58	Demonstrate knowledge of the different categories of lighting: ambient, task, decorative, direct, indirect.
INTD58	Evaluate existing residential and commercial lighting installations
INTD58	Be able to select appropriate lighting sources for specific uses
INTD60	Demonstrate presentation skills with a color board showing materials and citing resources for the "perfect" home
INTD60	Understand the nature of the materials used in home furnishings and overall home fashion
INTD60	Analyze current uses of materials and learn about resources in home application
INTD61	Demonstrate the technical ability to create, design, illustrate and produce visual documents ranging from preliminary schematic designs, design concepts, presentation drawings, and working drawings of industry standards with an accepted computer software program through a collaborative process with their own clients and/or Architectural/Interior Design Firm's office standards.
INTD61	Equip students with the knowledge and confidence that they can apply what they have learned from this course to new and updated software programs in future.
INTD62	To be fully aware of the specific and unique challenges of kitchen and bath design
INTD62	To be aware of the various mechanical/technical infrastructure required of kitchen and bath design
INTD62	To be fluent with the variety of finishing materials available in kitchen and bath designs
INTN1	Identify workplace competencies and the ability to transfer concepts from academic coursework to workplace standards.
INTN2	Demonstrate technical and workplace competency.
LIBR4	Students will develop and refine search strategies to locate eight appropriate information sources using the library catalog for an approved topic.
LIBR4	Students will create MLA and APA bibliographies from the appropriate information sources.
LIBR4902	Students will develop and refine search strategies to locate eight appropriate information sources using the library catalog for an approved topic.
LIBR4902	Students will create MLA and APA bibliographies from the appropriate information sources.
LIBR4903	Students will develop and refine search strategies to locate eight appropriate information sources using the Academic Search Premier and America's Newspapers for an approved topic.

LIBR4904	Students will develop and refine search strategies to locate eight appropriate information sources using the Academic Search Premier and America's Newspapers for an approved topic.
LIBR5	Students will develop and refine search strategies to locate eight appropriate information sources using Academic Search Premier and America's Newspapers for an approved topic.
LIBR5	Students will create MLA and APA bibliographies from the appropriate information sources.
LIBR6	Students will develop and refine search strategies to locate eight appropriate information sources using special research databases for an approved topic.
LIBR6	Students will create MLA and APA bibliographies from the appropriate information sources.
LIBR7	Students will develop and refine search strategies to locate eight appropriate information sources using the Internet for an approved topic.
LIBR7	Students will create MLA and APA bibliographies from the appropriate information sources.
LIBR8	Students will develop and refine search strategies to locate appropriate information sources using books; newspaper, magazine and journal databases; special research databases; and websites for an approved topic.
LIBR8	Students will create MLA and APA bibliographies from the appropriate information sources.
LRNS116	Advocate for him/herself with instructors and college personnel regarding needed accommodations and learning considerations
LRNS117	To utilize context clues, word roots, prefixes/suffixes, and other strategies to decode new words
LRNS118	Identify grammatical parts of sentence and describe their role in the sentence
LRNS119	Demonstrate understanding of number sense
LRNS4950	Students will be able to identify key differences between College and High School
LRNS4950	Student will demonstrate the ability to find, log-in and use Class-web
LRNS4950	Student will successfully register between May 10 & 15, 2008
LRNS4950	Student will be able to identify general education requirements
MATH107	Upon successful completion of Math 107, a student should be able to perform order of operations to simplify expressions involving signed integers.
MATH107	Upon successful completion of Math 107, a student should be able to set up and solve applications involving ratios, rates and proportions.
MATH107X	Upon successful completion of Math 107X, a student should be able to perform order of operations to simplify expressions involving signed integers.
MATH107Y	Upon successful completion of Math 107Y, a student should be able to set up and solve applications involving ratios, rates and proportions.
MATH2	Upon successful completion of Math 2, a student should be able to demonstrate the ability to integrate a function.
MATH20	Upon successful completion of Math 20, a student should be able to demonstrate the ability to graph a rational function without a graphing utility.
MATH33	Upon successful completion of Math 33, a student should be able to demonstrate the ability to solve an applied problem using technology.

MATH38	Upon successful completion of Math 38, a student should be able to demonstrate the ability to transform trigonometric expressions using basic trigonometric identities.
MATH41	Upon successful completion of Math 41, a student should be able to demonstrate the ability to determine the probability of an event using the Student t distribution.
MATH42A	Upon successful completion of Math 42A, a student should be able to demonstrate the ability to determine the probability of an event using the Student t distribution.
MATH44	Upon successful completion of Math 44, a student should be able to demonstrate the ability to determine the probability of an event using the Student t distribution.
MATH45	Upon successful completion of Math 45, a student should be able to demonstrate the ability to find all roots of a polynomial function.
MATH45	Upon successful completion of Math 45, a student should be able to demonstrate the ability to use technology to sketch the graph of a given function.
MATH5	Upon successful completion of Math 5, a student should be able to solve a differential equation, or a system of differential equations, numerically using MATLAB.
MATH55	Upon successful completion of Math 55, a student should be able to demonstrate the ability to solve an applied problem involving a quadratic function.
MATH55B	Upon successful completion of Math 55B, a student should be able to demonstrate the ability to solve an applied problem involving a quadratic function.
MATH55X	Students will read, write, listen to, and speak mathematics with understanding.
MATH55X	Students will demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.
MATH55X	Students will use mathematical reasoning to solve problems and a generalized problem solving process to work word problems.
MATH55Y	Students will read, write, listen to, and speak mathematics with understanding.
MATH55Y	Students will demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.
MATH55Y	Students will use mathematical reasoning to solve problems and a generalized problem solving process to work word problems.
MATH65	Upon successful completion of Math 65, a student should be able to demonstrate the ability to interpret slope in the context of a problem.
MATH65	Upon successful completion of Math 65, a student should be able to demonstrate the ability to graph the solution set of a given linear equation in two variables using the rectangular coordinate system.
MATH65	Upon successful completion of Math 65, a student should be able to demonstrate the ability to solve a polynomial equation using factoring techniques.
MATH65A	Students will read, write, listen to, and speak mathematics with understanding.
MATH65A	Students will demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.
MATH65A	Students will use mathematical reasoning to solve problems and a generalized problem solving process to work word problems.

MATH65B	Upon successful completion of Math 65B, a student should be able to demonstrate the ability to interpret slope in the context of a problem.
MATH65B	Upon successful completion of Math 65B, a student should be able to demonstrate the ability to solve a polynomial equation using factoring techniques.
MATH65B	Upon successful completion of Math 65B, a student should be able to demonstrate the ability to graph the solution set of a given linear equation in two variables using the rectangular coordinate system.
MATH65X	Students will read, write, listen to, and speak mathematics with understanding.
MATH65X	Students will demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.
MATH65X	Students will use mathematical reasoning to solve problems and a generalized problem solving process to work word problems.
MATH7	Students can construct a system of linear equations to model the solution of an applied problem
MATH7	Upon successful completion of Math 7, a student should be able to demonstrate the ability to use MATLAB to solve a least squares problem.
MICR1	Students will be able to properly manipulate a compound microscope to study microorganisms using the oil immersion objective and demonstrate knowledge of its parts and uses.
MICR1	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
MKTG50	Successful completion of this course will enable students to explain the marketing concept and how it applies in both for-profit and nonprofit organizations.
MKTG50	List and describe the four Ps of marketing.
MKTG50	Identify the four steps in the market research process.
MKTG50	Evaluate consumer behavior in the consumer decision making process.
MKTG56	Evaluate the impact of global competition on local retail endeavors.
MKTG56	Assess the factors involved in visual merchandising.
MKTG56	Discuss the principles of consumer behavior related to Internet retailing.
MKTG56	Compare and contrast retail promotional strategies.
MKTG60	List the tasks involved in site selection.
MKTG60	Analyze the fundamentals of customer service.
MKTG60	Compare and contrast the primary pricing strategies.
MKTG60	Describe the principles of merchandise assortments.
MKTG61	Describe the functions performed by sales people in our economic system.
MKTG61	Identify the consumer's reasoning process when making a buying decision.
MKTG61	Discuss the ethics of selling.
MKTG61	Analyze the techniques of persuasion.
MKTG64	Identify the procedures for developing an advertising campaign.
MKTG64	Analyze appropriate media for various target markets.
MKTG64	Discuss the strengths of a media plan.
MKTG64	Compare and contrast the different types of advertising.

MSCM1	Student will research and write a news story demonstrating skills in writing a lead, integrating quotations, showing balance, using proper mechanics and style, and conforming to industry standards of law, ethics, and taste.
MSCM14	Student will contribute to the production of the college newspaper, the Express, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper style.
MSCM15	Student will contribute to the production of the college newspaper, the Express, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper style.
MSCM15L	Student will contribute to the production of the college newspaper, the Express, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper style.
MSCM16	Redesign the Express, demonstrating increasing understanding of use of headlines and text, architecture and design, content and organization, and elements that serve to establish a house style.
MSCM29	Students will work independently and in consultation with the instructor to acquire new knowledge outside of the scope of regular mass communications offerings with an increased degree of proficiency.
MSCM31	Students will be able to analyze the differences between Web 2.0 technologies and traditional forms of mass communication, such as radio, television, and film.
MSCM31	Student will be able to critically analyze the negative and positive impacts of technology on society.
MSCM32	Produce a promotional spot segment in studio.
MSCM32	Produce an interview-story segment in studio.
MSCM34	Student will contribute to the student magazine, Naked, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper magazine style.
MSCM35	Students will be able to produce video that presents local news in a professional manner.
MSCM5	Provide a comparative analysis of how different media outlets cover a single new story.
MSCM9	Student will contribute to a student publication, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper style.
MUS12	Demonstrate an adherence to recognized standards of professionalism in a rehearsal setting
MUS14	Demonstrate an adherence to recognize standards of professionalism in a rehearsal setting.
MUS15	Demonstrate an adherence to recognize standards of professionalism in a rehearsal setting.
MUS16	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS21A	Perform simple pieces with correct notes, rhythm, fingering, hand position, at a reasonable tempo, and with expression indications observed.
MUS21B	Perform early intermediate pieces with correct notes, rhythm, fingering, hand position, at a reasonable tempo, and with expression indications observed.
MUS25	Students who successfully complete MUS 25 should be able to present new pieces to their students by explaining the form, compositional technique, style and mood of the piece, as well as the intent of the composer.
MUS29	Complete an independent project in music.
MUS31	Perform intermediate pieces with correct notes, rhythm, fingering, hand position, at a reasonable tempo, and with expression indications observed.
MUS38	The student took the required number of lessons, did the required practice and fulfilled the performance requirements. The performance was well prepared - good or excellent technique, correct notes and rhythms, style and tempo appropriate to the piece -, and literature was at an appropriate level for the student. If this is a repeat of the course, improvement would be noted from previous semesters.
MUS39	Sing a solo from a recommended musical theater repertoire with correct voice production, rhythm, pitches and expressive elements as required for the scene.
MUS4	Analyze particular musical works with regard to style, technical elements.
MUS40	Participate in a musical performance.
MUS44	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.
MUS45	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.
MUS46A	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.
MUS46B	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.
MUS47	Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.
MUS5	Analyze particular musical works with regard to style and technical elements.
MUS6	Students will develop a comprehension of music notation.
NUTR1	Analyze assigned nutrient intake compared to standard recommendations and make suggestions for improvement/maintenance of intake.
NUTR3	Demonstrate progress through the "Stages of Change" for a self identified target behavior.
OSH50	Implement an injury and illness prevention program similar to the models supplied by both Federal OSHA and Cal/OSHA and evaluate the program in terms of this model.
OSH60	Recognize workplace hazards which are of Industrial Hygiene interest in a variety of workplaces.
OSH62	Explain and illustrate methods of control of hazards with particular reference to regulatory standards.
OSH67	Students will explain the role of human factors in safety and accident prevention.
PE17	Goal- To be able to list the roles and responsibilities of an Athletic Trainer or A.T.C.

PE18	Goal- To be able to list the components in an ankle inversion prevention tape application.
PE1BKP	Successful completion will allow students to demonstrate advanced proficiency in skills including dribbling, passing and shooting.
PE1FI	Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge during a fencing bout.
PE1FL	Students will demonstrate their understanding on the responsibilities of being a team player, along with demonstration their skills in passing, receiving, long snapping, and deflaging.
PE1SB	By the end of the course, studens should be able to field, throw, catch, pitch, and hit a softball. Students should know the basic rules of softball and basic defensive and offensive strategies invovled in a game of coed softball.
PE1UF	By the end of the course, students will be able to throw a forehand and backhand pass, catch a disc, understand a basic offense and defense, along with understanding the basic rules of utlimate.
PE1VB	Students will demonstrate their ability to perform the following basic skills: underhand pass, overhand pass - set -, and serve. Students will demonstrate their understanding of the responsibilities to be a team player.
PE20	Students demonstrate knowledge of careers available to them with a physical education degree.
PE21	Students will analyze soccer films for individual performances.
PE2BK	Successful completion will allow students to demonstrate competency in basic skills including dribbling, passing and shooting.
PE2BL	Successful completion will allow students to demonstrate competency in basic skills including grip, delivery, and follow through of the approach. Students will understand how scoring is done in the sport of bowling.
PE2FL	Students will demonstrate their understanding on the responsibilities of being a team player, along with demonstration their skills in passing, receiving, long snapping, and deflaging.
PE2FNB	Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge.
PE2FNE	Successful completion of this course will enable students to demonstrate precise point control when moving
PE2GBW	SLO1 - Demonstrate improved fitness level
PE2GBW	SLO2 - Demonstrate knowledge of major muscle groups and be able to select appropriate exercises to work those muscles.
PE2SC	Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
PE2SI	Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
PE2TK	Students will demonstrate Tae Kwon Do skills including stances, kicking, punching, blocks, forms, controlled sparring, and fitness level.
PE2TS	At the end of this course students will be able to perform the basic skills required by two to four of the following selected sports: flag football, ultimate, softball, and/or soccer - see individual sport slo for more information. Students will understand the basic rules for participating in these selected sports.

PE2VB	Students will demonstrate their ability to perform the following basic skills: underhand pass, overhand pass - set -, and serve. Students will demonstrate their understanding of the responsibilities to be a team player.
PE31	Exhibit good sportsmanship during play.
PE36	Exhibit good sportsmanship during play.
PE36	Goal- The student shall run three miles continuously on either a track or a cross-country course.
PE38	Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
PE38	Exhibit good sportsmanship during play.
PE41	Exhibit good sportsmanship during play.
PE46	Exhibit good sportsmanship during play.
PE46	Goal- The student shall run three miles continuously on either a track or a cross-country course.
PE48	Exhibit good sportsmanship during play.
PEBD	The student shall name the lines on the court and give the dimensions of the court for badminton.
PEBK	Successful completion will allow students to demonstrate competency in basic skills including dribbling, passing and shooting.
PEFB	Successful completion of this course will enable students to demonstrate precise point control when moving.
PEFNB	Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge.
PEFNI	Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge during a fencing bout.
PEFW	Succession completion of this course will enable students to increase overall cardiovascular fitness levels through walking
PEGBW	Improve his/her fitness level.
PEGF	Students who successfully complete PEGF will be able to consistently execute an effective swing with correct form including stance, club swing, and follow-through.
PERC	Goal- The student will be able to execute a safety figure of eight knot and tie into the harness.
PESC	Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
PESI	Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
PESWB	Goal- The student shall be able to swim the crawl stroke - freestyle - 25 yards across the pool utilizing a side breathing technique.
PESWF	The student will swim 450 yards in 12 minutes.
PETK	Students will demonstrate Tae Kwon Do skills including stances, kicking, punching, blocks, forms, controlled sparring, and fitness level.
PEWTW	Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
PEYO	Successful completion of this course will enable students to reflect how yoga has affected their wellness and understanding of themselves.

PHIL1	use the philosophical methods discussed in class to explain, apply, and evaluate specific philosophical positions
PHIL2	Effectively apply diverse abstract ethical theories to evaluate contemporary moral challenges.
PHIL3	Specifically for evaluating the effectiveness with which a student is able to apply philosophical methods of artistic analysis learned in class to specific works of art while evaluating those philosophical methods as well.
PHIL4	use the philosophical methods discussed in class to explain, apply, and evaluate specific epistemic theories positions
PHIL5	use the philosophical methods discussed in class to explain, apply, and evaluate specific feminist theories
PHOT50	Demonstrate the three basic elements of photography awareness - framing, lighting, background - while shooting a single subject - i.e. person, bike, tree - from a variety of angles, formats - vertical, horizontal - and approaches - long, medium, close shot.
PHOT51	After choosing a subject of interest - either aesthetic or technical emphasis -, compile an eight print portfolio and submit at formal class critique.
PHOT56	Demonstrate the effective use of techniques used to control and enhance a given captured digital image, i.e. levels, contrast, hue/saturation.
PHOT60	Demonstrate three different ways of adding tone to a black and white image.
PHOT64A	Demonstrate understanding of the basic artificial lighting concepts for four shooting applications: portraits, table-top products, large still-lives and on location.
PHOT68	Make a slide presentation on an assigned thematic field shooting assignment, i.e. "urban cityscape".
PHOT72	Demonstrate typology as a method of photographic documentation
PHOT9	Demonstrate ability to appropriately use four of the five modes of Adobe Photoshop Lightroom, i.e. library, develop, slide show, print and/or web.
PHOT9954	Demonstrate uses of curves in Adobe Photoshop.
PHSI1	The student will be able to demonstrate in depth knowledge of blood pressure.
PHSI1	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
PHYS10	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
PHYS2A	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
PHYS2B	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
PHYS8A	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.

PHYS8B	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
PHYS8C	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
PHYS8D	Analyze physical situations quantitatively by selecting relevant equations and models, modifying them as appropriate, and using them correctly to solve problems.
POLI12	Students will demonstrate knowledge of the historical evolution of American Federalism: authority v. power, structure, evolution of relationships, creation, roles, and rise and fall of political institutions.
POLI20	Students will demonstrate the knowledge of historical evolution of institutions, processes, culture, socialization.
POLI25	Students will analyze political theorists approaches to concepts like social justice in relation to today's world.
POLI25	Students will demonstrate the knowledge of Political Theorist and theories, and concepts such as Justice, equity, Power.
POLI30	Students will demonstrate knowledge of historical evolution of the "polar" system in International Relations.
POLI7	Students will analyze the role of the mass public in the political process, including the nature and influence of public opinion, elections, and other forms of political participation.
POLI7	Students will demonstrate the historical evolution of American government and politics
PSCN10	Students will synthesize their strengths, interests, values and skills and analyze how they match potential chosen career occupations.
PSCN10	Students will synthesize their strengths, interests, values and skills and analyze how they match potential chosen career occupations.
PSCN10	Students will define their personal values, identify their strengths/skills and areas that they still need to develop, and set goals and strategies to reach them.
PSCN100	As the first step in transitioning to college for at-risk students, students will attend class.
PSCN11	Students will practice mindfulness techniques to achieve clarity in identifying components of client problems.
PSCN13	Successful completion of this course will enable students to execute a critical analysis of a contemporary issue in multicultural America.
PSCN13	Students will successfully work together on a group project.
PSCN15	Students will identify their preferred learning styles and explain how they can use this information to be effective learners in classroom settings.
PSCN15	Student will identify the neurological basis for information processing, learning, attention and memory and their connection to study and learning strategies
PSCN15	Students will identify time management techniques and explain how they can apply them in their own lives.
PSCN15	Students will identify at least two areas of personal growth that need attention
PSCN15	Students will describe how their organization and management of resources impact the achievement of stated goals.

PSCN15	Students will develop personal outcome for focal course
PSCN24	Students will demonstrate awareness of 5 campus resources.
PSCN28	Students will demonstrate awareness of five campus resources.
PSCN28	Set goals and develop a Student Educational Plan to reach their stated goals.
PSCN3	Successful completion of this course will enable students to execute a critical analysis of a theory used in the counseling profession.
PSCN40	Students will develop a specific financial goal and use course content to articulate steps toward that goal.
PSCN5	Students will evaluate personal motives, values and philosophy to work with diverse populations in fields of the helping professions.
PSCN5	Students will explain the practice of human services in terms of the helping process, professional and ethical concerns and working within a system.
PSCN5	Students will explain the practice of human services in terms of the helping process, professional and ethical concerns and working within a system.
PSCN6	Successful completion of this course will enable students to complete a standardized chart utilized in a mental health clinic.
PSCN8	Demonstrated knowledge of group counseling skills in terms of implementing theory with practical application.
PSCN8	Respectful communication is emphasized as a way to facilitate cohesion with diverse populations and demonstrate appropriate interpersonal skills to promote trust and rapport.
PSYC1	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC1	Evaluate new research knowledge and compare that information to previous knowledge in the field of psychology
PSYC10	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC12	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC15	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC16	Students will be able to compose a position paper to argue one side of a controversial issue related to drug use and abuse.
PSYC16	Students will be able to compose a paper on a specific sleep disorder or an aspect of sleep. Essay must include personal reflections on students self sleep evaluation.
PSYC2	Students must devise a research study and write up the results using APA format.
PSYC2	Appropriately use and explain the principles of ethical research in designing a research study.
PSYC20	Compose a position paper to argue a viewpoint on a controversial issue in drug use or regulation.
PSYC20	Evaluate quality of evidence supporting an argument by examining assumptions, emotional appeals, and scientific evidence.
PSYC29	Describe research project in writing using the format of the APA.
PSYC3	Students will be able to compose an essay to explain a psychological theory.
PSYC4	Students will be able to compose an essay to explain a psychological theory or concept.

PSYC4	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC6	Students will be able to compose an essay to explain a psychological theory or concept.
PSYC6	Students will be able to compose an essay to explain a psychological theory or concept.
RADS40A	Describe and identify the basic principles of atomic energy and radioactivity including hazards associated with the use of ionizing radiation.
RADS40B	Analyze situations involving radiation by evaluating data from radiation measurement equipment.
RADS40C	Make appropriate decisions on the control of radiation by applying basic radiological safety and engineering measures.
RECL71L	Students will have an understanding of what is required to go on a backpack trip, including: selection and proper use of backpacking equipment, orienteering skills used in backpacking, first aid and safety applications, and the backpacker's responsibility to rules, regulations, and care of the environment associated with wilderness areas.
RELS1	use the analytical methods discussed in class to evaluate, categorize, and explain new religious movements
RELS11	effectively map the historical elements of Islam to practices and beliefs of contemporary Muslim communities
SOC1	Produce a document that connects social research methods to social theory
SOC1	Apply social theory to world events
SOC1	Outline multiple social theories
SOC11	Outline multiple gender theories
SOC11	Produce a document that connects sociological research methods to gender theory
SOC11	Apply gender theory to current gender practices
SOC3	Outline multiple ethnicity theories - to accurately explain how we socially construct race and ethnicity
SOC3	Apply ethnicity theory to current or historical ethnic group relations
SOC3	Produce a document that connects sociological research methods to ethnicity theory.
SOC4	Outline multiple family theories
SOC4	Produce a document that connects sociological research methods to family theory.
SOC4	Apply family theory to changing family structures.
SOC5	Students who successfully complete SOC 5 should be able to outline world systems theory and explain how it impacts global markets.
SOC5	Students who successfully complete SOC 5 should be able to give concrete examples of the various ways that culture is globalized.
SOC5	Students who successfully complete SOC 5 should be able to analyze a current event using a variety of international news sources.
SOC6	Produce a document which connects sociological research methods to social theory
SOC6	Apply social theory to current social problems
SOC6	Outline multiple social theories

SOC7	Outline multiple sexuality theories
SOC7	Produce a document which connects sociological research methods to sexuality theory
SOC7	Apply sexual theories to current sexual practices
SPAN1A	By mid-semester students will compose a present-tense paragraph using "ar", "er", and "ir" verbs. The paragraph will contain an introductory sentence, four to five supporting sentences and a concluding sentence.
SPAN1B	By mid-semester students will successfully research and compose a past tense paragraph about a famous Spanish-speaker. The paragraph will contain an introductory sentence, 8-10 supporting sentences and a concluding sentence.
SPAN2A	Students will successfully research and compose a six-paragraph essay in Spanish.
SPAN2B	Students will successfully research and compose a six-paragraph essay in Spanish.
SPCH1	Deliver an organized speech.
SPCH10	Comprehend Interpersonal Needs Theory
SPCH11	Demonstrate an Understanding of a Culture other than your Own.
SPCH2A	Perform a Selection of Literature Aloud.
SPCH46	Develop and Deliver an Argument in Extemporaneous Speaking Mode.
SPCH48	Participate at a Forensics Tournament.
SPCH48	Participate in at least 3 speech related activities.
SPCH5	Create a Readers Theater Compilation Script.
THEA10	List and explain Aristotle's six elements of drama as expressed and produced in a particular play or musical.
THEA11	Compare and contrast the stage and film versions of the same play or musical
THEA12	Evaluate and critique a film using concepts and vocabulary from the course
THEA14	Articulate their personal response to a live theater performance using proper theater terminology and concepts
THEA1A	Perform a scripted scene with a partner before a live audience
THEA1A	Perform a short monologue at an audition
THEA1A	Participate with creativity and confidence in group theater games and improvisations
THEA1A	Write a character and play analysis based on reading of the play from which an acting scene has been taken
THEA1A	Write a critique of a live theatrical performance.
THEA1A	Speak and write constructive criticism of acting by other students
THEA1B	Research, rehearse and present a four minute Shakespearean scene in front of an audience
THEA3	Participate with creativity, confidence and co-operation in group improvisations and theater games
THEA30	Direct a production of a short one act play - including play selection, casting, blocking, actor coaching and design coordination.
THEA39	Prepare, rehearse and perform a duet scene/song from a musical
THEA39	Research and analyze the character, scene, song and show of a performed musical theater duet.
THEA4	List and describe Aristotle's six elements of drama and explain their expression and relative importance in a particular theatrical production.
THEA40	Research, imagine and design a setting for a play or musical for production in the Las Positas College Theater

THEA41	Rehearse and perform a characterization that is believable, accurate, consistent and energized in a play or musical.
THEA46	Create and maintain a production book for a theatrical production - including script with accurate blocking, schedules, contact sheets and other show materials
THEA47	Rehearse and perform a characterization that is believable, accurate, consistent and energized in a play or musical
THEA48	Serve as a member of the running crew of a play or musical
THEA5	Create and perform a characterization that is believable, accurate, consistent and energized in a children's theater production.
TUTR17	Students will be able to organize a tutoring session by determining a student's needs and setting session goals
TUTR200	It is anticipated that students who regularly receive tutoring in the LPC Tutorial Center will be able to apply a variety of learning strategies to master material and develop study aids to correspond with individual learning styles.
TUTR200	It is anticipated that students who regularly receive tutoring in the LC tutorial center will be able to identify their level of understanding of the course content after tutoring.
TUTR200	It is anticipated that students who regularly receive tutoring in the LPC Tutorial Center will be able to specify troublesome content areas to maximize the tutoring experience.
TUTR29	Students will apply tutoring techniques taught in the class relevant to the tutoring experience, including problem-solving, critical thinking, and subject-specific applications.
VCOM153	Students who successfully complete VCOM 153 should be able to use Photoshop at the beginning industry-standard level to create illustrative images.
VCOM154	Students who successfully complete VCOM 154 should be able to use Illustrator at the beginning industry-standard level to create illustrative images.
VCOM155	Students who successfully complete VCOM 155 should be able to use Dreamweaver at the beginning industry-standard level to create user-friendly and aesthetically-pleasing websites .
VCOM158	Students who successfully complete VCOM 158 should be able to use Photoshop at the intermediate- to advanced industry-standard level to create and manipulate images.
VCOM159	Students who successfully complete VCOM 159 should be able to use Illustrator at the intermediate- to advanced industry-standard level to create illustrative images.
VCOM162	Students who successfully complete VCOM 162 should be able to use Dreamweaver at the intermediate- to advanced industry-standard level to create and manipulate user-friendly, aesthetically pleasing websites.
VCOM163	Students who successfully complete VCOM 163 should be able to use Dreamweaver and Flash at the most advanced industry-standard level to create web sites that show an excellent understanding of design principles and that fully take into account the needs of the client and the end user.
VCOM164	Students who successfully complete VCOM 164 should be able to use InDesign at the at the most basic- to intermediate- industry-standard level to create multiple page documents that show an understanding of layout and design principles and that take into account the needs of the client and the end user.

VCOM165	Students who successfully complete VCOM 165 should be able to use all Adobe Creative Suite software at the advanced industry-standard level to create files ready for press.
VCOM29	Students will work independently to acquire new knowledge outside of the scope of regular visual communications offerings.
VCOM48	A student who successfully completes VCOM 48 should be able to use the design studio to create and save work at the beginning level of industry-standards.
VCOM50	Concept, idea, visualization: Understand design as a visual language that is built on fundamental principles and elements
VCOM50	Composition and design: define a verbal concept as spatial and proportional relationships; refine concept as an abstract or pictorial image; work through multiple revisions; present and defend image in instructor critique.
VCOM50	Technical - Overall craft: 1. Improve technical skills to work with shapes, proportion, scaling , proximity, quantity, motif and high contrast - B&W - images 2. Improve usage skills with the Adobe Illustrator computer graphics program. 3. Improve understanding of the Adobe Illustrator user interface architecture
VCOM51	A student who successfully completes VCOM 51 should be able to make compositional decisions using color as the main design element by selecting colors appropriate to a project's design and communication goals.
VCOM52	Concept, idea, visualization Make compositional decisions using letterforms as design elements 1. Select typefaces appropriate to a project's design and communication goals 2. Work with a variety of high-contrast visual relationships 3. Use type as shape.
VCOM53	A student who successfully completes VCOM 53 should be able to use Photoshop tools at the most basic level to create and manipulate images.
VCOM54	Students who successfully complete VCOM 54 should be able to use Illustrator at the most basic level to create illustrations and simple graphic designs.
VCOM55	Students who successfully complete VCOM 55 should be able to use Dreamweaver at the most basic level to create a 5-page web site that shows good use of design principles and takes into account the needs of the end user.
VCOM56	Students who successfully complete VCOM 56 should be able to demonstrate visual literacy and technical competence in creating 2- and 3-D graphic design work developed with digital software.
VCOM57	A student who successfully completes VCOM 57 should be able to demonstrate a sophisticated level of visual literacy and technical competence in creating client-based graphic design work developed with digital software.
VCOM58	Students who successfully complete VCOM 58 should be able to use Photoshop at the intermediate- to advanced industry-standard level to create and manipulate images.
VCOM60	Judge quality and effectiveness of design projects, especially one's own.
VCOM62	Students who successfully complete VCOM 62 should be able to use Dreamweaver at the intermediate- and Flash at the beginning industry-standard level to create web sites that show an understanding of design principles and that take into account the needs of the client and the end user.

VCOM63	Students who successfully complete VCOM 63 should be able to use Dreamweaver and Flash at the most advanced industry-standard level to create web sites that show an excellent understanding of design principles and that fully take into account the needs of the client and the end user.
VCOM63IN	Students who successfully complete VCOM 63IN should demonstrate the ability to create and bring through the production and post production stages all kinds of web work developed to client and industry standards.
VCOM64	Students who successfully complete VCOM 64 should be able to use InDesign at the at the most basic- to intermediate- industry-standard level to create multiple page documents that show an understanding of layout and design principles and that take into account the needs of the client and the end user.
VCOM65	Students who successfully complete VCOM 65 should be able to use InDesign, Illustrator and Photoshop at the most advanced industry-standard level to preproof work for print production taking into account all aspects of color management, layout and design principles and the needs of the client and the end user.
VCOM65IN	Students who successfully complete VCOM 65IN should demonstrate the ability to create and bring through the production and post production stages several kinds of print work developed to client and industry standards.
VCOM66	Students who successfully complete VCOM 65IN should be able to use InDesign Adobe Creative Suite software at the advanced industry-standard level to create files ready for press.
VWT10	Student will be able to identify the external, structural components of a grape vine
VWT14	Student will be able to identify the external, structural components of a grape vine
VWT25	the student will be able to OBJECTIVELY describe a wine's qualities
VWT31	Student will identify the external structural components of a grape vine
VWT32	student will be able to identify the structural components of a grapevine
VWT33	Student will be able to identify the external, structural components of a grape vine
VWT38	Student will be able to identify the external, structural components of a grape vine
VWT41	Student should demonstrate a working knowledge of the fermentation process
VWT42	Student should demonstrate a working knowledge of the fermentation process
VWT44	Successful completion of VWT 44 will enable student to differentiate between old & new world wines.
VWT45	the student will be able to accurately describe a wine's qualities
VWT47	the student will be able to accurately describe a wine's qualities
VWT50	Student should demonstrate a clear understanding of the "SWOT" analysis
WEXP95	Demonstrate the ability to carry out learning objectives established by student, supervisor and instructor.
WEXP96	Develop an understanding of employer expectations, job requirements and career opportunities.
WLDT61A	Demonstrate knowledge of welding symbols used on blueprints and technical drawings

WLDT61AL	Demonstrate skills required to pass AWS D1.1 - 1G limited thickness A36 steel test plate using SMAW
WLDT61AL	Demonstrate safety awareness in the welding workplace
WLDT61B	Demonstrate knowledge of the American Welding Society- AWS - Flux Core Arc Welding - FCAW - electrode numbering system
WLDT61BL	Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using SMAW
WLDT61BL	Demonstrate safety awareness in the welding workplace
WLDT62A	Demonstrate knowledge of GTAW essential torch components.
WLDT62AL	Demonstrate skills required to pass AWS D1.1 - 1G limited thickness A36 steel test plate using GTAW.
WLDT62AL	Demonstrate safety awareness in the welding workplace
WLDT62B	Demonstrate knowledge of the American Welding Society GMAW steel electrode numbering system.
WLDT62BL	Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using GTAW.
WLDT62BL	Demonstrate safety awareness in the welding workplace
WLDT63	Demonstrate safety awareness in the welding workplace
WLDT63	Layout, Cut, Form, Fit, Weld a simple rectangular sheet metal box
WLDT66	Demonstrate safety awareness in the welding workplace
WLDT66	Demonstrate use and identify welding defects using Magnetic Particle Testing û MT.
WLDT67A	Demonstrates achievement of self directed skills goals.
WLDT67A	Demonstrates self directed goals achievement
WLDT67A	Demonstrate safety awareness in the welding workplace
WLDT67B	Demonstrates achievement of self directed skills goals.
WLDT67B	Demonstrates achievement of self directed goals
WLDT67B	Demonstrate safety awareness in the welding workplace
WLDT68	Demonstrates achievement of welding certification preparation skills goals.
WLDT68	Demonstrate safety awareness in the welding workplace
WLDT69A	Demonstrate skills required to pass AWS D1.1 - 2G - 6" Schedule 40 carbon steel pipe welding test with ER70S GTAW root and ER7018 SMAW cover
WLDT69A	Demonstrate safety awareness in the welding workplace
WLDT69B	Demonstrate skills required to pass AWS D1.1 - 5G - 6" Schedule 40 carbon steel pipe welding test with ER70S GTAW root and ER7018 SMAW cover
WLDT69B	Demonstrate safety awareness in the welding workplace
WLDT70	Identify welding electrodes used for common industrial welding processes/applications.
WLDT70	Demonstrate safety awareness in the welding workplace
WLDT71	Identify common metals used for creating metal sculpture.
WLDT71	Demonstrate safety awareness in the welding workplace
ZOOL1	Student will prepare, label, correctly identify, and reference the taxonomic orders of different adult insect species
ZOOL1	Students will be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
ZOOL1	Student will prepare, label, correctly identify, and reference the taxonomic orders of different adult insect species

ZOOL1	Gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
ZOOL9	Develop and apply field techniques to animal behavior study
<b>Student Services</b>	
Students who complete the assessment process will be able to identify beginning English and Math - and ESL. course levels in which they are eligible to enroll.	
Identify and articulate functional limitations of disability	
Describe and adjust self-image	
Construct and demonstrate self-advocacy strategies	
Demonstrate and defend rights	
Students complete Work-in-Progress form	
Associated Students of Las Positas College will demonstrate the ability to effectively conduct and participate in productive meetings, and will exhibit the ability to engage in meaningful debate and discussion.	
Students will demonstrate ability to successfully integrate into Las Positas College by assessing services provided by the International Student Office and through other resources available on the LPC campus.	
Assessment of basic attributes of the Earth, such as the cause of the seasons, the size of the Earth and the percentage of land vs. water.	
Basic Characteristics of the Earth: including the cause of the seasons, the size of the Earth and the percentage of land vs. water	
Integrate researched material into your own writing with appropriate context, explanation, punctuation, and citation.	
Research a specific topic using the Internet, databases, journals, and books demonstrating an ability to review sources for relevant evidence and arguments.	
Successful completion of HLTH 1 will enable a student to integrate scientific research to his or her individual behavior change process.	
1. Student will be able to develop and set a realistic and manageable plan to reach his or her education/career goal.	
Identify and articulate nature of disability.	
Students will be able to identify specific learning strategies through interaction with a tutor	
2. Students who complete a Student Education Plan - SEP - with a counselor will demonstrate the ability to execute the SEP.	
Identify strategies addressing functional limitations	
California Mapping Items	
Cloud Identification	
Students who create a Student Education Plan with a Transfer counselor during Fall 2007 will demonstrate "transfer readiness" by the end of the Fall 2010 semester.	
Student has the ability to clarify their educational and career goals.	
Identify major muscle groups and select appropriate exercises	
SLO1 - Demonstrate correct strength training technique	
SLO2 - Apply overload principle to progress strength training program	

SLO2 - Apply overload principle to progress strength training program.
Successful completion of HLTH 1 will enable a student to generate accurate APA citations for health information sources.
International students will comply with the TB screening requirement.
Students demonstrate knowledge of student services.
By the end of the appointment, the students treated for an illness will be able to state their diagnosis and planned course of treatment.
Students will demonstrate an understanding of immigration regulations and take responsibility for maintaining their F-1 status.
Student is able to identify needs, determine resources and access appropriate services.
student will be able to recite their medical plan in a one week follow up meeting
Students will complete a suicide risk assessment at every new patient visit.
Each student that completes a woman's health exam at the student health center will be screened for sexual violence.
Demonstrate improved fitness level as measured by average % improvement on 3 pre/post tests.
SLO1 - Demonstrate correct strength training technique
Student will successfully work together on a group project.
Students complete at least two visits with EOPS counselors and one with other EOPS staff per semester.
The students who regularly receive tutoring in the Las Positas College Tutorial Center will be able to specify troublesome content areas to maximize the tutoring experience.
Students access Meal Card Program.
Students access transportation assistance - gas cards or bus passes.
The students will be informed about the dangers of second hand smoke and the smoke-free campus policy.
CalWORKs students will independently navigate their CalWORKs County responsibilities.
Student Club Training: Ability to understand and follow college activity/event procedures and accounting practices.
Students will identify supportive resources for creating and initiating student clubs that represent the diversity, social, political and cultural interests of the college community.
Successful completion of HLTH 1 will enable a student to locate and evaluate sources in the appropriate database related to their selected topic for individual behavior change.
Concurrent Enrollment - high school - students will understand how to navigate and utilize on-line registration services provided through Class-Web.
New students will be able to complete and successfully submit the online application.
Demonstrate familiarity with assistive technology
Students will demonstrate the ability to successfully apply for financial aid online
1. Resume Assistance/Workshop-Students will learn the process to create an effective resume. This assistance will include exploring proper format, content and structure.

2. Classroom Presentations- At the request of instructors, I visit classes throughout the school year promoting awareness to students about the resources and services offered in the Career/Transfer & Employment Center.

Students will use online services to successfully navigate through the financial aid process.