

Course Descriptions

Courses are classified by subject as they exist at West Hills College Lemoore. All courses within an area usually count toward a major in that area. Other institutions may classify their courses differently. Transfer students should consult the catalog of the four-year college to which they intend to transfer for its classification of identical or comparable courses.

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AOJ 006 Correct Interviewing & Couns. (3)

Class Hours: 54 Lecture

Advisory(s): ENG 101B, and ENG 105B

Transfers to: CSU

Correctional Interviewing and Counseling

AOJ 006 is an overview of the techniques in interviewing and counseling available to practitioners in Corrections. students will learn the use of appropriate techniques and theories in confidence building, which may be used by the correctional employee in client interviews and counseling. This is a course for students planning to enter or already employed within the Correctional Science field.

AOJ 007 Legal Aspects of Corrections (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Legal Aspects of Corrections

AOJ 007 provides students with an awareness of the historical framework, concepts and precedents that guide correctional practice. Course material will broaden the individuals perspective of the corrections environment, the civil rights of prisoners and responsibilities and liabilities of corrections officials.

AOJ 008 Law and Psychology (3)

Class Hours: 54 Lecture

Transfers to: CSU

Law and Psychology

AOJ 008 focuses on the interaction and application law and psychology in respect to criminal behavior. This course will focus on the legal and psychological considerations in the identification, prosecution, incarceration and treatment philosophies available to the criminal justice or social service professional. This course may be used as elective credit for either Administration of Justice or Psychology but not for both.

AOJ 010 Principles & Proc of Crim Just (3)

Class Hours: 54 Lecture

Transfers to: CSU

Princ & Procedures of Criminal Justice

AOJ 010 provides an examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional law precedents.(AA/AS, CSU)

AOJ 012 Written Criminal Justice Comm (3)

Class Hours: 54 Lecture

Advisory(s): ENG 101B and ENG 105B

Transfers to: CSU

Written Criminal Justice Communications

AOJ 012 will cover ideas effectively in a simple, clear and logical manner in the various types of criminal justice systems reports, letters, memoranda, directives, and administrative reports. Emphasis is on law enforcement and correctional terminology, organization of information and use of English; practice experience in note taking and report writing using standard law enforcement and correction forms; presentation of testimony in court.

AOJ 015X Occupational Work Experience**(1 - 8)***Class Hours:* Work Experience*Transfers to:* CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

AOJ 016 Human & Comm Rela in Crim Just**(3)***Class Hours:* 54 Lecture*Transfers to:* UC/CSU

Human & Comm. Relations in Crim Justice

AOJ 016 examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in cultural, religion, and law.

AOJ 020 Criminal Law**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* AOJ 001*Advisory(s):* ENG 001A*Transfers to:* UC/CSU

Criminal Law

AOJ 020 offers an analysis of the doctrines of classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

AOJ 022 Criminal Evidence**(3)***Class Hours:* 54 Lecture*Transfers to:* UC/CSU*C-ID:* AJ 124

Criminal Evidence

AOJ 022 This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process.

AOJ 024 Criminal Investigation (3)

Class Hours: 54 Lecture

Transfers to: CSU

C-ID: AJ 140

Criminal Investigation

AOJ 024 addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

AOJ 029 Criminology (3)

Class Hours: 54 Lecture

Advisory(s): ENG 101A and ENG 101B

Transfers to: CSU

Criminology

AOJ 029 is an introduction to major types of criminal behavior, characteristics of offenders, factors which contribute to crime and delinquency; the criminal justice process; the function of law enforcement, the courts, probation, parole and institutions; changes in crime control and treatment processes; the role of society.

AOJ 032 Juvenile Delinquency (3)

Class Hours: 54 Lecture

Advisory(s): ENG 001A (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Juvenile Delinquency

AOJ 032 is an examination of the origin, development, and organization of the Juvenile Justice System as it evolved in the American Justice System. The course explores the theories that focuses on Juvenile Law, courts and processes, and the constitutional protections extended to juveniles administered in the American Justice System.

AOJ 050A P. C. 832 Arrest Control Mod (3)

Class Hours: 54 Lecture

Advisory(s): ENG 101B and ENG 105B

P/NP

P. C. 832 Arrest Control Module

AOJ 050A is the 40-hour Arrest and Control Module P.C. 832 and meets the requirements set forth by the California Peace Officer Standards for Training (POST) for the Arrest Control Module, only. It is one half of the first tier of training for individuals desiring to be peace officers. Successful students must pass two examinations: (1) a physical methods of arrest/defensive tactics practical (a pass-fail test where the student must demonstrate to the instructors' satisfaction, the proper methods for approaching a subject to taken into custody (individual may be of the opposite sex, physically larger and stronger than the student), controlling that individuals with voice commands, empty hand control, including a defensive take-down, if necessary, and the proper method for searching and cuffing the individual; AND (2) the P.C. 832 state written exam. The student must pass BOTH exams to pass this component of P.C. 832, known as AOJ 50A. A DOJ Clearance Letter is not required for this component. Certificates issued to successful students are valid for three years from their issuance date. Should the student become employed as a peace officer within this three-year period, however, the certificate freezes and remains valid until he or she leaves that agency and there has been a three-year or greater break in peace office employment. Unlimited, expires every 3 years unless employed by P.O.S.T. certified agency.

AG 015X Occup. Work Experience**(1 - 8)***Class Hours: Work Experience**Transfers to: CSU***Occupational Work Experience**

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporates work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit of credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

Agriculture Business (AGBUS)

AGBUS 010 Intro to Agriculture Business**(3)***Class Hours: 54 Lecture**Transfers to: UC/CSU***Introduction to Agriculture Business**

AGBUS 010 provides a basic understanding of the business and economics of the agricultural industry; an introduction to the economic aspects of agriculture and their implications to the agricultural producer, consumer, and the food system; management principles encountered in the day-to-day operation of an agricultural enterprise as they relate to the decision-making process.

AGBUS 015 Computer Application to Agricu**(3)***Class Hours: 54 Lecture**Transfers to: CSU***Computer Application to Agriculture**

AGBUS 015 is an introduction to computer use in the workplace with emphasis on precision agriculture situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covering. Also included will be accessing information through the internet and world wide web, telecommunications, and other software appropriate to precision agriculture.

AGBUS 022 Agriculture Leadership**(3)***Class Hours: 54 Lecture**Transfers to: CSU***Agriculture Leadership**

AGBUS 022 is designed to assist students in the understanding of the critical issues that face modern day businesses in areas of environmental impact compliance, government regulations, domestic and global markets, socioeconomic challenges, and the ever-changing necessity to adapt to the uses of new technologies.

AGBUS 024 Agricultural Accounting (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Agricultural Accounting

AGBUS 024 is the study of the principles of agricultural accounting systems and types of records, their use and how to compute and use measures of earnings and cost of production to improve agribusiness efficiency. Farm income tax, Social Security, and employee payroll records are also included. Application of these concepts and methods through hands-on projects developing computer-based solutions for agriculture business.

AGBUS 040 Introductory Agricultural Econ (3)*Class Hours:* 54 Lecture*Transfers to:* UC/CSU

Introductory Agricultural Econ

AGBUS 040 is an introductory study of agricultural economics including the place of agriculture and farming in the economic system; basic economic concepts, and problems of agriculture; pricing and marketing problems, factors of production; and state and federal farm programs affecting the farmer's economic position.

American Sign Language (ASL)**ASL 001 Intro. to American Sign Lang (4)***Class Hours:* 72 Lecture*Transfers to:* UC/CSU

(4)

P/NP

Intro. to American Sign Language-Level 1

ASL 1 covers the beginning fundamental principles of American Sign Language a visual/spatial language used by Deaf people in the United States and Canada. ASL introduces basic information and cultural/ historical background about the Deaf community and Deaf culture. This course is recommended for students who encounter Deaf people in their working environment, or who are majoring in American Sign Language/ Deaf Studies. ASL 1 is a prerequisite for students who wish to enter an Interpreter Preparation Program. Students are expected to attend outside Deaf events at their own expense.

ASL 002 Inter American Sign Language 2 (4)*Class Hours:* 72 Lecture*Prerequisite(s):* ASL 001*Transfers to:* UC/CSU

(4)

P/NP

Intermediate American Sign Language 2

ASL 002 is designed to introduce students to the second semester of ASL. Students will engage in conversation using ASL at a level expected for intermediate signers. Students will expand conversational skills such a turn-taking, discussing of culturally appropriate topics, and leave-taking. Students will also learn how to relate simple experiences and events using ASL. This course is recommended for students who encounter Deaf people in their working environment, or who plan on majoring in American Sign Language/Deaf Studies. Students are expected to attend outside Deaf events at their own expense.

Art (ART)

ART 002 Two-Dimensional Design (3)

Class Hours: 27 Lecture | 81 Laboratory

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 100

Two-Dimensional Design

ART 002 is an introduction to the concepts, applications, and historical references related to two-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color, and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments. Required for Art Majors.

ART 003 3 - Dimensional Design Fund. (3)

Class Hours: 27 Lecture | 81 Laboratory

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 101

3 - Dimensional Design Fundamentals

ART 003 is an introduction to the concepts, applications, and historical references related to three-dimensional design, and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects.

ART 005A Basic Drawing (3)

Class Hours: 27 Lecture | 81 Laboratory

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 110

Basic Drawing

ART 005A is an introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus is on perceptually-based drawing, observational skills, technical abilities, and creative responses to materials and subject matter.

ART 005B Intermediate Drawing (3)

Class Hours: 27 Lecture | 81 Laboratory

Prerequisite(s): ART 005A

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 205

Intermediate Drawing

ART 005B is the exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

ART 007 Figure Drawing (3)

Class Hours: 27 Lecture | 81 Laboratory

Prerequisite(s): ART 005A

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 200

Figure Drawing

ART 007 is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure. Students will be required to purchase specific materials for this course.

ART 015A Beginning Painting (3)

Class Hours: 27 Lecture | 81 Laboratory

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: ARTS 210

Beginning Painting

ART 015A is an introduction to principles, elements, and practices of painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Art 15A offers lecture and studio time to explore the heritage and fundamentals of painting. Included in the course will be a study of how the cultural context during various periods in history has influenced historically significant works of art. Students will be encouraged to understand how the works they create are influenced by the contemporary context, as well as history, and to develop their own theories about how the paintings they create fit into the continuum of history. Advisory: students will be required to purchase their own supplies for this course.

ART 015B Intermediate Painting (3)

Class Hours: 27 Lecture | 81 Laboratory

Prerequisite(s): ART 015A

Advisory(s): ENG 051A

Transfers to: UC/CSU

Intermediate Painting

ART 015B offers additional lecture and studio time to further explore the oil painting medium. Recommended for Art majors.

ART 015C Advanced Painting (3)

Class Hours: 27 Lecture | 81 Laboratory

Prerequisite(s): ART 015B

Advisory(s): ENG 051A

Transfers to: UC/CSU

Advanced Painting

ART 015C offers additional lecture and studio time to further explore different concepts of painting.

- ART 015D** **Extended Painting** (3)
Class Hours: 27 Lecture | 81 Laboratory
Prerequisite(s): ART 015C
Advisory(s): ENG 051A
Transfers to: UC/CSU

Extended Painting

ART 015D offers students the chance to explore their own ideas as they relate to painting. The students will produce a series of paintings which demonstrate their art concepts and theories. Recommended for Art majors.

- ART 016A** **Survey of Western Art** (3)
Class Hours: 54 Lecture
Advisory(s): ENG 051A
Transfers to: UC/CSU
C-ID: ARTH 110

Survey of Western Art: Pre-History

ART 016A provides an overview of western art and architecture from prehistory through the medieval period. Each of the important civilizations is studied through slides, lectures, class discussion and the textbook. Successful completion of English 51A (Introduction to communication skills), or equivalent, is strongly recommended.

- ART 016B** **Survey of Western Art** (3)
Class Hours: 54 Lecture
Advisory(s): ENG 051A
Transfers to: UC/CSU
C-ID: ARTH 120

Survey of Western Art: Renaissance

ART 016B provides an overview of art and architecture from the Renaissance to the Contemporary period. Each of the important civilizations is studied through slides, lectures, class discussion and the textbook.

- ART 020A** **Introduction to Digital Art** (3)
Class Hours: 27 Lecture | 81 Laboratory
Advisory(s): ENG 051A
Transfers to: CSU
C-ID: ARTS 250

Introduction to Digital Art

ART 020A is an introduction to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools. Students will be required to purchase their own materials for this class.

- ART 042** **Art Appreciation** (3)
Class Hours: 54 Lecture
Advisory(s): ENG 051A
Transfers to: UC/CSU

Art Appreciation

ART 042 provides a general introduction to art that offers a look at works of art through the study of theory, terminology, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures. No art background is necessary.

Athletics (ATHL)

ATHL 001 **Pre-Season Athletic Conditioni** **(0.5 - 3)**

Class Hours: 175 Laboratory

Transfers to: CSU

Pre-Season Athletic Conditioning

ATHL 001 is designed to provide off-season physical conditioning, skills/technique training and increased knowledge of sport.

ATHL 005 **Fund. of Women's Basketball** **(1)**

Class Hours: 9 Lecture | 27 Laboratory

Transfers to: CSU

Fundamentals of Women's Basketball

ATHL 005 is designed to provide instruction and practice in the fundamentals of basketball including dribbling, passing, shooting and rules, etc. The course also includes instruction on how to improve skills necessary for students to participate in recreational basketball as well as prepare your body for basketball activities through weights and conditioning.

ATHL 009 **Fundamentals of Men's Wrestlin** **(1)**

Class Hours: 9 Lecture | 27 Laboratory

Transfers to: CSU

Fundamentals of Men's Wrestling

ATHL 009 is designed to provide instruction and practice in the fundamentals of wrestling including takedowns, escapes, reversals, pinning combinations, riding, defensive skills, and knowledge of and interpretation of the official rules of wrestling.

ATHL 010 **Fundamentals of Men's Golf** **(1)**

Class Hours: 9 Lecture | 27 Laboratory

Advisory(s): ENG 051A (Recommended, Previous or concurrent).

Transfers to: CSU

Fundamentals of Men's Golf

ATHL 010 is the study and analysis of competitive golf. Emphasis on swing mechanics, course management, rules of golf, mental techniques and practice regimens. Designed for students with previous golf experience and/or the desire to coach golf at any level.

ATHL 011 **Fundamentals of Women's Golf** **(1)**

Class Hours: 9 Lecture | 27 Laboratory

Advisory(s): ENG 051A (Recommended, Previous or concurrent).

Transfers to: CSU

Fundamentals of Women's Golf

ATHL 011 is the study and analysis of competitive golf. Emphasis on swing mechanics, course management, rules of golf, mental techniques and practice regimens. Designed for students with previous golf experience and/or the desire to coach golf at any level.

ATHL 012 **Men's Theory of Cross Country** **(1)**

Class Hours: 9 Lecture | 27 Laboratory

Advisory(s): ENG 051A (Recommended, Previous or concurrent).

Transfers to: CSU

Men's Theory of Cross Country

ATHL 012 is the study and analysis of competitive cross country as well as the technique of running. The course is designed for students with previous cross country experience and or the desire to coach cross country at any level.

ATHL 013 Women's Theory of Cross Countr (1)

Class Hours: 9 Lecture | 27 Laboratory

Advisory(s): ENG 051A (Recommended, Previous or concurrent).

Transfers to: CSU

Women's Theory of Cross Country

ATHL 013 is the study and analysis of competitive cross country as well as the technique of running. The course is designed for students with previous cross country experience and or the desire to coach cross country at any level.

ATHL 014 Fundamentals of Men's Soccer (1)

Class Hours: 9 Lecture | 27 Laboratory

Transfers to: CSU

Fundamentals of Men's Soccer

ATHL 014 is designed to provide instruction and practice in the fundamentals of soccer including dribbling, passing, shooting, defense, etc. The course also includes instruction on how to improve skills necessary for students to participate in recreational of soccer.

ATHL 015 Fundamentals of Women's Soccer (1)

Class Hours: 9 Lecture | 27 Laboratory

Transfers to: CSU

Fundamentals of Women's Soccer

ATHL 015 is designed to provide instruction and practice in the fundamentals of soccer including dribbling, passing, shooting, defense, etc. The course also includes instruction on how to improve skills necessary for students to participate in recreational of soccer.

ATHL 024 Intercollegiate Men's Basketba (1 - 3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: CSU

Intercollegiate Men's Basketball

ATHL 024 is designed to provide competition in basketball at the community college level.

ATHL 025 Intercollegiate Basketball (1.5)

Class Hours: 87.5 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Intercollegiate Basketball

ATHL 025 is designed to provide competition in basketball at the community college level. May be taken 6 six times for credit.

ATHL 027 Intercolleg Women's Volleyball (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: CSU

Intercollegiate Women's Volleyball

ATHL 027 is designed to provide competition in volleyball at the community college level. Intercollegiate volleyball will develop intermediate and advanced techniques and knowledge with an emphasis on the individual as well as team skills involved in the game.

ATHL 028 Intro. Intercoll. Volleyball (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: CSU

Introductory Intercollegiate Volleyball

ATHL 028 is designed to provide competition in volleyball at the community college level. Intercollegiate volleyball will develop intermediate and advanced techniques and knowledge with an emphasis on the individual as well as team skills involved in the game.

ATHL 029 Men's Intercollegiate Wrestlin (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Men's Intercollegiate Wrestling

ATHL 029 Men's Intercollegiate Wrestling will provide student athletes the opportunity to compete on a men's wrestling team at the intercollegiate level. Men's intercollegiate wrestling will provide student athletes an opportunity to develop individual skills in the sport of wrestling as they apply to a competitive one on one situation. Designed primarily for people possessing the desire, ability and skills necessary to compete on the intercollegiate level.

ATHL 030 Men's Intercollegiate Golf (3)

Class Hours: 175 Laboratory

Prerequisite(s): Medical approval from a licensed physician

Transfers to: UC/CSU

Men's Intercollegiate Golf

ATHL 030 Men's Intercollegiate Golf will provide student athletes the opportunity to compete on a men's golf team at the Intercollegiate level. Men's Intercollegiate golf will provide student athletes an opportunity to develop individual skills in the sport of golf as they apply to a competitive one on one situation. Students athletes will learn to master golf shots and strategies against an opponent while developing mental and physical maturity. Student athletes will compete against the college teams in the area.

ATHL 031 Women's Intercollegiate Golf (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Women's Intercollegiate Golf

ATHL 031 Women's Intercollegiate Golf will provide student athletes the opportunity to compete on a women's golf team at the Intercollegiate level. Women's Intercollegiate Golf will provide student athletes an opportunity to develop individual skills in the sport of golf as they apply to a competitive one on one situation. Student athletes will learn to master golf shots and strategies against an opponent while developing mental and physical maturity. Student athletes will compete against the college teams in the area.

ATHL 033 Women's Intercollegiate Cross (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Women's Intercollegiate Cross Country

ATHL 033 Women's Intercollegiate Cross Country will provide student athletes the opportunity to compete on a women's cross country team at the intercollegiate level. Women's Intercollegiate Cross Country will provide student athletes an opportunity to develop individual skills in sport of cross country as they apply to a competitive event. Student athlete will learn to master cross country and strategies against an opponent while developing mental and physical maturity. Student will compete against college teams in the area.

ATHL 034 Men's Intercollegiate Soccer (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Men's Intercollegiate Soccer

ATHL 034 provide student athletes the opportunity to compete on a men's soccer team at the intercollegiate level. ATHL 34 will provide student athletes an opportunity to develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Student athletes will learn to master soccer and strategies against an opponent while developing mental and physical maturity. Students will compete against the college teams in the area.

ATHL 035 Women's Intercollegiate Soccer (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Women's Intercollegiate Soccer

ATHL 035 provides student athletes the opportunity to develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Student athletes will learn to master soccer against an opponent while developing mental and physical maturity. Students will compete against college teams in the area.

ATHL 044 Men's Intercollegiate Cross Co (3)

Class Hours: 175 Laboratory

Advisory(s): Medical approval from a licensed physician (Recommended, Previous or concurrent).

Transfers to: UC/CSU

Men's Intercollegiate Cross Country

ATHL 044 will provide student athletes the opportunity to compete on a men's cross country team at the intercollegiate level. Men's Intercollegiate Cross Country will provide student athletes an opportunity to develop individual skills in a sport of cross country as they apply to a competitive event. Student athlete will learn to master cross country and strategies against an opponent while developing mental and physical maturity. Student will compete against college teams in the area. (

Biology (BIO)

BIO 001A Cell and Molecular Biology (4)

Class Hours: 54 Lecture | 54 Laboratory

Prerequisite(s): CHEM 001A

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: BIOL 190

Cell and Molecular Biology

BIO 001A is intended for majors, will cover principles and applications of prokaryotic and eukaryotic cell structure and function, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, classical/Mendelian genetics, cell metabolism including photosynthesis and respiration, and cellular communication. The philosophy of science, methods of scientific inquiry and experimental design are foundational to the course.

BIO 001B Organismal Biology (4)*Class Hours:* 54 Lecture | 54 Laboratory*Prerequisite(s):* MATH 063*Transfers to:* UC/CSU*C-ID:* BIOL 140

Organismal Biology

BIO 001B is intended for biology majors as a survey of the basic biology and diversity of unicellular and multicellular organisms. It emphasizes general biological principles, classification, structure, function and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments.

BIO 010 Fundamentals of Biology (3)*Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* ENG 051A*Transfers to:* UC/CSU

Fundamentals of Biology

BIO 010 is recommended for the non-science major. The primary objective of this course is to teach basic biological concepts as they relate to the cell and the organism as a whole. Consideration will be given to the cellular and chemical basis of life, genetics, evolution, and ecology. Not open for credit to students who have earned credit in BIO 015 or equivalent.

BIO 011 Biology of Death Valley (1)*Class Hours:* 2 Lecture | 46 Laboratory*Transfers to:* CSU

Biology of Death Valley

BIO 011 is a one-unit Biology field course with a focus on the Trans-Sierra region, specifically the Mojave Desert and Death Valley. Students will observe and analyze the biological, physical, and cultural patterns and process including landforms, weather, geology, fauna and flora, and history of the regions.

BIO 015 Biology for Education (3)*Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* ENG 051A*Transfers to:* UC/CSU

Biology for Education

BIO 015 is required for Liberal Studies students seeking a Multiple Subject Teaching Credential and transferring to the California State University system. The primary objective of this course is to teach biological concepts as they relate to the cell and the organism as a whole. Consideration will be given to the cellular and chemical basis of life, genetics, evolution, and ecology.

BIO 032 Human Anatomy (4)*Class Hours:* 54 Lecture | 54 Laboratory*Prerequisite(s):* ENG 051A and MATH 063 OR 064

Take MATH-063(1863) MATH-064(2017) MATH-015(1857) MATH-025(2812) MATH-045(1860) MATH-010A(2752) MATH-001A(1852) MATH-001B(1853) MATH-002A(2810) MATH-002B(2811) MATH-065 or EQ-MATH063; Minimum grade C,P,CR.:

Transfers to: UC/CSU*C-ID:* BIOL 110B

Human Anatomy

BIO 032 explores the structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors.

BIO 035 Human Physiology

(4)

Class Hours: 54 Lecture | 54 Laboratory*Prerequisite(s):* ENG 051A and MATH 063 or 064*Take MATH-063(1863) MATH-064(2017) MATH-015(1857) MATH-025(2812) MATH-045(1860) MATH-001A(1852) MATH-001B(1853) MATH-002A(2810) MATH-002B(2811) MATH-065 or EQ-MATH063; Minimum grade C,P,CR.:**Advisory(s):* BIO 032, and CHEM 001A, or CHEM 002A*Transfers to:* UC/CSU

Human Physiology

BIO 035 is the study of physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health related majors.

BIO 035L General Human Physiology Lab

(1)

Class Hours: 54 Laboratory*Prerequisite(s):* BIO 035 or concurrent enrollment in BIO 035 (Required, Previous or concurrent).*Transfers to:* UC/CSU

P/NP

General Human Physiology Lab

BIO 035L is a lab component to BIO35 designed to accommodate students requiring a face-to-face instructional modality for human physiology laboratory. Students will receive a letter grade but no course credit if they have completed or are currently enrolled in Biology 035.

BIO 038 Microbiology

(4)

Class Hours: 54 Lecture | 54 Laboratory*Prerequisite(s):* CHEM 001A or CHEM 002A*Transfers to:* UC/CSU

Microbiology

BIO 038 is a consideration of the morphology, anatomy, physiology, and taxonomy of micro-organisms with an emphasis on the methods of isolation, identification, and the diseases they cause.

Business (BUS)**BUS 001A Beg Principles of Accounting**

(4)

Class Hours: 72 Lecture*Advisory(s):* ENG 001A and Math 061*Transfers to:* UC/CSU*C-ID:* ACCT 110

Beginning Principles of Accounting

BUS 001A is the study of accounting as an information system, examining why is it important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.

BUS 001B Elementary Principles of Acct. (4)*Class Hours:* 72 Lecture*Prerequisite(s):* BUS 001A*Transfers to:* UC/CSU*C-ID:* ACCT 120

Elementary Principles of Accounting

BUS 001B is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to costs systems, cost control, profit planning, and performance analysis in manufacturing and service environments.

BUS 002 Introductory Keyboarding (3)*Class Hours:* 36 Lecture | 54 Laboratory

P/NP

Transfers to: CSU

Introductory Keyboarding

BUS 002 is an introductory keyboarding course which emphasizes operating alphabetic, numeric, and symbol keys by touch. It includes computer keyboarding information. BUS 002 is a prerequisite to BUS 003.

BUS 003 Intermediate Keyboarding (3)*Class Hours:* 36 Lecture | 54 Laboratory

P/NP

Prerequisite(s): BUS 002 or the ability to key 25 NWPM*Transfers to:* CSU

Intermediate Keyboarding

BUS 003 provides basic formatting and skill development for employment or personal use. The course builds upon skills learned in BUS 2 and develops additional computer keyboarding skills in the creation of word processing documents. Formatting applications include: business correspondence, reports, and tables. Basic document formatting, grammar, spelling, punctuation, and proofreading are reinforced throughout. Students will use basic features of an office-level word processing program.

BUS 007 Introduction to Entrepreneursh (3)*Class Hours:* 54 Lecture

P/NP

Advisory(s): ENG 051A and MATH 061*Transfers to:* CSU

Introduction to Entrepreneurship

BUS 007 is designed to provide students with an introduction to entrepreneurship and addresses basic issues potential entrepreneurs encounter. This course identifies methods for developing an individual's business idea(s), its feasibility, the process of starting a business, how to acquire necessary resources, and the key parts of a business plan (development and execution). Students will develop an understanding of legal issues, marketing the business, financing the business, entrepreneurial resources and the complex tasks faced by individuals engaged in entrepreneurial activities.

BUS 013A Word for Windows I (1.5)*Class Hours:* 18 Lecture | 27 Laboratory

P/NP

Transfers to: CSU

Word for Windows I

BUS 013A teaches basic features of Word for Windows for the non-office occupations major. The course is designed to equip students with the skills to prepare personal correspondence and reports. This course, along with Word for Windows II, is required for the Office Technology major.

BUS 019C Project Time & Cost Management (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019B

Transfers to: CSU

Project Time & Cost Management

BUS 019C provides project managers tools and techniques to plan, manage, and control the project schedule and budget elements effectively. The time management portion of this course covers activity breakdown, estimation, sequencing and scheduling to know how to best use time to complete the work on or before its scheduled finish date. The cost management portion discusses budget estimation and development such as resource planning, cost estimation, cost control systems, project budgeting and the basic accounting principles needed to ensure the success of the project.

BUS 019D Project Quality Management (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019C

Transfers to: CSU

Project Quality Management

BUS 019D expands upon the introductory project management class to explore the project quality management processes of quality planning, quality assurance, and quality control necessary to successfully meet conformance to project requirements and fitness of use. Quality standards and various methodologies are explored as well as the tools and techniques used to manage project quality. The cost of poor quality is discussed, as well as the cost/benefit associated with quality processes and procedures.

BUS 019E Proj. Human Resources & Com M (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019D

Transfers to: CSU

Project Human Resources & Com Management

BUS 019E builds on the understanding that project management involves team members from across and outside an organization. Project Managers use leadership, organization, and planning skills for successful collaboration with team members, stakeholders, and vendors. The course covers the creation of a human resource and staffing management plan, acquisition of resources, and management of resources in a project environment. The course also addresses how effective project managers understand the communication process as well as the importance of communication to lead, support, coach, and build the project teams.

BUS 019F Project Risk & Procurement Mgm (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019E

Transfers to: CSU

Project Risk & Procurement Management

BUS 019F prepares project managers to successfully manage and respond to risks and opportunities through probability assessment and risk mitigation strategies. The course also equips project managers with tools to research and acquire goods and services needed by the project.

BUS 020 Introduction to Business (3)*Class Hours:* 54 Lecture*Transfers to:* UC/CSU*C-ID:* BUS 110

Introduction to Business

BUS 020 provides an introduction to basic business principles and is a foundation for more specialized study of business education. Topics such as organization, management and leadership, ownership, marketing, operations, human resources, the economic environment, and globalization are studied. Students who have a general education interest are welcome to enroll.

BUS 024 Business Mathematics (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG-101B and MATH 101*Transfers to:* CSU

P/NP

Business Mathematics

BUS 024 is a review of the ordinary arithmetical processes and practices. It provides vocational preparation of students for entry-level jobs in business which require computational skill on practical business problems.

BUS 028 Business Communication (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

P/NP

Business Communication

BUS 028 applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills.

BUS 032 Small Business Management (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

P/NP

Small Business Management

Business 32 is designed to provide students with a basic understanding of the operation and management of small business in the American economic system so that they may gain information that will enable them to operate a business and/or pursue an interest in business management. (AA/AS, CSU)

BUS 035 Human Resources Management (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

P/NP

Human Resources Management

BUS 035 emphasizes the importance of dealing successfully with people both in "on-the-job" situations and in other contacts through the study of positive and preventative aspects of personnel management systems, organizational behavior, leadership and supervision, and related topics.

BUS 081A **Inter Keyboarding & Doc Proc I** (1.5)
Class Hours: 18 Lecture | 27 Laboratory P/NP
Prerequisite(s): BUS 80A

Inter Keyboarding/Document Processing I

BUS 081A is an intermediate course in keyboarding and is designed to increase speed and accuracy as well as process documents used in the business world today. Students will be introduced to MS Word software, memorandums, and letter styles. Correct techniques is emphasized.

Chemistry (CHEM)

CHEM 001A **General Chemistry I** (5)
Class Hours: 54 Lecture | 108 Laboratory
Prerequisite(s): MATH 063 or MATH 064
Transfers to: UC/CSU

General Chemistry I

CHEM 001A is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering.

CHEM 001B **General Chemistry II** (5)
Class Hours: 54 Lecture | 108 Laboratory
Prerequisite(s): CHEM 001A
Transfers to: UC/CSU

General Chemistry II

CHEM 001B is a continuation of the study of the principles of chemistry with an emphasis on chemical thermodynamics (H, S, G), kinetics and mechanisms, equilibrium, electrochemistry, spectroscopy, nuclear chemistry, introductory organic and biochemical systems, and selected elemental chemistries of metals, non-metals, and metalloids. The laboratory includes lecture-matched qualitative and instrumental evaluation of selected species and parameters as well as microprocessor and computerized data gathering, processing and reduction, and computer simulations. Appropriate training in chemical safety is provided. (AA, CSU, UC) The Chemistry 001A, 001B sequence is required of all students majoring in chemistry, chemical engineering, engineering sciences, biology, microbiology, and all applied sciences at the University of California, i.e., medicine, pharmacy, veterinary science, nursing, home economics, etc. These courses are acceptable for credit at the University of California and California State University.

CHEM 002A **Introductory Chemistry** (4)
Class Hours: 54 Lecture | 54 Laboratory
Prerequisite(s): MATH 063 or MATH 064
Transfers to: UC/CSU
C-ID: CHEM 101

Introductory Chemistry

CHEM 002A is a study of the applied principles of chemistry for the allied science and non-science majors. Included are scientific methodology, composition of matter, physical and chemical changes, bonding, nomenclature, chemical periodicity and reactivity, stoichiometry, states of matter, atomic and molecular modeling, chemical energetics, properties and models of solids, liquids, gases, aqueous solution and Redox reactions, pH, reactions of elements/acids/bases/salts, and a brief introduction to organic chemistry. Appropriate raining in chemical safety is provided.

Child Development (CD)

CD 002 Teaching in a Diverse Society (3)

Class Hours: 54 Lecture

Transfers to: CSU

C-ID: ECE 230

Teaching in a Diverse Society

CD 002 will examine the influences on development of children social identities. Examination of culturally relevant and linguistically appropriate anti-bias approaches supporting all children. Reflection on one's own understanding of diversity in order to inform teaching practices and/or program development.

CD 003 Observations and Assessments (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Observations and Assessment

CD 003 focuses on the experience of an appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed. Various scientific techniques will be introduced and utilized to benefit the child, the environmental situations, family and teacher interaction and/or successful referrals to other professionals focusing on children.

CD 004 Parenting (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Parenting

CD 004 offers parents and teachers information for understanding parent-child relationships. Students will explore the use of positive parenting skills, assess socially acceptable family values, and learn about child development and how it plays a direct part in parenting the child.

CD 005 Child Development (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: CDEV 100

Child Development

CD 005 is an introductory course that examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

CD 007 Early Intervention**(3)***Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Early Intervention

CD 007 provides information pertaining to the understanding and the support of infants and toddlers who are at risk or have established disabilities. Additional emphasis will include assessments, diagnosis and referral identification, curriculum development, learning environment, community resources, and strategies for working with diverse families. Students will be required to complete fifteen hours of observations based upon infants and toddlers with established risks or established disabilities.

CD 008 Infant Massage**(0.5)***Class Hours:* 9 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Infant Massage

CD 008 offers information and practical application involving nurturing touch and communication through the use of infant massage techniques. Among the issues to be discussed will be mutual respect, bonding, infant behaviors, and infant stress reduction. The course is designed for parents, parents expecting a newborn, and caregivers working especially in early intervention situations.

CD 009 Using Infant Gestures**(0.5)***Class Hours:* 9 Lecture*Transfers to:* CSU

Using Infant Gestures

CD 009 offers students and parents information of verbal language ability and skill. Issues to be addressed in this course will be early childhood language development, listening skills, and communication patters. Students will have the opportunity to develop and practice their own gesture signs. This course is recommended for parents, infant/toddler caregivers, and caregivers working in early intervention with children at risk or with established risks.

CD 010 Child, Family and Society**(3)***Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Child, Family and Society

CD 010 is an examination of the developing child in a societal context focusing on the interrelationship of family, school and community, along with emphasis on historical and socio-cultural factors. The processes of socialization and identify development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. Students are required to accomplish 12 hours of volunteer services in their community.

CD 011 Young Child. With Except.Needs**(3)***Class Hours:* 54 Lecture*Advisory(s);* ENG 051A, *proof of a negative TB test:**Transfers to:* CSU

Young Children With Exceptional Needs

CD 011 addresses the needs of exceptional children in the areas of growth and development, identification classification, early intervention strategies, "inclusion," and the facilitation of inclusive learning in early childhood education programs. Information on federal legislation and teacher attitudes and philosophy is to be presented.

- CD 012A Principles & Practices of Ece (3)**
Class Hours: 54 Lecture
Advisory(s): ENG 051A
Corequisite(s): CD 012B (Recommended, Previous or concurrent).
Transfers to: CSU
C-ID: ECE 120

Principles & Practices of Ece

CD 012A includes an examination of theoretical principles of development practices as applied to programs, environments, teacher relationships, constructive adult-child interactions, curriculum planning, and teaching strategies supporting the physical, emotional, social and cognitive development of young children. Included in this course is information on the early history of early childhood programs, professional practices promoting advocacy, ethics and professional identity.

- CD 012B Principles and Practices of Ec (3)**
Class Hours: 18 Lecture | 108 Laboratory
Prerequisite(s): CD 005, CD 010, CD 012A, and CD 016
Advisory(s): Negative TB test (Recommended, Previous or concurrent).
Transfers to: CSU

Principles & Practices of ECE Field Wo Early Childhood Practicum-Field Exp

CD 012B Students will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

- CD 014A Adm. & Superv. of Child. Prgm (3)**
Class Hours: 54 Lecture
Advisory(s): ENG 051A
Transfers to: CSU

Administration & Superv. of Child. Prgm

CD 014A is designed for students that have a foundation in child development and the desire to be involved in the administration of children's programs as a director and/or supervisor. The focuses on state regulations governing child development programs and its application to children's programs. Information pertaining to staffing, educational philosophies, program planning, health, safety and nutrition issues, child abuse reporting, budget development, and successful business practices is to be addressed.

- CD 014B Adm. & Superv. of Child. Prgm (3)**
Class Hours: 36 Lecture | 54 Laboratory
Advisory(s): ENG 051A
Transfers to: CSU

Adm. & Superv. of Child. Prgm Fieldwork

CD 014B is a course designed for students that have a firm foundation in child development and have an interest in becoming an administrator of a children's program. This course offers the student an opportunity to design and demonstrate their writing and computer abilities in assigned projects such as personal portfolios, newsletters, parent education presentations, staff in-services, school policy development, and other related assignments. Students will be given the opportunity to gain administrative experiences in an appropriate community based children's program.

CD 015 Children's Literature and Lang (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Children's Literature and Language Arts

CD 015 is the study of age-appropriate literature for young children with an emphasis placed on selection, evaluation and practice of the literature discussed. Students will be introduced to information on emerging literacy and language development. Appropriate language art skills for young children are included, as well as multicultural and gender identify information as it pertains to children's literature.

CD 015X Occupational Work Experience (1 - 8)*Class Hours:* Work Experience*Transfers to:* CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

CD 016 Introduction to Curriculum (3)*Class Hours:* 54 Lecture*Advisory(s); ENG 051A:**Transfers to:* CSU*C-ID:* ECE 130

Introduction to Curriculum

CD 016 presents an overview of knowledge and skills related to providing developmentally appropriate curriculum and environments for young children under the age of 6. Content of course will emphasize information on the role of play and its importance in the learning process of young children and their content areas, including but not limited to, language and literacy, social and emotional learning, sensory learning, the performing arts, math and science. Students will use their observational and assessment skills to evaluate the outcomes of curriculum planning.

CD 017A Sex Ed for Parents & Teachers (1)*Class Hours:* 18 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Sex Ed for Parents & Teachers of Young C

CD 017A is designed for teachers and parents of children. This course provides basic sex education, which includes the stages of sexual development from prenatal development through adolescence, useful communication skills for adults when talking to children about sexual development and relationships, and the influences of media upon children as it pertains to sexuality.

CD 017B Child Abuse Recogn & Prevent. (1)*Class Hours:* 18 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU**Child Abuse Recognition & Prevention**

CD 017B provides information concerning child abuse recognition and prevention. The types of abuses and the psychological impact of a abuse on young children are presented. Mandated reporting for educators and the California Penal Code as it pertains to child abuse are addressed.

CD 017C Single Parenting (1)*Class Hours:* 18 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU**Single Parenting**

CD 017C is designed for single parents and for teachers working with single parents. Information in this course will include the effects of divorce on children, child custody issues, and the family dynamics of the single parent family.

CD 018 Health, Safety and Nutrition (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A, proof of negative TB test within the last 12 months (Recommended, Previous or concurrent).*Transfers to:* CSU*C-ID:* ECE 220**Health, Safety and Nutrition**

CD 018 provides basic information on the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety , and nutrition. The key components that ensure physical health, mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. There is an emphasis on integrating the concepts into everyday planning and program development for all children.

CD 019 Family Day Care (2)*Class Hours:* 36 Lecture*Advisory(s);* ENG 051A:*Transfers to:* CSU**Family Day Care**

CD 019 is an introduction to family day care, including health and safety issues, childhood nutrition, the development of children, child-centered guidance, curriculum, sound business practices, child abuse reporting, and working with adults in the family day care setting. Other issues addressed will be state regulations and guidelines for operating a family day care.

CD 020 Behavioral Mgmt in the Ec Clas (2)*Class Hours:* 36 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU**Behavioral Mgmt in the Early Childhood C**

CD 020 provides basic information and practice guidance program in the classroom. Conflict resolution and problem-solving behavior of young children are addressed.

CD 021 Infant & Toddler Caregiving (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Infant & Toddler Caregiving

CD 021 is an overview of infant and toddler development, including physical growth, motor skills, perception, cognition, social skills, and personality. Applied developmental knowledge will be directed to the study of appropriate equipment, curriculum content, and health, safety, and nutritional issues. Quality infant and toddler environments will be addressed.

CD 022 Superv. Adults Work in Child P (2)

Class Hours: 36 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Superv. Adults Work in Child. Program

CD 022 provides information pertaining to the issues and methods of working with staff, adult volunteers, parents, and other professionals working in publicly funded, non-profit and private children's programs. This course is required by the State of California Commission for Teacher Preparation and Licensing of all master teachers, site supervisors, and program directors that are employed in publicly funded children's programs.

CD 023 Domestic Violence Recog. & Pre (1)

Class Hours: 18 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Domestic Violence Recognition & Prevent.

CD 023 will address the recognition of domestic violence in families, its effects upon victims and children, and how knowledge of the subject matter provides a prevention platform.

Communication (COM)

COM 001 Elements of Speech (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Transfers to: UC/CSU

C-ID: COMM 110

Elements of Speech

COM 001 provides instruction in the theory and techniques of public speaking in a democratic society. Discovery, development and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches.

COM 002 Oral Interpretation of Literat (3)

Class Hours: 54 Lecture

Prerequisite(s): COM 001

Transfers to: UC/CSU

C-ID: COMM 170

Oral Interpretation of Literature

COM 002 provides an introduction to performance studies and an analysis, appreciation, and application of theories of interpretive performances of various forms of literature including poetry, prose, and drama (plays, scripts and screenplays).

COM 003 Argumentation and Debate (3)

Class Hours: 54 Lecture

Prerequisite(s): COM 001

Transfers to: UC/CSU

C-ID: COMM 120

Argumentation and Debate

COM 003 provides instruction in methods of critical inquiry and advocacy. The course focuses on identifying fallacies in reasoning and language, testing evidence and evidence sources, advancing a reasoned position, and defending and refuting arguments. The course also covers the analysis, presentation, and evaluation of oral and written arguments.

COM 004 Small Group Dynamics & Present (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Transfers to: UC/CSU

C-ID: COMM 140

Small Group Dynamics and Presentation

COM 004 provides instruction in the principles of communication in a variety of group contexts. Students will learn theory, application, and evaluation of group communication processes, including problem solving, conflict management, decision making, and leadership.

COM 005 Interpersonal Communication (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Transfers to: UC/CSU

C-ID: COMM 130

Interpersonal Communication

COM 005 provides instruction in the principles of verbal and nonverbal transactions that occur in relationships. Students will study theory and research findings and their application to communication in interpersonal relationships in both personal and professional contexts.

Computer Information Systems (CIS)

CIS 002 Internet Programming HTML/CSS (3)

Class Hours: 54 Lecture

Advisory(s); ENG 101B and MATH 101:

Transfers to: CSU

Internet Programming HTML/CSS

CIS 002 helps students develop the skills needed to create and maintain well-organized and well-formed Web pages and sites. Students will learn the history, power and limitations of basic Web page development through the Web's foundation languages, Hypertext Mark-up Language (HTML) and Cascading Style Sheets (CSS) as specified by the official Web standards body. Students learn to build solid web pages at a RAW level through a series of hands-on exercises. The course is targeted toward Web designers, developers and publications specialists. This course serves as a tutorial for students who have coded Web pages before and review for students who have some HTML/CSS coding knowledge and want to build on that knowledge.

CIS 002B Internet Programming - CSS

(3)

Class Hours: 54 Lecture*Advisory(s):* CIS 002, ENG-101B and MATH 101*Transfers to:* CSU

Internet Programming - CSS

CIS 002B is an introductory course using Cascading style Sheets (CSS). CSS are an addition to Hyper Text Markup Language (HTML). CSS allows web pages designers to expand their ability to control a web page. CSS allows for the nesting of key page elements to allow page designers to achieve a consistent look and feel throughout a web site. This course builds upon the knowledge and experience students have gained from taking CIS Internet programming HTML/CSS.

CIS 002C Internet Programming Scripting

(3)

Class Hours: 54 Lecture*Advisory(s):* CIS 002, ENG 105B, and MATH 101*Transfers to:* UC/CSU

Internet Programming- Script Languages

CIS 002C is an introductory course in the scripting languages that are used for the creation of web pages. HTML/CSS documents alone create web pages that are static, but with scripting languages, web pages can be dynamic and interactive. This course teaches students how to incorporate various scripting languages in HTML/CSS documents. Students will learn the basic syntax for scripting, as well as how to use objects and eventhandlers to interact with users. Additional topics may include how to respond dynamically to user actions and cross-frame communication. (AA/AS, CSU, UC)

CIS 002D Intro to Programming Concepts

(3)

Class Hours: 54 Lecture*Advisory(s):* CIS 002, ENG 101B, and MATH 101*Transfers to:* UC/CSU

Intro to Programming Concepts & Methodolog

CIS 002D Introduction to Programming Concepts and Methodologies - JAVA is a nine-week introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. CIS 002D introduces students to the Java programming language. Good programming practices will be emphasized, including structures and object-oriented techniques.

CIS 002E Web Design & Interactive Media

(3)

Class Hours: 54 Lecture*Advisory(s):* CIS 002, ENG 101B, and MATH 101*Transfers to:* CSU

Web Design & Interactive Media

CIS 002E is designed to teach the mechanics and fundamental design techniques for creating interactive web pages. This course gives the students experience with developing animated web graphics and interactive interfaces, which are developed through the use of industry standard software such as Flash. Interactive design fundamentals such as graphics, text, symbols, the creation of animations, and basic interactivity are studied.

P/NP

CIS 002F Internet Server Side Scripting**(3)***Class Hours:* 54 Lecture

P/NP

Advisory(s): CIS 002, ENG 101B, and MATH 101*Transfers to:* UC/CSU

Internet Server Side Scripting

CIS 002F focuses on interactivity in websites, introducing both client-side interactivity (using JavaScript) and server-side interactivity (using PHP). Dynamic generation of web pages from database tables is also covered. Finally, the course examines the maintenance and management of large websites (including CSS and XML) and issues in web security and privacy.

CIS 002G Introduction to E-Commerce**(3)***Class Hours:* 54 Lecture

P/NP

Transfers to: CSU

Introduction to E-Commerce

CIS 002G examines the implications of constantly changing technology for business practices and how e-commerce will affect decision support mechanisms. Topics include the global, economic and societal impact of international information/communication infrastructures, business practices which are emerging due to enabling technology, the effective use of technologies to solve business problems, and an exploration of recent technological developments and their potential uses in business. Consideration will be given to ethical concerns including privacy issues.

CIS 002H Internet Graphics**(3)***Class Hours:* 54 Lecture

P/NP

Advisory(s): ENG 101B and MATH 101*Transfers to:* CSU

Internet Graphics

CIS 002H introduces students to the creation and manipulation of digital images through Photoshop retouching and image editing program. The course introduces basic principles of photographic composition and design, with an eye to the capabilities of digital photography. Participants will explore Photoshop's extensive toolbox and learn the fundamentals of image scanning, transformation and conversion; how to apply filters and make color correction; and how to prepare files for export and printing. With the addition of text, students may construct simple to advanced graphic intended for use on the Web. Frequent critiques reinforce the principles of effective design and foster creativity.

CIS 003 Web Development**(3)***Class Hours:* 54 Lecture*Advisory(s):* CIS 16, ENG 101B and MATH 101*Transfers to:* CSU

Web Development

CIS 003 is the capstone course for the Web Developer AA degree it emphasizes work on a substantial project. The intent of this course is to provide a capstone experience that integrates the material contained in required courses of the Web Development major. It also provides an opportunity for students to recognize and evaluate the interrelationship of their general education courses with the courses taken for their Web Development major. The Capstone will include discussion about professional and ethical issues related to the discipline of Web Development. Students will also culminate their experiences by taking an in-depth look into the evolution of the emerging discipline of Web Development. This course presents introductions to many of the basic concepts, issues and techniques related to designing, developing and deploying Web sites. During the course, students will learn about Web design, HTML, XHTML, basic JavaScript, Dynamic HTML, and Cascading Style Sheets (CSS).

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- CIS 005A Info & Comm Tech Essentials (4)**
Class Hours: 72 Lecture
Transfers to: CSU
Info & Communication Tech Essentials
CIS 005A provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level Information and Communication Technologies (ICT) professionals. The fundamentals of computer hardware and software as well as advanced concepts, such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for CompTIAs A+ certification with specialization in the areas of hardware and operating systems.
- CIS 005B Computer Network Fundamentals (3)**
Class Hours: 54 Lecture
Transfers to: CSU
Computer Network Fundamentals
CIS 005B introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP (Internet Protocol) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for further study of computer networks. It uses the OSI (Open Systems Interconnection) and TCP (Transmission Control Protocol) layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. This course prepares students the take the CompTIA Network+ certification exam.
- CIS 005C Routing & Switching Essentials (3)**
Class Hours: 54 Lecture
Transfers to: CSU
Routing & Switching Essentials
CIS 005C describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. This course will help prepare students for the CompTIA Network+ certification exam.
- CIS 005D System & Network Administratio (3)**
Class Hours: 54 Lecture
Transfers to: CSU
System & Network Administration
CIS 005D will provide students with the knowledge and skills required to build, maintain, troubleshoot, and support server hardware and software technologies. Students will be able to identify environmental issues; understand and comply with disaster recovery and physical / software security procedures; become familiar with industry terminology and concepts; understand server roles / specializations and interaction within the overall computing environment. This course will prepare students for the current version of CompTIA Server+ certification exam.
- CIS 005E Intro to Inf System Security (3)**
Class Hours: 54 Lecture
Transfers to: CSU
Intro to Inf System Security
CIS 005E course provides the latest security tips and techniques on Internet and computer security best practices. Topics include: important privacy legislation, case studies of infamous hackers, how to develop an effective security system, selection of IT security products, firewall benefits and limitations, intruder detection, correct ways to configure your computer, browser settings, virus settings, operating system vulnerabilities, strong password techniques, parasite detection, and encryption techniques. This course maps to CompTIA certification.
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CIS 005F Intro to Information Assurance (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Intro to Information Assurance

CIS 005F introduces the network security specialist to the various methodologies for attacking a network. Students will be introduced to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course will emphasize network attack methodologies with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students will receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students will experience a hands-on practical approach to penetration testing measures and ethical hacking. This course will help prepare students for the CompTIA Network+ certification exam.

CIS 005G Computer Forensics Fundamental (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Computer Forensics Fundamentals

CIS 005G is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operation systems boot processes and disk structures tools. This course will help prepare students for the CompTIA certification exam.

CIS 005H Operating Systems - Linux (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Operating Systems - Linux

CIS 005H covers the basics of the UNIX and Linux operating systems, which includes UNIX shell scripting. UNIX and Linux Operating System Fundamentals course begins with a brief history and overview of both UNIX and Linux, and then proceeds to teach the skills required for working on a server running either operating system. Hands-on exercises are used to reinforce key concepts and are completed by logging in on a real server on the internet from work or home.

CIS 007 Computer Concepts (3)*Class Hours:* 36 Lecture | 54 Laboratory*Transfers to:* UC/CSU*C-ID:* BUS 140

(3)

P/NP

Computer Concepts

CIS 007 is an examination of information systems and their role in business. The course focuses on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware and software components. The course includes application of these concepts and methods through hands-on projects developing computer-based solutions to business problems. C

CIS 008 Microcomputer Operating Enviro (1)*Class Hours:* 9 Lecture | 27 Laboratory*Transfers to:* CSU

(1)

P/NP

Microcomputer Operating Environment

CIS 008 provides an overview of the Windows operating system on microcomputers including interface, using programs, working with disks and files, customizing the desktop, creating shortcuts, and changing the way Windows looks and sounds.

CIS 015X Occupational Work Experience

(1 - 8)

Class Hours: Work Experience*Transfers to:* CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

CIS 019B Database Creation & Management

(3)

Class Hours: 36 Lecture | 54 Laboratory

P/NP

Transfers to: CSU

Database Creation & Management

CIS 019B will teach the student to use a database program on a microcomputer. Students will learn database creation, report generation, updating, editing, and form structure and use.

CIS 021 Desktop Publishing

(3)

Class Hours: 36 Lecture | 54 Laboratory

P/NP

Advisory(s): BUS 013A and BUS 013B*Transfers to:* CSU

Desktop Publishing

CIS 021 teaches the students the application of common sense design techniques used in the production of reports, presentation material, newsletters, forms, manuals, catalogs, advertising materials, and books. Knowledge of word processing techniques and the use of a mouse is highly suggested.

CIS 034 Introduction to Spreadsheets

(3)

Class Hours: 54 Lecture*Advisory(s):* MATH 101*Transfers to:* CSU

Introduction to Spreadsheets

CIS 034 is an introduction to microcomputer spreadsheets using Microsoft Excel. Primary emphasis will be on the use of the command structure and operation. Topics covered will include spreadsheets design and format, graphs and database functions.

CIS 035 Advanced Spreadsheets

(3)

Class Hours: 54 Lecture

P/NP

Prerequisite(s): CIS 34 or CIS 34A/B*Transfers to:* CSU

Advanced Spreadsheets

CIS 035 is an advanced spreadsheet course using Microsoft Excel. Primary emphasis will be on the use of the program's advanced features, such as file management, multiple worksheets, data tables and scenario management, and application development with macros using Visual Basic. Students should have a firm understanding of Microsoft Excel prior to taking this course.

CIS 042 System Analysis and Design (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

System Analysis and Design

CIS 042 presents a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages.

Culinary (CUL)**CUL 002 Food & Wine Pairing (3)***Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* CUL 050*Transfers to:* CSU

Food & Wine Pairing

CUL 002 provides students with a clear understanding of the direct and interacting effects of food and wine elements. It presents how these characteristics counteract and complement each other. Students will develop the skills necessary to identify the key elements in food or wine that directly impact matching of food and wine based on contrast or similarities. They will then be able to predict excellent food and wine pairings.

CUL 006 Culinary Excursions (1)*Class Hours:* 9 Lecture | 27 Laboratory*Advisory(s):* CUL-050*Transfers to:* CSU

Culinary Excursions

CUL 006 allows students to visit, observe, and study various and specific operations of multi-unit and single-unit enterprises in metropolitan and rural areas. They will study in-depth management structures and personnel policies and guidelines. Techniques to analyze management and preparation methods, as well as their benefits and shortcomings will be examined. Students will then be able to create recommendations for operation of a successful and fluid enterprise.

CUL 050 Safety and Sanitation (1)*Class Hours:* 18 Lecture

Safety and Sanitation

CUL 050 covers sanitation and safety principles and practices for food service professionals. This course will provide ServSafe certification from the National Restaurant Association, recognized in the state of California.

CUL 051 Restaurant Math (1)*Class Hours:* 18 Lecture*Advisory(s):* CUL 050

Restaurant Math

CUL 002 provides students with a clear understanding of the direct and interacting effects of food and wine elements. It presents how these characteristics counteract and complement each other. Students will develop the skills necessary to identify the key elements in food or wine that directly impact matching of food and wine based on contrast or similarities. They will then be able to predict excellent food and wine pairings.

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- CUL 052 Intro to Commercial Baking (3)**
Class Hours: 18 Lecture | 108 Laboratory
Advisory(s): CUL 050
Introduction to Commercial Baking
CUL 052 covers tools, terms and functions in preparation of baked goods: yeast breads and pastries, cookies, cakes and specialty items. Field trips may be required.
- CUL 053 Advanced Commercial Baking (3)**
Class Hours: 36 Lecture | 54 Laboratory
Advisory(s): CUL 050
Advanced Commercial Baking
CUL 053 covers formulas used in commercial pastry shops, cake decorations, marzipan, chocolate work, p#te # choux, and specialty items. Field trips may be required.
- CUL 054 Hospitality Laws and Regulatio (2)**
Class Hours: 36 Lecture
Advisory(s): CUL 050
Hospitality Laws and Regulations
CUL 054 is the study of legal issues in relation to commercial food service and lodging with a national, state and local in scope. Using both the case method and specific statutes, this class introduces student to general concepts including the types of law, the nature of agreements and the judicial systems , as well as regulatory agencies and the particular laws they enforce in the hospitality field.
- CUL 055 Intro to Commercial Food Prep (3)**
Class Hours: 27 Lecture | 81 Laboratory
Advisory(s): CUL 050
Intro to Commercial Food Preparation
CUL 055 is an initial culinary training for chefs. Topics covered include an introduction to safe, sanitary, and efficient food production procedures, orientation and training on equipment, hand tools, and foods, as well as application of nutritional concepts. Food inventory management and traditional and computer-aided recipe writing/costing, adapting to professional standards regarding uniforms, dependability, teamwork, and quality performance will be emphasized.
- CUL 056 Garde Managers (1)**
Class Hours: 9 Lecture | 27 Laboratory
Advisory(s): CUL 050
Garde Managers
CUL 056 involves the study of cold food preparation which include vegetable and fruit carvings, appetizers hors d'oeuvre, canapes, sauces, salads, force meats, pates, tray presentations, table setups, room setups and food show competition.
- CUL 057 Beverage Management (3)**
Class Hours: 36 Lecture | 54 Laboratory
Advisory(s): CUL 050
Beverage Management
CUL 057 studies all aspects of beverage management including federal, state, and local regulations, mixology, background, and future of the beverage industry. Students under 21 will do special assignments rather than labs. Field trips may be required.
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- CUL 058 Intro to Dining Rm Ser Mgmt. (2)**
Class Hours: 9 Lecture | 81 Laboratory
Advisory(s): CUL 050
 Intro to Dining Room Service & Mgmt.
 CUL 058 covers the operation of a restaurant, dining, and related service support staff. Topics covered include how to hire, train, motivate, schedule, and assign jobs to a wait staff. Cost controls for labor and supplies will be covered as well as quality assurance and productivity standards.
- CUL 059 Intro to Hospitality Careers & (3)**
Class Hours: 54 Lecture
Advisory(s): CUL 050
 Intro to Hospitality Careers & Human Rel
 CUL 059 is an introduction to the hospitality industry comprising lodging, food and beverage services, and tourism with a focus on career opportunities. Human relations management in the hospitality industry, individual goal-setting, and career planning are emphasized.
- CUL 060 Nutrition for Chefs (1)**
Class Hours: 18 Lecture
Advisory(s): CUL 050
 Nutrition for Chefs
 CUL 060 teaches techniques of healthy cooking for the professional chef. Fresh ingredients, reduced fat and salt, cooking methods and tools, plus shorter cooking times, are brought together to provide satisfying dining with fewer calories, cholesterol, and sodium, while retaining nutritional value of the food.
- CUL 061 Kitchen Management (3)**
Class Hours: 54 Lecture
 Kitchen Management
 CUL 061 Kitchen Management students, will develop skills used to manage a commercial kitchen along with an online aspect that will accredit students in receiving their CA Food Handlers' Card, Food Managers certification through Prometric and AHLEI Gold Star as a Certified Guest Service Professional. Students will learn to base production plans on sales forecasts, staff kitchen accordingly, and establish policies, standards, and procedures. Students will develop the skills to manage staff issues, facility/equipment maintenance and kitchen cleanliness, along with the basic concepts from the uniform system of accounts for restaurants relation to kitchen operations and kitchen layouts.
- CUL 064 Restaurant Desserts (3)**
Class Hours: 27 Lecture | 81 Laboratory
Advisory(s): CUL 050
 Restaurant Desserts
 CUL 064 teaches the production and presentation of classical and contemporary restaurant desserts. Students will learn a practical study of the restaurant pastry chef's special vendors, equipment, supplies, foods, process and techniques used to produce a wide variety of desserts.
- CUL 065 Dining Rm. SERVICE & Mgmt II (3)**
Class Hours: 27 Lecture | 81 Laboratory
Advisory(s): CUL 050
 Dining Rm. SERVICE & Management II
 CUL 065 teaches advanced service techniques, table setting, and dining room etiquette. Emphasis is on elegance, showmanship, developing the fine points of service, understanding wine and food compatibilities, building sales, managing the dining room with reservation systems, proper staffing, and hosting.
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Education (EDUC)

EDUC 001 Introduction to Teaching (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: EDUC 200

Introduction to Teaching

EDUC 001 introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher.

EDUC 005 Critical Think. in the Classrm (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Advisory(s): EDUC 001

Transfers to: CSU

Critical Thinking in the Classroom

EDUC 005 is a critical thinking class intended for students who are considering teaching as a profession. Principles and methods of critical thinking such as identifying arguments, developing reasoning skills, and identifying common fallacies are blended with applications of these concepts into a K-12 classroom environment.

EDUC 015X Educational Work Experience (1 - 8)

Class Hours: Lecture

Transfers to: CSU

Educational Work Experience

EDUC 015X Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well educated individuals develop most effectively through an educational plan that incorporates work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Educational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit of credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Educational Work Experience credits are counted as electives toward an Associate of Arts (AA) degree at West Hills College and are transferable to four year universities (for specific transfer eligibility, please contact an advisor).

Electronics Technology (ELET)

ELET 001 Basic Electronics (dc) (3)

Class Hours: 36 Lecture | 54 Laboratory

Advisory(s): ENG 051A and MATH 061 (Recommended, Previous or concurrent).

Transfers to: CSU

Basic Electronics (dc)

ELET 001 is an introduction to electricity and electronics including basic components, electronic circuit calculations, basic electronic test equipment use, electrical measurement, relays and ladder diagrams, direct current (DC) circuits, and electronic schematic diagrams.

ELET 002 Electronic Circuits (4)

Class Hours: 54 Lecture | 54 Laboratory

Prerequisite(s): ELET 001

Transfers to: CSU

Electronic Circuits

ELET 002 is an application of analog and digital electronic circuits and systems. Content includes: semiconductor components, analog circuits (power supplies, amplifiers, and oscillators), digital electronic circuits (logic gates, sequential logic circuits), and digital signal processing (A/D and D/A conversion).

ELET 003 Programmable Logic Controllers (3)

Class Hours: 36 Lecture | 54 Laboratory

Transfers to: CSU

Programmable Logic Controllers

ELET 003 is an introduction to the function and application of programmable logic controllers. Students will become familiar with the programming and wiring of programmable logic controllers and software. Topics include bit-level input and output instructions, timers, counters, latches, documentations, and troubleshooting.

ELET 004 Comp Integrated Manufacturing (3)

Class Hours: 36 Lecture | 54 Laboratory

Prerequisite(s): ELET 003

Transfers to: CSU

Computer Integrated Manufacturing

ELET 004 is an introduction to industrial automation technologies and the procedures utilized when troubleshooting automated control systems. Topics include programmable logic controllers (PLC), machine control, industrial robots, barcode readers, material handling systems, and Ethernet communications.

ELET 005 Inst & Process Control (3)

Class Hours: 36 Lecture | 54 Laboratory

Prerequisite(s): ELET 003

Transfers to: CSU

Instrumentation and Process Control

ELET 005 is an introduction to instrumentation and process control principles: transducers, actuators, sensors, computer interface software, terminologies, standards and trends in control technologies, piping and instrument diagrams and tags, PLC principles for PID control, and basic control algorithms.

ELET 006 Electric Motors & Controls (4)
Class Hours: 54 Lecture | 54 Laboratory
Prerequisite(s): ELET 001
Transfers to: CSU

Electric Motors & Controls

ELET 006 is an introduction to the basic principles, applications, and configuration of direct current and alternating current machines, motor starters, programmable, solid state, and electromechanical motor controllers/drives, input devices, relays, pilot devices, and other industrial electronics components and circuitry.

ELET 007 Advprogrammable Logic Control (3)
Class Hours: 36 Lecture | 54 Laboratory
Prerequisite(s): ELET 003
Transfers to: CSU

Advanced Programmable Logic Control

ELET 007 is an expansion to the function and application of programmable logic controllers. Students will become familiar with the programming of Allen Bradley Control Logix series controllers with RSLogix 5000 software, providing all of the basics of using the Rockwell Automations Control Logix platform of PLCs.

Emergency Medical Training (EMT)

EMT 010 Paramedic I (12)
Class Hours: 216 Lecture
Prerequisite(s): BIO 32, BIO 035, and EMT 001
Corequisite(s): EMT 011 and EMT 051 (Required, Previous or concurrent).
Advisory(s): MATH 063
Advisory(s): Minimum age 18 years of age, live scan background clearance, health screen clearance, current BLS Healthcare Provider card throughout the program (Recommended, Previous or concurrent).
Transfers to: CSU

Paramedic I

EMT 010 paramedic I introduces the student to the roles and responsibilities of the Paramedic within the EMS system, apply basic concepts of development, pathophysiology, patient assessment, medication administration, airway and ventilation concepts, the pulmonary, cardiac, neurological, and endocrine systems to be able to formulate a "field impression" of patient status.

EMT 011 Paramedic I Lab (1.5)
Class Hours: 81 Laboratory
Prerequisite(s): BIO 032, BIO 035, EMT 001, ENG 051A or ENG 001A
Corequisite(s): EMT-011, EMT 051 (Required, Previous or concurrent).
Advisory(s): MATH 063, minimum age 18 years of age, Live scan background clearance, Health screen clearance, Current BLS Healthcare Provider card. (Recommended, Previous or concurrent).
Transfers to: CSU

Paramedic I Lab

EMT 011 course is the corequisite for Paramedic I and occurs in the skills lab or simulation lab. The student will practice and master skills that will allow the student to meet the clinical performance objectives of the program. Competency testing is the focus of this course and will include physical assessment, medication administration, IV skills, and airway maintenance including intubation.

EMT 012 Advanced Paramedic II (11.5)

Class Hours: 207 Lecture

Prerequisite(s): EMT 010, EMT 011, EMT 051

Corequisite(s): EMT 013

Advisory(s): MATH 063, Live scan background (Recommended, Previous or concurrent).

Transfers to: CSU

Advanced Paramedic II

EMT 012 this theory course is the application of theory and skills in a wide variety of sick and injured clients in the pre-hospital setting. This course covers care of medical patients, trauma patients, special populations including obstetrical, pediatric, geriatric and mental health patients. This course is part of a program of study to prepare paramedics as described in California Code of Regulations, Title 22, Division 9, Chapter 4 and lists the required hours and subjects to be covered as set forth by the Department of Transportation curriculum.

EMT 013 Advanced Paramedi II Lab (1.5)

Class Hours: 81 Laboratory

Prerequisite(s): EMT 010, EMT 011, EMT 051

Corequisite(s): EMT 012

Advisory(s): MATH 063

Advisory(s): MATH 063, Live scan background clearance, and health screening (Recommended, Previous or concurrent).

Transfers to: CSU

Advanced Paramedi II Lab

EMT 013 this course is the co requisite for Paramedic II and occurs in the skills lab or simulation lab. The student will practice and master skills that will allow the student to meet the clinical performance objectives of the program. Practice and competency testing is the focus of this course and will include physical assessment, care of the medical patient, special populations' needs, trauma management , communication with EMS base station and medical director, implementing safety precautions for hazardous materials exposure and manage the scene of an emergency.

EMT 014 Acute Clinical Lab (3)

Class Hours: 162 Laboratory

Prerequisite(s): EMT 010, EMT 011, EMT 051, EMT 012, EMT 013,

Advisory(s): Live scan background clearing, health screen (Recommended, Previous or concurrent).

Transfers to: CSU

Acute Clinical Lab

EMT 014 occurs in the acute care hospital setting in a preceptor format. It is the hands-on application of theory and skills in a hospital setting to a wide variety of sick and injured clients. This course follows the national standards of Emergency Medical Services (EMS) education for paramedics as described in California Code of Regulations (Title 22, Division 9, Chapter 4) and the Department of Transportation.

EMT 015 Paramedic Field Experience (9)*Class Hours:* 486 Laboratory*Prerequisite(s):* EMT 010, EMT 011, EMT 051, EMT 012, EMT 013, EMT 014*Advisory(s):* Live scan background clearance health screening (Recommended, Previous or concurrent).*Transfers to:* CSU**Paramedic Field Experience**

EMT 015 this course is the final course in the paramedic program and occurs completely in the field under the direct supervision of a certified pre-arranged paramedic preceptor. It assists the student in developing and refining skills. A wide variety of client activities are taught, including: medical histories, physical examination, client management, triage, trauma care and supportive care of the sick or injured in a field setting. This course is part of a program of study to prepare paramedics as described in California Code of Regulations, Title 22, Division 9, Chapter 4 and lists the required hours and subjects to be covered as set forth by the Department of Transportation curriculum.

EMT 015X Occupational Work Experience E (1 - 8)*Class Hours:* Lecture*Transfers to:* CSU**Occupational Work Experience Education**

EMT 015X is a cooperative Work Experience Education (CWEE) course which develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporates work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment, which is intended to assist students in acquiring desirable work habits, attitudes and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit of credit is awarded. For every 60 hours of volunteer work completed with the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore, and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

EMT 050 Emergency Medical Technician (6.5)*Class Hours:* 90 Lecture | 81 Laboratory

P/NP

Prerequisite(s): Current certification in American Heart Association Basic Life Support for Healthcare Providers (CPR certification)**Emergency Medical Technician**

EMT 050 prepares the student for certification as a Nationally Registered EMT and subsequent state certification. Instruction includes topics pertaining to emergency medical care in the pre-hospital setting. This is in accordance with the content of an EMT course and shall meet the objectives contained in the U.S. Department of Transportation (DOT) National EMS Education Standards (DOT HS 811 077A, January 2009), California Code of Regulations Title 22 (Social Security) Division 9 (Prehospital Emergency Medical Services) Chapter 2 (Emergency Medical Technician), and Local EMS policies, procedures and protocols. Successful completion of this course will prepare the student for the National Registry of EMT's certification exam. As part of the course, the student requires at least twenty-four (24) hours of supervised instruction on an operational emergency ambulance. This course will occasionally meet at off campus locations and the student will be responsible for arranging his/her own transportation to those locations. Once certified, this will allow the student to work on an ambulance, fire apparatus, or in a hospital emergency department.

EMT 051 Advanced Cardiac Life Support (0.5)*Class Hours:* 4.5 Lecture | 13.5 Laboratory*Advisory(s):* Current BLS Healthcare Provider certification (Recommended, Previous or concurrent).**Advanced Cardiac Life Support**

EMT 051 this course will provide a review of basic cardiology, pharmacology and EKG interpretation used in Advanced Cardiac Life Support. This course is part of a program of study to prepare paramedics as described in California Code of Regulations, Title 22, Division 9, Chapter 4 and lists the required hours and subjects to be covered as set forth by the Department of Transportation curriculum, but is open to qualified healthcare providers for ACLS recertification.

EMT 052 Anatomy and Physio for EMS (3)*Class Hours:* 45 Lecture | 27 Laboratory*Advisory(s):* ENG 001A, MATH 063**Anatomy and Physiology for EMS**

EMT 052 is a lecture-based course designed to introduce the healthcare provider student to the structure and function of the human body. At the end of the course, the student should be able to identify cells, tissues, organs, and organ systems along with their respective functions. Successful completion of this course may satisfy the requirement for entrance into West Hills College Lemoore paramedic program. This course is not transferable and does not satisfy the prerequisites for many of the allied health courses.

EMT 055 Emergency Medical Responder/Fi (1.25)*Class Hours:* 18 Lecture | 13.5 Laboratory

P/NP

Emergency Medical Responder/First Respon

EMT 055 is designed to enhance the education of any pre-EMT student, firefighter, peace officer, and lifeguard. The title of First Responder is currently transitioning to Emergency Medical Responder. This course exceeds the minimum requirements set by the California Code of Regulations, Title 22. Social Security, Division 9. Pre-hospital Emergency Medical Services and the U.S. Department of Transportation (US DOT) National Emergency Medical Services (EMS) Education Standards (with related Instructional Guidelines) and National Standard Curricula (NSC). This course is also an advisory course for any pre-EMT student and will facilitate a smooth transition into the EMT course (EMT-001).

EMT 056 Emergency Medical Tech Refresh (1.25)*Class Hours:* 18 Lecture | 13.5 Laboratory

P/NP

Emergency Medical Technician Refresh

EMT 056 prepares the student for recertification as a Nationally Registered EMT and subsequent state recertification. Instruction includes topics pertaining to emergency medical care in the pre-hospital setting. This is in accordance with the content of an EMT course and shall meet the objectives contained in the U.S. Department of Transportation (DOT) EMT-Basic Refresher National Standard Curriculum, DOT HS 808 624, September 1996, California Code of Regulations Title 22 (Social Security) Division 9 (Prehospital Emergency Medical Services) Chapter 2 (Emergency Medical Technician), and Local EMS policies, procedures and protocols. Successful completion of this course will prepare the student for the National Registry of EMT's recertification requirement. As part of the course, the student will be able to complete the state required skills verification. Once recertified, this will allow the student to work on an ambulance, fire apparatus, or in a hospital emergency department.

Engineering (ENGR)

ENGR 010 Introduction to Engineering (1)

Class Hours: 18 Lecture

Advisory(s): MATH 063

Transfers to: UC/CSU

Introduction to Engineering

ENGR 010 is an introduction to the fields of engineering, courses of study, major disciplines and career opportunities, resources for engineering students, engineering design and analysis, ethics in engineering, engineering case studies and technical communication skills. Individual and group work; oral and written presentations.

ENGR 015 Engineering Computations (3)

Class Hours: 36 Lecture | 54 Laboratory

Corequisite(s): MATH 001A (Required, Previous or concurrent).

Transfers to: UC/CSU

Engineering Computations

ENGR 015 is an introductory computer programming course for engineers focusing on the C programming language and the UNIX programming environment; operators, standard I/O functions, strings, pointers and arrays, data types and storage classes.

ENGR 020 Engineering Graphics (3)

Class Hours: 36 Lecture | 54 Laboratory

Prerequisite(s): MATH 015

Transfers to: UC/CSU

Engineering Graphics

ENGR 020 covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course.

ENGR 025 Electrical Circuits (3)

Class Hours: 54 Lecture

Prerequisite(s): PHYSICS 004B, MATH 001B

Transfers to: UC/CSU

Electrical Circuits

ENGR 025 is the study of fundamental principles of electrical circuits including direct current circuit analysis, AC transient and steady-state circuit analysis, Ohm's law, Kirchoff's laws, nodal methods of circuit analysis, capacitors and inductors, phasors and polyphase circuits.

ENGR 031 Engineering Materials (3)

Class Hours: 54 Lecture

Prerequisite(s): CHEM 001A, PHYSICS 004A

Transfers to: UC/CSU

Engineering Materials

ENGR 031 is the study of the structure of matter and its effect on the mechanical, electrical, magnetic, and thermal properties of materials including metals, polymers, ceramics, composites, and electronic materials. The structure of matter includes atomic bonding, crystal structure, defects, thermodynamics and kinetics. The course provides an integrated study of the structure, processing, properties and performance of materials and their implications in the context of engineering materials.

ENGR 035 **Vector Statics****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* PHYSICS 4A*Corequisite(s):* MATH 002A (Required, Previous or concurrent).*Transfers to:* UC/CSU

Vector Statics

ENGR 035 is the study of vector algebra and the statics of particle equivalent systems of force for rigid bodies, distributed forces and centroids and centers of gravity, analysis of structures, including trusses, inertia, and the method of virtual work.

English (ENG)

ENG 001A **Composition and Reading****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A (Required, Previous or concurrent).*Transfers to:* UC/CSU*C-ID:* ENGL 100

Composition and Reading

ENG 001A is a transfer-level theory and practice in reading and composition. The reading and writing include exposition and argumentation in rhetorical patterns such as narration, description, comparison/contrast, etc., or combination of such patterns. At least one written research project is included-one ten- page term paper or two five-page research papers- to provide training in bibliographical techniques and the use of library facilities.

ENG 001B **Literature/Crit Think&writing****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 001A*Transfers to:* UC/CSU*C-ID:* ENGL 120

Literature/ Critical Thinking & Writing

ENG 001B is designed to develop reading, critical thinking, and writing skills beyond the level achieved in English 1A. It will develop critical thinking skills in response to literature.

ENG 002 **Introduction to Literature****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 001A*Transfers to:* UC/CSU*C-ID:* ENGL 120

Introduction to Literature

ENG 002 introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical and aesthetic qualities of literature.

ENG 003 **Argumentative Writ & Crit Thin****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 001A*Transfers to:* UC/CSU*C-ID:* ENGL 105

Argumentative Writ & Crit Thinking

ENG 003 offers instruction in argumentation and critical writing, critical thinking, analytical evaluation of primarily non-fiction texts, research strategies, information literacy, and proper documentation.

- ENG 004 World Literature (3)**
Class Hours: 54 Lecture
Prerequisite(s): ENG 001A
Advisory(s): ENG 051A
Transfers to: UC/CSU
C-ID: ENGL 145

World Literature

ENG 004 is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from the mid or late seventeenth century to the present. Special attention is given to critical thinking and writing within a framework of cultural diversity as well as comparative and interdisciplinary analysis. A goal of the course is to promote an understanding of the works in their cultural, historical, and political contexts and of the enduring human values that unite the different literary traditions.

- ENG 005 American Literature (3)**
Class Hours: 54 Lecture
Prerequisite(s): ENG 001A
Advisory(s): ENG 002 (Recommended, Previous or concurrent).
Transfers to: UC/CSU
C-ID: ENGL 135

American Literature

ENG 005 introduces students to a wide range of American authors and their relationship to major literacy and intellectual movements from the second half of the nineteenth century to the present.

- ENG 025 Intro to Creative Writing (3)**
Class Hours: 54 Lecture
Take ENG-51A:
Transfers to: UC/CSU
C-ID: ENGL 200

Introduction to Creative Writing

ENG 025 provides theory and practice in the writing of different genres, such as poetry, fiction, and creative nonfiction. Through the study and analysis of the works of established and peer writers, students will gain experience in different genres. Students will practice writing in various genres and will be introduced to the workshop method.

- ENG 051A Intro. to Communication Skills (3)**
Class Hours: 54 Lecture
Corequisite(s): ENG 001A (Recommended, Previous or concurrent).

Introduction to Communication Skills

ENG 051A aids students in developing the necessary skills and experiences to make them effective readers, writers, and speakers. The course provides practice in reading, in writing essays of 750 words or more, and in verbal communication.

- ENG 070 Adaptive Reading (0.5 - 1)**
Class Hours: 54 Laboratory P/NP

Adaptive Reading

ENG 070 is designed primarily for students with learning disabilities. The content of the class relates primarily to the fundamentals of reading and related language arts. Students work toward individualized and group instructional objectives. Reading will be taught in the context of other language and life skills. May be repeated as many times as necessary to achieve course objectives.

English As a Second Language (ESL)

ESL 100 Intro to College Reading & Wri (4)

Class Hours: 72 Lecture

Intro to College Reading & Writing

ESL 100 is an introduction to the development of college-level reading, writing, and related skills with an emphasis in English language comprehension. Students will focus on the connections with reading writing, and speaking English in an academic setting. This course requires a minimum score on the English Placement Exam, and it is the equivalent of ENG 100 as preparation for ENG 51A.

Foreign Language Spanish (FLSPN)

FLSPN 001 Intro Span for Non-Native Spea (4)

Class Hours: 72 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: SPAN 100

P/NP

Introductory Span for Non-Native Speake

FLSPN 001 is an introductory course that teaches beginning language acquisition in a cultural context through listening, speaking, reading and writing. The students will interact with authentic language in cultural context.

FLSPN 002 Elem Spanish for Non-Native Sp (4)

Class Hours: 72 Lecture

Prerequisite(s): FLSPN 001

Advisory(s): One year of high school Spanish (Recommended, Previous or concurrent).

Transfers to: UC/CSU

C-ID: SPAN 110

P/NP

Elementary Spanish for Non-Native Speake

FLSPN 002 continues to teach language acquisition in a cultural context through listening, speaking, reading and writing at the second semester level. The students will continue to interact with authentic language in cultural context.

FLSPN 003 Intermediate Spanish (4)

Class Hours: 72 Lecture

Prerequisite(s): FLSPN 002

Advisory(s): Two years of high school Spanish (Recommended, Previous or concurrent).

Transfers to: UC/CSU

C-ID: SPAN 200

P/NP

Intermediate Spanish

FLSPN 003 teaches culture and facilitates language acquisition through listening, speaking, reading and writing. Students will continue to interact with authentic language in context. Content is expanded beyond "survival" needs of the immediate environment in order to express personal meaning and to apply different strategies and techniques to go beyond casual conversation and express opinions, make suggestions on familiar topics, as well as some abstract issues and plans. Students demonstrate an increased awareness of cultural norms, values, and culturally relevant appropriate customs and events. Accuracy becomes quite high for high frequency structures and vocabulary but more complex discourse is still developing and requires a somewhat sympathetic listener or reader. Students will demonstrate the ability to think critically by analyzing linguistic structures and reflecting on and making cross-cultural comparisons. This course should be taught in Spanish.

FLSPN 004 Advanced Spanish**(4)**
P/NP*Class Hours:* 72 Lecture*Prerequisite(s):* FLSPN 003*Advisory(s):* Three years of high school Spanish (Recommended, Previous or concurrent).*Transfers to:* UC/CSU*C-ID:* SPAN 210**Advanced Spanish**

FLSPN 004 continues to expand upon culture and facilitate language acquisition through listening, speaking, reading and writing. Students will interact with more sophisticated authentic language in context. Content continues to expand in order to express more complex ideas in order to express personal meaning and to apply different strategies and techniques to go beyond casual conversation and express opinions, make suggestions on familiar topics, as well as some abstract issues and plans. Students demonstrate an increased awareness of cultural norms, values, and culturally relevant appropriate customs and events. Accuracy becomes quite high for high frequency structures and vocabulary but more complex discourse is still developing and requires a somewhat sympathetic listener or reader. Students will continue to demonstrate the ability to think critically by analyzing linguistic structures and reflecting on and making cross-cultural comparisons. This course should be taught in Spanish.

General Work Experience (WE)**WE 015XX General Work Experience****(1 - 6)***Class Hours:* Work Experience*Transfers to:* CSU**General Work Experience**

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporates work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. General Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness. The work experience need not be related to the students' educational goals. Students may earn up to 6 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit of credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. General Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor). General Work Experience may not be a payable class under VA benefits.

Geography (GEOG)**GEOG 001 Physical Geography****(4)***Class Hours:* 54 Lecture | 54 Laboratory*Advisory(s):* MATH 061*Transfers to:* UC/CSU*C-ID:* GEOG 115**Physical Geography**

GEOG 001 is a general introductory Physical Geography course. Focus is on the spatial relationships and interrelations of matter, energy and systems on or near the earth's surface. Class content will focus on geodesy, cartography, hydrology, geomorphology, meteorology, climatology, soil science, biogeography and their integrated patterns of world distribution. Intensive use is made of maps and field trips.

GEOG 002 **World Regional Geography** (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: GEOG 125/120

World Regional Geography

GEOG 002 is a survey of the world's cultural regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions will be identified, categorized, and evaluated.

GEOG 002A **World Regional Geography I** (3)

Class Hours: 54 Lecture

Advisory(s): ENG 51B

Transfers to: UC/CSU

World Regional Geography I

GEOG 002A is a systematic examination of four major world regions. Special emphasis is given to basic geographic concepts as they apply to physical, economic and human patterns. Geography 002A covers Europe, Russia and the former Soviet Republics, North America and South America. (This course is recommended for prospective or current elementary and secondary teachers).

GEOG 002B **World Regional Geography II** (3)

Class Hours: 54 Lecture

Advisory(s): ENG 51B

Transfers to: UC/CSU

World Regional Geography II

GEOG 002B is a systematic examination of five major world regions. Special emphasis is given to the basic geographic concepts as they apply to physical, economic and human patterns. Geography 002B covers North Africa and the Middle East, Asia, sub-Saharan Africa, Middle America and the Pacific. (This course is recommended for prospective or current elementary and secondary teachers).

GEOG 003 **Cultural Geography** (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: GEOG 120

Cultural Geography

GEOG 003 is an introductory course in the study of human geography. The course focuses on the spatial elements of culture, population distribution, settlement and land use patterns, technology, economics, race, language and cultural heritage. Included is some field work in the local area. (This course is recommended for students planning to teach).

GEOG 004 **Intro Geographic Information** (4)

Class Hours: 54 Lecture | 54 Laboratory

Transfers to: UC/CSU

C-ID: GEOG 155

Intro to Geog Info Syst & Tech W/Lab

GEOG 004 is the study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, geo-referencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS.

GEOG 010 **Los Angeles Urban Geography Fi** **(1)**
Class Hours: 2 Lecture | 46 Laboratory P/NP
Transfers to: CSU
C-ID: GEOG 160

Los Angeles Urban Geography Field Course

GEOG 010 is a one-unit Geography field course with a focus on the problems, physical and cultural patterns of America's second largest urban area. The emphasis is on topics such as the economy, transportation, recreation, the arts, housing, ethnic neighborhoods and other characteristics indigenous to the region. Physical and cultural processes, characteristics and landscapes will be observed and analyzed.

GEOG 011 **Death Valley Geog Field Course** **(1)**
Class Hours: 2 Lecture | 46 Laboratory P/NP
Transfers to: CSU
C-ID: GEOG 160

Death Valley Geography Field Course

GEOG 011 is a one-unit Geography field course with a focus on the Trans-Sierra region, specifically the Mojave Desert and Death Valley. Students will observe and analyze the physical and cultural patterns and process including landforms, weather, geology, biology, and history of the regions.

GEOG 012 **Grand Canyon Geog Field Course** **(1)**
Class Hours: 2 Lecture | 46 Laboratory P/NP
Transfers to: CSU
C-ID: GEOG 160

Grand Canyon Geography Field Course

GEOG 012 is a one-unit Geography field course with a focus on the Colorado Plateau, and the Grand Canyon regions. Students will observe and analyze the physical and cultural patterns and process including landforms, weather, geology, biology, and history of these regions.

GEOG 013 **San Francisco Urban Geog.Field** **(1)**
Class Hours: 2 Lecture | 46 Laboratory P/NP
Transfers to: CSU
C-ID: GEOG 160

San Francisco Urban Geography Field Cour

GEOG 013 is a one-unit Geography field course with a focus on the problems, physical and cultural patterns of California's second largest urban San Francisco. The emphasis is on topics such as the economy, transportation, recreation, the arts, housing, ethnic neighborhoods and other characteristics indigenous to the region. Physical and cultural processes, characteristics and landscapes will be observed and analyzed. (AA/AS, CSU)(C-ID GEOG 160)

GEOG 016 **Regional Field Studies** **(1)**
Class Hours: 3 Lecture | 45 Laboratory
Transfers to: CSU

Regional Field Studies

GEOG 016 provides the opportunity for students to conduct field studies of the geography of selected regions. Physical and cultural processes, characteristics and landscapes will be observed and analyzed. Specific content will vary by geographic region.

GEOG 018 **Geography of California** **(3)**

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: GEOG 140

Geography of California

GEOG 018 is a thematic approach to the California's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical and human landscapes that have evolved as a result of the human-environment interface.

GEOG 059 **Geography Field Experience** **(0.5 - 1)**

Class Hours: 2 Lecture | 46 Laboratory

P/NP

Geography Field Experience

GEOG 059 is a one-half unit Geography field course and is built around a series of three-day field trips. Examples include: Yosemite, Sequoia National Park, Red Rocks State Park, and the Central Coast of California. Students will observe and analyze the physical and cultural patterns and processes including landforms, weather, geology, biology, cultural, and historical regions.

Geology (GEOL)

GEOL 001 **Physical Geology With Lab** **(4)**

Class Hours: 54 Lecture | 54 Laboratory

Advisory(s): CHEM 002A, ENG 051A

Transfers to: UC/CSU

C-ID: GEOL 101

Physical Geology With Lab

GEOL 001 is an introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity.

GEOL 003 **Historical Geology** **(4)**

Class Hours: 54 Lecture | 54 Laboratory

Advisory(s): GEOL 001, PHYSICI 001

Transfers to: UC/CSU

C-ID: GEOL 111

Historical Geology

GEOL 003 is an introduction to Earth's history and the life it supports with a laboratory. Subjects include geologic dating, plate tectonics, stratigraphy, fossils, biological evolution, the planet's origin and the processes that have influenced paleogeography during the past 4.6 billion years.

Health Science (HS)

HS 005 Medical Terminology (3)

Class Hours: 54 Lecture

Transfers to: CSU

Medical Terminology

HS 005 is designed to give students an understanding of terminology used in the medical field. Students will learn to build medical terms by using prefixes, suffixes, roots and stems. Students will be taught to spell properly, pronounce medical terms and use common medical abbreviations.

HS 015X Occupational Work Experience (1 - 8)

Class Hours: Work Experience

Transfers to: CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

HS 051 Medical Assisting Back Office (9)

Class Hours: 126 Lecture | 108 Laboratory

Corequisite(s): HS 015X (Required, Previous or concurrent).

Advisory(s): HS 005, Healthcare Provider CPR card, negative TB screening, background clearance may be required by facilities (Recommended, Previous or concurrent).

Medical Assisting Back Office

HS 051 course consists of theory and clinical practice that will enable the student to acquire the skills necessary to function as a medical assistant in the back office of a healthcare provider or in a healthcare clinic. It also requires the student to enroll in at least 1 unit of CWEE courses, course HS 015X.

HS 052 Medical Assisting-Administrative (9)

Class Hours: 126 Lecture | 108 Laboratory

Corequisite(s): HS 015X (Required, Previous or concurrent).

Advisory(s): Healthcare provider CPR card, negative TB screening and background clearance may be required by facilities (Recommended, Previous or concurrent).

Medical Assisting -Administrative

HS 052 course consists of theory and clinical practice that will enable the student to build on computer skills and acquire the office skills necessary to function as an administrative medical assistant and/or receptionist in the front office of a healthcare provider or in a healthcare clinic.

HS 061 Nurse Assistant Training (6)*Class Hours:* 63 Lecture | 135 Laboratory*Advisory(s):* ENG 051A, students must be at least 17 year of age, physical exam clearance, negative TB screen, and negative criminal background (Recommended, Previous or concurrent).**Nurse Assistant Training**

HS 061 course is a class in compliance with the regulations of the California Department of Public Health. This course includes theory content, skills practice and delivery of care to acute patients and long term residents. This course meets on campus for both theory and skills lab and in healthcare facilities. Upon successful completion of the course, the student will be eligible to take the California Certified Nursing Assistant examination.

HS 090 Medical Mathematics (2)*Class Hours:* 36 Lecture*Advisory(s):* HS 005, MATH 101**Medical Mathematics**

HS 090 course focuses on the development of mathematical and analytical skills related to the delivery of drugs and solutions by registered nurses. Topics will include the calculation of oral medications, intravenous medications, intravenous drip rates, and injective medications. This course will prepare the student for entry into nursing school. Due to the nature of the course, students will be required to earn at least an 80% in order to pass.

History (HIST)**HIST 004A Western Civilization to 1700 (3)***Class Hours:* 54 Lecture*Transfers to:* UC/CSU*C-ID:* HIST 170**Western Civilization to 1700**

HIST 004A is a survey of the development of western and civilization to the Reformation.

HIST 004B Western Civilization From 1700 (3)*Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* HIST 180**Western Civilization From 1700**

HIST 004B is a survey of the development of western culture and civilization from absolutism to the present.

HIST 017A History of the U.S. 1492-1877 (3)*Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* HIST 130**History of the U.S. 1492-1877**

HIST 017A is a historical survey of the European colonization of North America and the United States through Reconstruction.

HIST 017B History of U.S. 1865-PRESENT

(3)

Class Hours: 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* HIST 140

History of the U.S. 1865-PRESENT

HIST 017B is a historical survey of the United States from the end of the Civil War to the present.

HIST 020 World History I

(3)

Class Hours: 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* HIST 150

World History I

HIST 020 is a survey of the development of world civilization to 1500.

HIST 021 World History II

(3)

Class Hours: 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* CSU*C-ID:* HIST 160

World History II

HIST 021 will examine the development of world civilizations since the Enlightenment. A comparative analysis of cultural, economic, geographic, political, religious, and social forces of world civilizations will be made.

HIST 032 Cultural History of the Chican

(3)

Class Hours: 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* UC/CSU

Cultural History of the Chican

History 032 will examine the social, political, and economic experiences of Mexicans living in the United States beginning with their Pre-Columbian heritage through the Spanish colonial era, the Treaty of Guadalupe-Hidalgo, the Great Depression, World War II, and the Civil Rights Movement. Emphasis will be on how these experiences have helped to shape the culture of Chicanos in the modern era. (AA/AS,CSU,UC)

HIST 034 Hist of African Americans in

(3)

Class Hours: 54 Lecture*Advisory(s):* ENG 001A*Transfers to:* UC/CSU

Hist of African Americans in the US

HIST 034 covers the experience of African Americans in the United States from the Colonial Period to the present day. Emphasis is placed on the experiences of African people in bondage, contributions of African Americans in industrialization, and the participation of African Americans in the quest for political, social, and economic equality in the United States.

P/NP

HIST 044 Women's Roles in U.S. History (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* UC/CSU

Women's Roles in United States History

HIST 044 examines the social, economic, and from the Pre-Columbian era through the Colonial period, Victorian period, and into the modern era. Contributions of women from various racial and ethnic backgrounds will be discussed.

Hotel Management (HM)**HM 010 Intro to Hotel Management (3)***Class Hours:* 54 Lecture*Advisory(s):* CUL-050*Transfers to:* CSU

Introduction to Hotel Management

HM 010 is designed provide an overview of hotel management functions, operational requirements, and procedures. This course will provide instruction in the development of the hotel industry, hotel structure, reservation process, forecasting room availability, managing guest services, guest arrival process, room rates, hotel revenue cycle, rooms management technology, and property management system interfaces.

HM 011 Hotel Design, Planning & Dev. (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Hotel Design, Planning and Development

HM 011 provides an overview of the considerations involved in the hotel design, planning and development process. This course will provide instruction in the development of the hotel industry, essential design elements, planning and development criteria, site selection and in-depth analysis of emerging trends within the industry.

HM 012 Hotel and Motel Mgmt. & Operat (3)*Class Hours:* 54 Lecture*Transfers to:* CSU

Hotel and Motel Management & Operations

HM 012 covers a broad range of thinking, research, and commentary concerning contemporary issues on the management of modern hotel and motel operations. This course provides an analysis of the hospitality industry, discusses organizational design, general manager duties and responsibilities, front office management procedures, housekeeping and maintenance management procedures, food and beverage division management, marketing policies and techniques, accounting and financial protocols, and operational control of the facility as well as human resource management processes within the lodging industry.

HM 061 Front Office Mgmt & Operations (3)*Class Hours:* 54 Lecture*Advisory(s):* CUL 050

P/NP

Front Office Management and Operations

HM 061 is an introductory course in hotel front office management and operational procedures. This course provides instruction in the fundamental duties and responsibilities related to hotel facility management. This course explores key front office functions and related systems and emphasizes details task, including personnel staffing, reservation systems, room rates, registration of guests, accounting for the guests stay, night audit procedures, checkout and collection procedures, safety and security of guests and employees, training relating to guest relations and customer service, budgeting within the rooms department and technology infusion within the industry.

HM 063 Housekeeping Management**(3)***Class Hours:* 54 Lecture

P/NP

Advisory(S): CUL 050

Housekeeping Management

HM 063 is an introductory course in hotel housekeeping management. This course provides instruction in the administrative, managerial, professional and technical skills and duties related to the executive housekeeping position. This course explores the three key areas of expertise required of an executive housekeeper: management of resources, administration of assets and knowledge of housekeeping technical operations. The course content will include a historical prospective of the lodging industry, application management concepts, interdepartmental communication procedures, structural planning of the housekeeping department, staffing requirements, inventory and equipment requirements, housekeeping equipment and supplies, linen management, laundry room management, cleaning functions, human resource management, administrative controls and risk and environmental management.

HM 064 Maintenance Management**(3)***Class Hours:* 54 Lecture

P/NP

Advisory(s): CUL 050

Maintenance Management

HM 064 is an introductory course in hotel maintenance management. This course provides instruction in the fundamental duties and responsibilities related to hotel facility management. This course will emphasize management functions, energy management systems, blueprints and computer applications, temperature and quality controls systems, electrical, water and sound systems as well as waste and pollution management of electromechanical systems.

HM 065 Conf., Convention & Event Plan**(3)***Class Hours:* 54 Lecture

Conference, Convention & Event Planning

HM 065 provides an overview for designing and producing successful conferences, conventions, or special events. This course emphasizes planning development, budgeting tasks, organizational structure, transportation issues, audio-visual assessments, food and beverage requirements, entertainment, staffing, volunteer coordination, and legal compliance with health, safety, and security regulations.

HM 066 Tourism and Convention**(3)***Class Hours:* 54 Lecture

P/NP

Tourism and Convention

HM 066 provides an overview for tourism and convention marketing and sales within the lodging industry. This course emphasizes the nature of tourism, psychology of the traveler, strategy, market research, marketing mix, advertising methodologies, sales function and techniques, service requirements, technology infusion and trends within the industry.

Hotel, Restaurant, Casino Mgmt (HRCM)**HRCM 001 Introduction to Hospitality****(3)***Class Hours:* 54 Lecture*Advisory(s); CUL 050:**Transfers to:* CSU

Introduction to Hospitality

HRCM 001 is a fundamental overview of the hotel, restaurant, tourism, and casino segments of the hospitality industry. This course provides an overview of the operational sectors of the hospitality industry with an emphasis on organizational structures, departments, job classifications, and career paths. Lecture and discussion are enhanced by industry guest speakers and industry visits.

HRCM 003 Hospitality Marketing (3)
Class Hours: 54 Lecture P/NP
Advisory(s): CUL 050
Transfers to: CSU

Hospitality Marketing

HRCM 003 examines the essential skills required to effectively develop and implement a marketing plan to meet the needs and philosophy of the hospitality industry. This course will focus on the role of marketing in strategic planning, marketing environment, market segmentation, targeting, positioning, internal/external marketing, product development, promotions, and professional sales.

HRCM 004 Superv and Leadership in Hospi (3)
Class Hours: 54 Lecture
Advisory(s): CUL 050
Transfers to: CSU

Supervision and Leadership in Hospitality

HRCM 004 examines the roles and responsibilities of managers in the hospitality industry. This course will focus on developing communication strategies, motivational techniques, performance evaluation and review, staffing, training, and strategic planning.

HRCM 015X Occupational Work Experience (1 - 8)
Class Hours: Work Experience
Transfers to: CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

HRCM 062A Career Success&job Ret Skills (0.5)
Class Hours: 9 Lecture P/NP

Career Success & Job Retention Skills

HRCM 062A focuses on the necessary steps to a successful job search, including finding job sources, how to apply, how to accurately complete the application, how to develop and use a resume, how to prepare for the interview, how to make a positive first impression and dealing with rejection. It also covers techniques for meeting employer expectations and growing on the job. Topics include understanding the work culture, effective human relation skills, developing a positive attitude, being a team player and time management. This course may be used as credit for either Hotel, Restaurant and Casino Management or Business but not for both.

HRCM 062B **Workplace Communication Skills** **(0.5)**
Class Hours: 9 Lecture *P/NP*

Workplace Communication Skills

HRCM 062B focuses on the importance of effective communication in the workplace. Topics include discussion on the four components essential to communication (sender, medium, message and receiver), barriers to effective communication, and techniques for avoiding barriers, as well as skills in developing effective telephone communications. This course may be used as credit for either Hotel, Restaurant and Casino Management or Business but not for both.

HRCM 062C **Build Confidence & Working Pub** **(0.5)**
Class Hours: 9 Lecture *P/NP*

Building Conf & Working With the Public

HRCM 062C focuses on strategies for dealing with the public. Topics include building confidence, managing stress, anger management and dealing with disappointed, demanding or disruptive guests or customers. This course may be used as credit for either Hotel, Restaurant and Casino Management or Business but not for both.

HRCM 062D **Guest Rel & Customer Service** **(0.5)**
Class Hours: 9 Lecture *P/NP*

Guest Relations and Customer Service

HRCM 062D analyzes the basic concepts and current trends in the hospitality and customer service industries. The skills necessary to achieve quality guest and customer service are stressed, as well as the following topics: guest/customer expectations, guest/customer satisfaction, guest/customer dissatisfaction, meeting guest/customer needs, guest/customer retention and creating a guest/customer service system. This course may be used as credit for either Hotel, Restaurant and Casino Management or Business but not for both.

HRCM 067 **Orientation to Hospitality Op** **(1)**
Class Hours: 9 Lecture | 27 Laboratory
Advisory(s): CUL 050

Orientation to Hospitality Operations

HRCM 067 is an orientation course of the hospitality industry, including a historical prospective on the origins and subsequent development of the Hotel and Casino Industry, development and evolution of Native American gaming, overview of: casino cage operations, food and beverage operations, bingo operations and security operations. This course will also cover an overview of hotel, restaurant and casino risk management operations, hospitality industry employment opportunities and employee benefits, overview of guest relations and customer service as well as quality control procedures within the industry.

Humanities (HUM)

HUM 001 **Intro to Western Culture** **(3)**
Class Hours: 54 Lecture
Advisory(s): ENG 001A
Transfers to: UC/CSU

Introduction to Western Culture

HUM 001 introduces students to the cultural values of Western Civilization and surveys art, religion, literature, music, and philosophy with emphasis on representative great works.

HUM 022 Intro to Comparative Religion (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 001A*Transfers to:* UC/CSU**Introduction to Comparative Religion**

HUM 022 is a historical, developmental and comparative survey of the world's major religious traditions. Special emphasis is given to primal and ancient beliefs, Hinduism, Buddhism, the religions of China and Japan, as well as Judaism, Christianity and Islam.

Industrial Technology Lemoore (ITEC)**ITEC 008 Mechanical Systems (3)***Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* ENG 051A and MATH 061 (Recommended, Previous or concurrent).*Transfers to:* CSU**Mechanical Systems**

ITEC 008 provides students with the fundamental knowledge and skills necessary to install and maintain mechanical systems including, maintenance scheduling, hand and power tool use, precision measurement tools, power transmission systems, bearings, lubrications, couplings, pumps, alignment, and vibration analyzers.

ITEC 015X Occupational Work Exp Ed (1 - 8)*Class Hours:* Work Experience*Transfers to:* CSU**Occupational Work Experience Education**

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporates work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. ITEC 015X is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the Industrial Technology field. Students may earn up to 8 units per semester for a maximum of 16 total units (for all work experience sections). Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit of credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

Interdisciplinary Studies (IS)**IS 001 College Success (3)***Class Hours:* 54 Lecture*Transfers to:* UC/CSU**College Success**

IS 001 is designed to assist students in obtaining skills and knowledge necessary to reach their educational objectives. Topics to be covered include: orientation to college, motivation, time management, study skills and techniques, financial literacy, career exploration, and information competency and technology.

IS 002 Career Planning*Class Hours:* 18 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU(1)
P/NP

Career Planning

IS 002 is an examination of the career development process including self-assessment, career exploration and decision-making. During this course, students will identify their interests, values, skills and personality type as they relate to career/life planning. Extensive use of internet resources will be required.

IS 051 Portfolio Development*Class Hours:* 18 Lecture(1)
P/NP

Portfolio Development

IS 051 prepares students for the opportunity to earn college credit for prior learning acquired through on the job training, independent study, or volunteer and personal experiences. Students reflect on their learning experiences and develop a portfolio to showcase their learning and mastery of the material. Students will submit their final portfolios to the QuickpathPLA.com site for credit approval.

Journalism (JOURN)

JOURN 001 Introduction to Mass Communica

(3)

Class Hours: 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Introduction to Mass Communication

JOURN 001 is a critical and historical study of American mass media. The course surveys books, newspapers, magazines, television, radio, film, press services, the internet, and the systems of advertising and public relations after reviewing communication theory and journalistic ethics.

JOURN 002A Introduction to News Writing

(3)

Class Hours: 54 Lecture*Advisory(s); ENG 051A:**Transfers to:* CSU

Introduction to News Writing

JOURN 002A is a course in which students will learn guided reporting and writing of a variety of news stories. Includes the basics of news writing, methods and practices, interviewing, feature writing, legal, and ethical principles.

Kinesiology (KINES)

KINES 001 Introduction to Kinesiology

(3)

Class Hours: 54 Lecture*Advisory(s):* HE 035, BIO 032*Transfers to:* UC/CSU*C-ID:* KIN 100

Introduction to Kinesiology

KINES 001 an introduction to the professional foundations of kinesiology: physical education, exercise, and sports medicine. Includes history, philosophy, concepts, programs, qualification, careers, issues, and future of the discipline.

KINES 046 **Care & Prevention of Athl Inju** **(3)**
Class Hours: 3 Lecture | 54 Laboratory
Advisory(s): ENG 051A
Transfers to: CSU

Care & Prevention of Athletics Injuries

KINES 046 is designed for prospective coaches, athletic trainers, and health and physical educators. The course aids in the recognition, evaluation, and care of athletic injuries, as well as techniques in taping, prevention and rehabilitation of injuries.

KINES 048 **Community First Aid and Safety** **(3)**
Class Hours: 54 Lecture P/NP
Transfers to: UC/CSU
C-ID: KIN 101

Community First Aid and Safety

KINES 048 demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

Linguistics (LING)

LING 011 **Introduction to Linguistics** **(3)**
Class Hours: 54 Lecture
Prerequisite(s): ENG 051A
Transfers to: UC/CSU

Introduction to Linguistics

LING 011 serves as a foundation for understanding language from an anthropological perspective, addressing such core questions as how, what, when, where, why and with whom we communicate. This course surveys three core areas in linguistic anthropology--structural linguistics: phonetics, phonology, morphology and syntax, as well as the biocultural basis of language; historical linguistics: origins and evolution/change, dialects, and language families; and sociocultural linguistics: language acquisition in cultural context, emphasizing the relationship between language and culture, and issues of language conservation and loss. This course meets the content specifications in reading, language, literature, and linguistics in undergraduate teacher preparation which prepares multiple subject candidates by connecting subject matter and pedagogical studies in a manner that emphasizes quality, depth, rigor, and scope. This course adds to the candidate's knowledge of major themes, concepts, and principles within discipline-based studies and interdisciplinary studies.

Maintenance Mechanics (MM)

MM 051 **Introduction to Manufacturing** **(0.5)**
Class Hours: 9 Lecture P/NP

Introduction to Manufacturing

MM 051 provides an introduction to careers in manufacturing. Topics include local job market, pay scales, and an introduction to basic mechanical skills required throughout the industrial areas. Safety and safe work environment will be stressed.

MM 051A Intro. to Industrial Mechanics (3)

Class Hours: 36 Lecture | 54 Laboratory

Corequisite(s): MM 051B

Introduction to Industrial Mechanics

MM 051A provides students with the fundamental knowledge and skills necessary for mechanical systems including, hand and power tool use, precision measurement tools, power transmission systems, hydraulic systems, pneumatic systems, centrifugal pumps, and lubrications.

MM 051B Mathematics for Machine Tech. (3)

Class Hours: 54 Lecture

Mathematics for Machine Technology

MM 051B is an interactive course that explores mathematics for machine technology. Students use hand tools, industrial components and mechanical drive systems to explore how the mathematical concepts and topics established in general arithmetic processes, fundamental algebra, fundamental plane geometry, geometry areas and volumes, and fundamental trigonometry apply to industrial machine technology.

MM 051C Electrical for the Industrial (3)

Class Hours: 36 Lecture | 54 Laboratory

Electrical for the Industrial Mechanic

MM 051C is an interactive course that explores electrical systems in the manufacturing plant. Students use hand tools, industrial components and mechanical drive systems to explore how to install, test and inspect electrical components. Additionally the concepts and codes will be introduced showing how complex systems come together creating a safe environment for employees, operators and mechanics in the industrial plant.

MM 051D Power Transmission Systems 1 (3)

Class Hours: 36 Lecture | 54 Laboratory

Advisory(s): MM 051A (Recommended, Previous or concurrent).

Power Transmission System 1

MM 051D provides students with an in-depth look and hands on experience with new mechanical drives concepts and componenets V-belt driven systems, chain driven systems, spur gears as part of a system and multiple shaft driven systems and using hand and power tool use, precision measurement tools to align, measure and build documentation for preventive maintenance monitoring.

MM 051E Hydraulic & Pneumatic Syst. (3)

Class Hours: 36 Lecture | 54 Laboratory

Advisory(s): MM 051A and MM 051B

Hydraulic and Pneumatic Systems 1

MM 051E provides students with an in-depth look and hands on experience with hydraulic and pneumatic theory, components and systems using hand and power tools, precision measurement tools and schematics to explore the functionality and control of hydraulic and pneumatic systems.

MM 051F Pump Systems 1 (3)

Class Hours: 36 Lecture | 54 Laboratory

Advisory(s): MM 051A and MM 051B

Pump Systems 1

MM 051F provides students with an in-depth look and hands on experience with centrifugal pump theory, components and systems including single and multiple pump systems. Additionally students using hand and power tools, precision measurement tools and schematics to explore the functionality and controls hydraulic and pneumatic systems.

MM 052A Trade Mathematics (1)
Class Hours: 18 Lecture P/NP

Trade Mathematics

MM 052A presents trade-related math and calculations. The use of metric system of weights and measures, arithmetic application of integers and fractions, along with ruler and caliper readings commonly used in manufacturing trades.

MM 052B Comp Fund for Maintenance Mech (0.5)
Class Hours: 27 Laboratory P/NP

Comp Fund for Maintenance Mechanics

MM 052B is an introduction to computers, their use, and basic use of popular software packages used in the agriculture maintenance mechanic industry.

MM 052C Job Preparation (0.5)
Class Hours: 27 Laboratory P/NP

Job Preparation

MM 052C guides students in preparing resumes, portfolios, and improving employment-seeking skills for careers within the agricultural maintenance mechanic industry.

MM 052D Technical Report Writing (0.5)
Class Hours: 27 Laboratory P/NP

Technical Report Writing

MM 052D covers the basics of technical report writing as applied to the agricultural industry. Students will identify and write various types of reports, analyze data, and record information that are associated with production work.

MM 053A Fluid Power Fundamentals (0.5)
Class Hours: 9 Lecture P/NP

Fluid Power Fundamentals

MM 053A is designed to provide the learner with knowledge and working skills needed in the areas of Fundamentals of Fluid Power, physics principles pertaining to Fluid Power, various differences in hydraulics and pneumatics, and characteristics of liquids and gases. This course will particularly focus on the origins of the fluid power industry.

MM 053B Pneumatic Fundamentals (0.5)
Class Hours: 27 Laboratory P/NP

Pneumatic Fundamentals

MM 053B covers theory and application in the operation, service, and function of pneumatic systems. The design and application of systems in agricultural environments will be covered.

MM 053C Hydraulic Fundamentals (0.5)
Class Hours: 27 Laboratory P/NP

Hydraulic Fundamentals

MM 053C covers theory and application in the operation, service and function of hydraulic systems. The design and application of systems in agricultural environments will be covered.

MM 054 Welding Fundamentals (3)
Class Hours: 36 Lecture | 54 Laboratory

Welding Fundamentals

MM 054 covers basic metallurgy and properties of metals, oxyacetylene weldng and cutting processes arc welding, and safety within the work environment.

MM 054A Power Transmission (0.5)
Class Hours: 9 Lecture P/NP

Power Transmission

MM 054A is a course in the study and application of chains, belts, gear trains and augers.

MM 054B Welding Fundamentals (0.5)
Class Hours: 27 Laboratory P/NP

Welding Fundamentals

MM 054B covers basic metallurgy and properties of metals, oxyacetylene welding and cutting processes, arc welding, and safety within the work.

MM 054C Electric Fundamentals (0.5)
Class Hours: 27 Laboratory P/NP

Electric Fundamentals

MM 054C introduces the basics of electrical fundamentals, AC circuitry, as well as an introduction to motor control and programmable logic controller concepts.

Math (MATH)

MATH 100 Pre-Algebra (3)
Class Hours: 54 Lecture

Prerequisite(s): Appropriate placement exam score (Required, Previous or concurrent).

Advisory(s): ENG 100

Pre-Algebra

MATH 100 is a pre-algebra course designed to prepare students for MATH 61 (Elementary Algebra). Topics will include the basics and applications of rates, ratios, proportions, percentages (including simple and compounded interest examples), conversions between Imperial and Metric systems, beginning statistics, geometry, simplifying algebraic expressions, solving linear equations in one variable.

MATH 001A Introduction to Calculus (5)
Class Hours: 90 Lecture

Prerequisite(s): MATH 015

Transfers to: UC/CSU

C-ID: MATH 210

Introduction to Calculus

MATH 001A is an introduction to differential calculus of elementary function (including trigonometric, exponential, and logarithmic). The course covers limits, continuity, derivatives, basic integrals, the fundamental theorem, and applications.

MATH 001B Calculus With Applications (5)
Class Hours: 90 Lecture

Prerequisite(s): MATH 001A

Transfers to: UC/CSU

C-ID: MATH 220

Calculus With Applications

MATH 001B is an introduction to integral calculus. The course covers techniques of integration, applications of integration, improper integrals, polar coordinates, and infinite series.

MATH 125 **Support CRSE for Intro to Sta** (2)
Class Hours: 36 Lecture

Support Crse for Intro to Statistics

MATH 125 is a corequisite support course for students that are concurrently enrolled in MATH 025. The course is additional support hours designed to enhance the course performance and increase success.

MATH 145 **Support Course for Contemp Mat** (2)
Class Hours: 36 Lecture

Support Course for Contemp Mat

MATH 145 is designed as a corequisite support course for students that are concurrently enrolled in the parent course, MATH 045, and are placed into this course using multiple measures. It includes content from MATH 045 and from the prerequisite material.

Music (MUS)

MUS 017A **Beginning Guitar** (1)
Class Hours: 54 Laboratory P/NP
Transfers to: UC/CSU

Beginning Guitar

MUS 017A is class study of beginning guitar. The classical-style guitar will be explored. The course is designed for beginners who wish to learn and play the rudiments of the classical guitar technique. Included in the course will be correct posture and technique, scales, (major, minor and chromatic), basic chords, etudes, basic arpeggios and entry-level guitar compositions. Students will also be introduced to basic music theory and standard Western notation.

MUS 017B **Elementary Guitar** (1)
Class Hours: 54 Laboratory P/NP
Prerequisite(s): MUS 017A or teacher evaluation
Transfers to: UC/CSU

Elementary Guitar

MUS 017B is the elementary level of guitar instruction covering the classical-guitar style. To enhance technique, more complex chords, techniques, and etudes will be explored. Guitar-related harmony for chord construction will be taught. Famous compositions of the master guitar composers will be studied at the elementary level.

MUS 017C **Intermediate Guitar** (1)
Class Hours: 54 Laboratory P/NP
Prerequisite(s): MUS 017B or teacher evaluation
Transfers to: UC/CSU

Intermediate Guitar

MUS 017C is the intermediate level of guitar instruction covering the classic guitar style. To enhance technique, more complex chords, techniques, and etudes will be explored. Guitar-related harmony for chord construction will be taught. Famous compositions of the master guitar composers will be studied at the intermediate level.

MUS 017D **Advanced Guitar** (1)
Class Hours: 54 Laboratory P/NP
Prerequisite(s)L MUS 017C or teacher evaluation:
Transfers to: UC/CSU

Advanced Guitar

MUS 017D consists of individualized study of the appropriate techniques and repertoire for the guitar. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance.

- NC 130** **Advanced Reading, Writi & Spea** (N/A)
Class Hours: 54 Lecture P/NP
Advanced Reading, Writing & Speaking
ESL 130 is for students whose native language is not English. This course emphasizes advanced reading, grammar and sentence writing. This course prepares students for college level reading and writing.
- NC 135** **Adv Comm Skills for Life & Car** (N/A)
Class Hours: 54 Lecture P/NP
Advanced Communication Skills for Life & Career
NC 135 is for students who have advanced ESL skills in reading, writing, and speaking. Students will practice communication skills necessary for career and life. This will be done through presentations, role playing, and mock interviews.
- NC 140** **Community Living Skills** (N/A)
Class Hours: 270 Laboratory P/NP
Community Living Skills
NC140 is assigned to provide mildly and moderately disabled adults opportunities to develop personal, vocational, social, behavioral and community integrated activities for the purpose of achieving a more normalized lifestyle in the home, work and community environments.
- NC 140A** **Community Living Skills** (N/A)
Class Hours: 270 Laboratory
Community Living Skills
NC 140A is designed to provide adults with moderate to severe intellectual disabilities the opportunity to develop personal, social, and behavioral skills through a comprehensive program for the purpose of achieving a more normalized lifestyle in the home and community environments.
- NC 140B** **Community Living Skills** (N/A)
Class Hours: 540 Laboratory
Community Living Skills
NC 140B is designed to provide adults with mild to moderate intellectual disabilities the opportunity to develop personal, vocational, social, and behavioral skills through a comprehensive program for the purpose of achieving a more normalized lifestyle in the home, work, and community environments.
- NC 141** **Production Occ. Workskills** (N/A)
Class Hours: 540 Laboratory
Production Occupation Workskills
NC 141 provides paid work opportunities to individuals with a variety of disabilities. The class is intended for those individuals who lack competitive job skills due to a disability but who are capable both vocationally and socially of performing work. These individuals receive direct supervision and pay is based on individual productivity.
- NC 142** **Service Occup. Workskills** (N/A)
Class Hours: 540 Laboratory
Service Occupational Workskills
NC 142 provides work opportunities to individuals with a variety of disabilities. The program is intended for those individuals who lack competitive job skills at the time of placement due to disability but who are capable both vocationally and socially of performing work with work crews. These crews receive job coaching and follow along support. Pay is based on individual productivity.
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NC 157 Fitness for Life (N/A)
Class Hours: 54 Laboratory P/NP

Fitness for Life

NC 157 is a course in mild exercise designed essentially for middle and older adults who, for one reason or another, have not maintained a satisfactory level of physical activity.

NC 160 GED Preparation Program (N/A)
Class Hours: 162 Laboratory P/NP

GED Preparation Program

NC 160 is a preparatory course designed to provide instruction to assist students in reviewing the basic skills needed to pass each of the five General Education Diploma tests: Reading, Writing, Mathematics, Science and Social Studies. The GED is equivalent to a high school diploma.

NC 171 VESL Truck Driving (N/A)
Class Hours: 36 Laboratory P/NP

Take DT-90 (Recommended, Previous or concurrent).:

VESL Truck Driving

NC 171 is designed to assist limited-English speaking Truck Driving students in the translation of necessary truck driving vocabulary. The course includes preparation for the walk-around inspection portion of the DMV tests which must be taken in English.

Nursing (NURS)

NURS 001 Foundations of Nursing (2)

Class Hours: 36 Lecture

Corequisite(s): NURS 001L

Transfers to: CSU

Foundations of Nursing

This is the introduction module of Foundations of Nursing. The Student is introduced to the role of a student nurse, curriculum organizing framework and the roles of a registered nurse. The concept of wellness and self-care is defined and the student is asked to describe a wellness life style. The body's reaction to stress and the link between stress and illness are defined, Environmental stressors are also discussed.

NURS 001L Foundations of Nursing Lab (2)

Class Hours: 108 Laboratory

Prerequisite(s): BIO 032, 035, 038, ENG 001A

Corequisite(s): NURS 001

Transfers to: CSU

Foundations of Nursing Lab

This course is the corequisite clinical portion of NURS 001 Foundations of Nursing. The majority of this class will occur in the skills lab setting having the students learn basic nursing care and assessment skills. Once the student has met basic competence, they will attend clinical rotations at designated health care facilities under the supervision of a BRN approved instructor. Physical assessment and the ability to distinguish wellness from illness is the focus of this course.

NURS 002 Medical Surgical Nursing I (2)

Class Hours: 36 Lecture

Corequisite(s): NURS 002L

Transfers to: CSU

Medical Surgical Nursing I

Medical Surgical Nursing I introduces the first year nursing student to concepts and practices as they relate to the adult patient in the Medical Surgical environment. Through utilization of the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Selected psychomotor skills associated with the basic needs and medication administration will be studied and practiced.

NURS 002L Medical Surgical Nursing I Lab (2)

Class Hours: 108 Laboratory

Corequisite(s): NURS 002

Transfers to: CSU

Medical Surgical Nursing I Lab

This course is the corequisite clinical portion of NURS 002 - Medical Surgical Nursing I. The majority of this course will occur in healthcare facilities. Once the student has met basic competence in required skills, they will attend clinical rotations at designated health care facilities under the supervision of the BRN approved instructor. Physical assessment, medication administration, the ability to distinguish wellness from illness, and basic nursing interventions utilizing the nursing process is the focus of this course. Basic critical thinking skills will be developed during this course.

NURS 003 Basic Pharmacology (3)

Class Hours: 54 Lecture

Advisory(s): HS 005, BIO 032m BIO 035 ENG 051A, MATH 101 or MATH 100

Transfers to: CSU

Basic Pharmacology

Basic pharmacology is designed to provide a using the nursing process, which serves as a framework for building concepts and principles of pharmacology and drug administration. Legal and ethical issues, nursing responsibilities and considerations, patient, teaching, and participation associated with medication administration are discussed. Students wishing to use this course toward a healthcare degree must obtain a 77% or above.

NURS 004 Medical-Surgical Nursing II (2.5)

Class Hours: 45 Lecture

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003

Corequisite(s): NURS 004L

Transfers to: CSU

Medical-Surgical Nursing II

Introduction to concepts and practices as they relate to the non-critical young adult through geriatric adult in the medical surgical environment. Through utilization of the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Selected psychomotor skills associated with the basic needs and medication administration will be studied and practiced.

NURS 004L Medical-Surgical Nursing II Ia (2)

Class Hours: 108 Laboratory

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003

Corequisite(s): NURS 004

Transfers to: CSU

Medical-Surgical Nursing II Lab

Through utilization of the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions in a clinical setting. Selected psychomotor skills associated with basic client needs, medication and intravenous fluid administration will be studied and practiced.

NURS 005 Obstetrics-Maternal Nursing (2)

Class Hours: 36 Lecture

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 2L, NURS 003, NURS 004, NURS 004L

Corequisite(s): NURS 005L

Transfers to: CSU

Obstetrics-Maternal Nursing

This course focuses on integration and application of the nursing process as it relates to the nursing care of the obstetrical patient and her family. Emphasis is on the concepts and skills related to family centered care. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of obstetrical settings.

NURS 005L Obstetrics-Maternity Nursing L (1.5)

Class Hours: 81 Laboratory

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 003, NURS 004, NURS 004L

Corequisite(s): NURS 005

Transfers to: CSU

Obstetrics-Maternity Nursing Lab

This course focuses on integration and application of the nursing as it relates to the nursing care of the obstetrical patient and her family. Emphasis is on the application of concepts and skills related to family centered care. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of obstetrical settings.

NURS 006 Advanced Pharmacology (2.5)

Class Hours: 45 Lecture

Prerequisite(s) NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003:

Corequisite(s): NURS 014B

Transfers to: CSU

Advanced Pharmacology

Advanced Pharmacology is the development of the theoretical and technical knowledge base necessary in meeting advanced pharmacological needs of the client in a variety of settings. Professional issues and concepts for nursing practice related to intravenous therapy are presented including techniques of intravenous therapy and intravenous drug administration. The student will put the theory of Advanced Pharmacology into practice in the clinical setting in all clinical nursing courses.

NURS 007 Medical-Surgical Nursing III (2.5)

Class Hours: 45 Lecture

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, or LVN license and acceptance into the into LVN to RN Bridge class, NURS 014A, NURS 014B

Corequisite(s): NURS 007L

Transfers to: CSU

Medical-Surgical Nursing III

In Medical Surgical Nursing III, the student will synthesize and correlate nursing knowledge and skills in providing care to multiple patients who have complex, multi-system illnesses. Focus will be for the students to predict patient needs and priorities, and evaluate outcomes on care. Associated psychomotor skills will be integrated and practiced.

NURS 007L Medical-Surgical Nursing III L (1.5)

Class Hours: 81 Laboratory

Prerequisite(s): NURS 001, 001L, 002, 002L, 003, 004, 004L, 005, 005L, 006 or LVN license and acceptance into the into LVN to RN Bridge class, NURS 014A, NURS 014B

Corequisite(s): NURS 007

Transfers to: CSU

Medical-Surgical Nursing III Lab

In Medical Surgical Nursing III Lab, the student will synthesize and correlate nursing knowledge and skills by providing care to multiple patients who have complex, multi-system illness in a hospital setting. Focus will be for the students to predict patient needs and priorities, and evaluate outcomes of care. Associated psychomotor skills will be integrated and practiced.

NURS 008 Mental Health-Psychiatric Nurs (1.5)

Class Hours: 27 Lecture

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L or an LVN license and acceptance in the LVN to RN Bridge class NURS 014A, NURS 014B

Corequisite(s): NURS 008L

Transfers to: CSU

Mental Health-Psychiatric Nursing

The course provides an introduction to Mental Health-Psychiatric Nursing using the nursing process to promote psychosocial integrity within the context of the health illness continuum across life span. Emphasis is on therapeutic interactions and communications, medications, bio-psychosocial rehabilitation and therapeutic use of self.

NURS 008L Mental Health-Psychiatric Nurs (1.5)

Class Hours: 81 Laboratory

Prerequisite(s): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L or an LVN license and acceptance in the LVN to RN Bridge class NURS 014A, NURS 014B

Corequisite(s): NURS 008

Transfers to: CSU

Mental Health-Psychiatric Nursing Lab

The course provides an introduction to Mental Health-Psychiatric Nursing using the nursing process to promote psychosocial integrity within the context of the health illness continuum across the life span. Emphasis is on therapeutic interactions and communications, medications, bio-psychosocial rehabilitation and therapeutic use of self and is held in a psychiatric healthcare facility.

NURS 009 Pediatric Nursing (1.5)*Class Hours:* 27 Lecture*Prerequisite(s):* NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L or an LVN license and acceptance in the LVN to RN Bridge class NURS 014A, NURS 014B*Corequisite(s):* NURS 009L*Transfers to:* CSU**Pediatric Nursing**

This course focuses on integration and application of the nursing process as it relates to the nursing care of children and their families. Emphasis is on the concepts and skills related to age-appropriate family centered care for children.

NURS 009L Pediatric Nursing Lab (2)*Class Hours:* 108 Laboratory*Prerequisite(s):* NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L or an LVN license and acceptance in the LVN to RN Bridge class NURS 014A, NURS 014B*Corequisite(s):* NURS 009*Transfers to:* CSU**Pediatric Nursing Lab**

This course is held in a healthcare facility and focuses on integration and application of the nursing process as it relates to the nursing care of children and their families. Emphasis is on the ability to apply concepts and skills related to age-appropriate family centered care for children, clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of pediatric settings.

NURS 010 Advanced Medical-Surgical Nurs (2.5)*Class Hours:* 45 Lecture*Prerequisite(s):* NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L, NURS 009, NURS 009L, NURS 0014A, NURS 014B, and NURS 014C, LVN to RN Bridge Students*Corequisite(s):* NURS 010L*Transfers to:* CSU**Advanced Medical-Surgical Nursing IV**

Medical Surgical Nursing IV focuses on advanced application of the nursing process in the area of critically ill adult and geriatric patients. The student will organize and discriminate data to establish priorities of care. Correlated clinical experiences emphasized refinement of clinical decision making, psychomotor skills and management of patient care in professional nursing practice.

NURS 010L Advanced Medical-Surgical Nurs (4)*Class Hours:* 216 Laboratory*Prerequisite(S):* NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L, NURS 009, NURS 009L, NURS 0014A, NURS 014B, and NURS 014C, LVN to RN Bridge Students*Corequisite(s):* NURS 010*Transfers to:* CSU**Advanced Medical-Surgical Nursing IV Lab**

Medical-Surgical Nursing IV focuses on advanced critically ill adult and geriatric patients. The student will organize and discriminate data to establish priorities of care. Clinical experiences emphasize refinement of clinical decision making, psychomotor skills and management of patient care in professional nursing practice.

NURS 011 Gerontology Community Nursing (1)

Class Hours: 18 Lecture

Prerequisite(S): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L, NURS 009, NURS 009L, NURS 0014A, NURS 014B, and NURS 014C, LVN to RN Bridge Students

Corequisite(s): NURS 011L

Transfers to: CSU

Gerontology Community Nursing

NURS 11 builds on previous medical-surgical knowledge and skills in applying the nursing process focusing on the older adult living in the community. Throughout the course gerontological nursing theory is incorporated. Emphasis will be on lifestyle and physical changes that occur with aging, the process of initiating health referrals for the older adult, and the outcome criteria for evaluating the aging individual's response to teaching and learning. The student will also explore interventions to increase the older adult's functional abilities. This course emphasizes the professional role of the nurse in assisting older adults in locating and utilizing appropriate community resources. Skills will be fostered in the area of management, quality assessment and the nurse as a change agent. Value systems, self-analysis and health care team collaboration related to interacting with the gerontological population will be explored along with personal professional developmental issues.

NURS 011L Gerontology Community Nursing (1)

Class Hours: 54 Laboratory

Prerequisite(S): NURS 001, NURS 001L, NURS 002, NURS 002L, NURS 003, NURS 004, NURS 004L, NURS 005, NURS 005L, NURS 006, NURS 007, NURS 007L, NURS 008, NURS 008L, NURS 009, NURS 009L, NURS 0014A, NURS 014B, and NURS 014C, LVN to RN Bridge Students

Corequisite(s): NURS 011

Transfers to: CSU

Gerontology Community Nursing Lab

This course builds on previous medical-surgical process focusing on the older adult living in the community. Throughout the course gerontological nursing theory is incorporated. Emphasis will be on lifestyle and physical changes that occur with aging, the process of initiating health referrals for the older adult, and the outcome criteria for evaluating the aging individual's response to teaching and learning. The student will also explore interventions to increase the older adult's functional abilities. This course emphasizes the professional role of the nurse in assisting older adults in locating and utilizing appropriate community resources. Skills will be fostered in the area of management, quality assessment and the nurse as a change agent in a healthcare or community setting. Value systems, self-analysis and health care team collaboration related to interacting with the gerontological will be explored along with personal professional development issues.

NURS 012 Role Transition LVN to RN (2)

Class Hours: 36 Lecture

Corequisite(s); NURS 012L:

Advisory(s): Valid California LVN license, minimum GPA 2.5, acceptance into the LVN-ADN Bridge program, BIO 032, BIO 035, BIO 038, ENG 001A (Recommended, Previous or concurrent).

Transfers to: CSU

Role Transition LVN to RN

This course focuses on the theory and application of concepts of physical assessment, the nursing process, critical thinking, and the relationship of homeostatic mechanisms to fluids and electrolytes and nursing competencies in the professional roles of clinician, teacher, leader and advocate. It is designed to serve as a bridge for the LVN student to transition into the role off RN student.

NURS 014D Advanced Nursing Learning Lab (2)

Class Hours: 18 Lecture | 54 Laboratory

Corequisite(s): Current enrollment in the fourth semester of the ADN program

Transfers to: CSU

Advanced Nursing Learning Lab

NURS 014D is an on-going theory/laboratory practice and remediation course that allows mastery of concepts and nursing skills necessary for providing safe client care in the specialty areas of Advanced Medical-Surgical Nursing/Critical Care, Leadership and Community Geriatric Nursing. It provides instructional guidance to assist students to refine acquired skills learned in the previous three semesters and develop the competency level expected of entry level nurses. Multimedia, computer assisted instructional materials and complex high fidelity simulation will be utilized to support the specific semester learning objectives and subject matter.

NURS 015X Occupational Work Experience (1 - 8)

Class Hours: Work Experience

Transfers to: CSU

Occupational Work Experience

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

NURS 051 Introduction to Nursing (2)

Class Hours: 36 Lecture

Prerequisite(s): BIO 032, BIO 035, BIO 038, ENG 001A

Advisory(s): CHEM 002A NUT 001 PSYCH 001 SOC 001 COM 001 MATH 063

Introduction to Nursing

This course is designed to prepare the pre-nursing student for admission into a nursing program. Topics include: infection control, medical terminology, math, the nursing process, concept mapping, professionalism, and communication, the role of the registered nurse, cultural diversity and future health care trends.

Nutrition (NUT)

NUT 001 Basic Nutrition (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

Basic Nutrition

NUT 001 is an introductory course emphasizing the basic nutrient needs of the human body and the body's use of these nutrients. Concepts of nutrition and diet planning are applied to specific life situations.

Performing Arts (PA)

PA 001 Introduction to Theater (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: THTR 111

Introduction to Theater

PA 001 is a survey of major dramatic covered include the purpose of theatre, major historical literary periods and their relation- ships to the socio-economic and political issues of their times, a behind-the-scenes look at play production, multi-cultural contributions to Western theatre, and contemporary trends. Lectures will be combined with play reading and viewing of video taped scenes.

PA 003 Film Appreciation (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

Film Appreciation

PA 003 looks at the cinema as a 20th century art form. Students will view historically and artistically significant films in class and learn how to analyze and critique them. Students will develop an understanding of the artistic and technical aspects of film, as well as the business and politics of the film industry.

PA 008 Intermediate Dance (1)

Class Hours: 9 Lecture | 27 Laboratory

Take PA-4:

Transfers to: CSU

Intermediate Dance

PA 008 is a reinforcement of the fundamentals of dance techniques with emphasis on placement and alignment of the body and other preparatory work necessary for the establishment of a sound technical foundation. This course provides further development of knowledge, skills, abilities and appreciation through daily practice, vocabulary, and history of dance. Students at this level must be competent at the beginning level and ready to perform longer and more complex movement sequences. Students will work toward a performance for school or community audiences.

PA 014 Fundamentals of Acting (3)

Class Hours: 54 Lecture

Transfers to: CSU

Fundamentals of Acting

PA 014 is designed to introduce the novice actor to the theater. With emphasis on personal and artistic growth in a supportive environment, the student will learn proper methods of warming up and basic vocal, physical, emotional, and psychological characterizations. The student will develop confidence on stage by performing in short scenes and by learning techniques of auditioning, including monologues, prepared scripts and cold readings. This course will also include theater games and a backstage tour of the West Hills College theater facility.

PA 042A Film and Video Production**(3)***Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU

Film and Video Production

PA 042A is an introduction to camera operation for Film and Video Production. It will combine classroom lecture with electronic News Gathering (ENG), and Electronic Field Production (EFP). This course requires each student to complete several short video projects and related assignments designed to help develop the skills needed to produce high quality video productions. The emphasis of the course is on field production and camera techniques.

Philosophy (PHIL)**PHIL 001 Introduction to Philosophy****(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU

Introduction to Philosophy

PHIL 001 introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind.

PHIL 002 Introduction to Logic**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 001A*Transfers to:* UC/CSU

Introduction to Logic

PHIL 002 is a critical thinking course in the study of the basic concepts and methods of logic, the development of skills in deductive and inductive reasoning and informal logic relevant to evaluating argument presented in everyday context.

PHIL 003 Ethics**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU

Ethics

PHIL 003 is a study of classical and contemporary ethics which aims at a clearer understanding of the motivations and approaches to moral decision-making as well as aiding students in their efforts to clarify their own values.

Physical Education (PE)**PE 002 Archery****(1)***Class Hours:* 54 Laboratory*Transfers to:* UC/CSU

Archery

PE 002 is designed to provide students an opportunity to develop the basic skills in the sport of archery.

P/NP

- PE 003 Badminton** **(1)**
Class Hours: 54 Laboratory
Transfers to: UC/CSU
 Badminton
 PE 003 is designed to provide students an opportunity to learn basic skills and knowledge of badminton.
- PE 006 Body Conditioning** **(1)**
Class Hours: 54 Laboratory
Transfers to: UC/CSU
 Body Conditioning
 PE 006 will expose the students to stretching, jump rope, lifting, running and various other skills while working toward optimum physical conditioning.
- PE 007 Aerobics** **(0.5 - 1)**
Class Hours: 54 Laboratory *P/NP*
Transfers to: UC/CSU
 Aerobics
 PE 007 is low-impact fitness program characterized by continuous movement to music. Participation should effect dramatic improvement (as measured by pre- and post-testing) in cardiovascular fitness, strength, endurance and flexibility for the previously unfit individual. The class will include informal lectures on principles of exercise, diet and nutrition, stress and relaxation. Light hand or wrist weights, rubber bands, etc., may be incorporated into class.
- PE 008 Int Aerobic Interval Training** **(0.5 - 1)**
Class Hours: 54 Laboratory *P/NP*
Transfers to: UC/CSU
 Intermediate Aerobic Interval Training
 PE 008 is designed to expose intermediate aerobic students to conditioning activities such as resistance stations, light hand held weights, bands, steps, floor work and much more. Students will learn correct form and alignment, improve cardiovascular strength and increase flexibility and muscle strength. Students will experience changes in body composition, cardiovascular endurance and muscle strength while aiding in the prevention of injury and osteoporosis.
- PE 011 Golf** **(1)**
Class Hours: 9 Lecture | 27 Laboratory *P/NP*
Transfers to: UC/CSU
 Golf
 PE 011 is designed to provide instruction and practice in the fundamentals of golf including the swing, use of clubs, strategy, rules , and etiquette.
- PE 016 Jogging and Power Walking** **(0.5 - 1)**
Class Hours: 54 Laboratory
Transfers to: UC/CSU
 Jogging and Power Walking
 PE 016 involves planning, instruction, and participation in a progressive program of jogging and power walking as applied to enjoyment, health, and fitness.
- PE 018 Bowling** **(1)**
Class Hours: 54 Laboratory *P/NP*
Transfers to: UC/CSU
 Bowling
 PE 018 will provide instruction in the rules, techniques, and strategies of bowling. (Note: Students will be required to pay bowling fee.)

PE 019 Adaptive Physical Education (1)*Class Hours:* 54 Laboratory*Prerequisite(s):* Student must have a disability verified by a DSPS counselor or DSPS administrator*Transfers to:* UC/CSU

Adaptive Physical Education

PE 019 is designed for assessment of a student's fitness and ability levels. With this assessment, an individualized exercise program is designed to meet the student's fitness needs. The fitness components to be emphasized will include an increase in muscular strength and endurance, flexibility and cardiovascular endurance.

PE 021 Fitness Laboratory (1)*Class Hours:* 54 Laboratory

P/NP

Transfers to: UC/CSU

Fitness Laboratory

PE 21 is designed to emphasize proper techniques of stretching and warm-up proper to lifting and proper use of lifting stations.

PE 022 Power Volleyball (1)*Class Hours:* 9 Lecture | 27 Laboratory

P/NP

Transfers to: UC/CSU

Power Volleyball

PE 022 is designed to provide instruction and practice in the basic skills necessary for participation in power volleyball. The course will develop skills and knowledge of the game, with the emphasis on the set, forearm pass, serve, spike, individual block, W serve- receive formation and team defense.

PE 022A Beginning Volleyball (1)*Class Hours:* 54 Laboratory*Transfers to:* UC/CSU

Beginning Volleyball

PE 022A is the first in a series of three courses designed to provide instruction and practice in the basic skills necessary for participation in competitive volleyball. The course will develop introductory skills and knowledge of the game, with specific emphasis on the individual skills of passing, setting, serving, and attacking.

PE 023 Weight Training (1)*Class Hours:* 54 Laboratory

P/NP

Transfers to: UC/CSU

Weight Training

PE 023 is designed for physical conditioning, with emphasis on power, strength, endurance and cardiovascular fitness.

PE 024 Circuit Training (0.5 - 1)*Class Hours:* 54 Laboratory

P/NP

Transfers to: CSU

Circuit Training

PE 024 is designed an activity class involving a series of weight training stations. The weight trainer performs n exercise and rapidly moves to the next station with little or no rest.

PE 025A Introductory Soccer (1)*Class Hours:* 9 Lecture | 27 Laboratory

P/NP

Transfers to: UC/CSU

Introductory Soccer

PE 025A is designed to teach basic running, throwing and passing skills and provide for team competition. This will also give students knowledge and practice in the offensive and defensive strategies involved in the game of soccer.

PE 025B Intermediate Soccer (1)
Class Hours: 9 Lecture | 27 Laboratory P/NP
Transfers to: UC/CSU

Intermediate Soccer

PE 025B is designed to teach intermediate skills, strategy and team play.

PE 025C Intermediate Soccer (1)
Class Hours: 9 Lecture | 27 Laboratory P/NP
Transfers to: UC/CSU

Intermediate Soccer

PE 025B is designed to teach intermediate skills, strategy and team play.

PE 029A Intro. Intercoll. Volleyball (3)
Class Hours: 175 Laboratory
Prerequisite(s): Medical approval from a licensed
Transfers to: CSU

Introductory Intercollegiate Volleyball

PE 029A is designed to provide competition in volleyball at the community college level. Intercollegiate volleyball will develop intermediate and advanced techniques and knowledge with an emphasis on the individual as well as team skills involved in the game.

PE 032 Fundamentals of Basketball (1)
Class Hours: 9 Lecture | 27 Laboratory
Transfers to: UC/CSU

Fundamentals of Basketball

PE 032 is designed to provide instruction and practice in the fundamentals of basketball including dribbling, passing, shooting and rules, etc. The course also includes instruction on how to improve skills necessary for students to participate in recreational basketball. May be taken three times for credit.

PE 036 Men's Intercollegiate Soccer (3)
Class Hours: 175 Laboratory
Prerequisite(s): Medical approval from a licensed
Transfers to: UC/CSU

Men's Intercollegiate Soccer

PE 036 provide student athletes the opportunity to compete on a men's soccer team at the intercollegiate level. PE 36 will provide student athletes an opportunity to develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Student athletes will learn to master soccer and strategies against an opponent while developing mental and physical maturity. Students will compete against the college teams in the area.

PE 040 Intro to Physical Education (3)
Class Hours: 54 Lecture
Transfers to: UC/CSU

Introduction to Physical Education

PE 040 is designed to introduce the student to the study of personal, social, and professional aspects of modern physical education. Focus is on history, trends, opportunities and problems associated with the profession.

PE 044 Fundamentals of Wrestling (1)*Class Hours: 9 Lecture | 27 Laboratory**Transfers to: UC/CSU*

Fundamentals of Wrestling

PE 044 is designed to provide instruction and practice in the fundamentals of wrestling: including takedowns, escapes, reversals, pinning, combinations, riding, defensive skills, and knowledge of and interpretation of the official rules of wrestling.

PE 045 Coaching Team Sports (3)*Class Hours: 54 Lecture**Advisory(s): ENG 051A**Transfers to: CSU*

Coaching Team Sports

PE 045 provides students the foundational knowledge necessary to prepare them to move into the professional area of an athletic coach and advance career opportunities.

PE 045B Theory of Volleyball (1)*Class Hours: 9 Lecture | 27 Laboratory**Transfers to: CSU*

Theory of Volleyball

PE 045B is designed to present a study of the fundamental theories and techniques of the game of volleyball.

PE 046A Theory of Golf (1)*Class Hours: 9 Lecture | 27 Laboratory**Transfers to: UC/CSU*

Theory of Golf

PE 046A is a study and analysis of competitive golf. Emphasis on swing mechanics, course management, rules of golf, mental techniques and practice regimens. Designed for students with previous golf experience and/or the desire to coach golf at any level.

PE 046B Theory of Cross Country (1)*Class Hours: 9 Lecture | 27 Laboratory**Transfers to: UC/CSU*

Theory of Cross Country

PE 046B is a study and analysis of competitive cross country. Emphasis on technique of running. Designed for students with previous cross country experience and/or the desire to coach cross country at any level.

PE 047 Fundamental of Soccer (1)*Class Hours: 9 Lecture | 27 Laboratory**Transfers to: UC/CSU*

Fundamentals of Soccer

PE 047 is designed to provide instruction and practice in the fundamentals of soccer including dribbling, passing, shooting, defense, etc. The course also includes instruction on how to improve skills necessary for students to participate in recreational soccer. May be taken three times for credit.

PE 048 **Community First Aid & Safety** (1)
Class Hours: 18 Lecture P/NP
Transfers to: UC/CSU

Community First Aid and Safety

PE 048 the content and activities included in this course will prepare the student to recognize emergencies and make appropriate decisions regarding care. Each section teaches the necessary skills the citizen responder will need to act as the first link in the emergency medical services (EMS) system chain. Students who complete the course will receive American Red Cross Certificates in Adult, Child and Infant CPR as well as First Aid and Disease Transmission (OSHA).

PE 35A **Theory of Soccer** (1)
Class Hours: 9 Lecture | 27 Laboratory
Transfers to: UC/CSU

Theory of Soccer

Study and analysis of competitive soccer. Emphasis on defense, offense, individual and team skill development, rules, game preparation and strategy, origin and development of the game, terminology, mental attitude, and develop good nutrition habits. Designed for students with previous soccer experience and/or the desire to coach soccer at any level. (AA, CSU, UC)

Physical Science (PHYSICI)

PHYSICI 002 **Chemistry and Physics for Edu** (4)
Class Hours: 54 Lecture | 54 Laboratory
Prerequisite(s): MATH 061
Transfers to: CSU
C-ID: CHEM 140

Chemistry and Physics for Educators

PHYSICI 002 is designed to prepare students to teach chemistry and physics at K-12 grade levels with emphasis on meeting California Public School Standards. This course is part of the natural science series for students planning to transfer to a four-year liberal studies program. Topics include physical and chemical properties of matter, motion, energy, electricity, light, atomic structure and bonding, and chemical reactions.

Physics (PHYSICS)

PHYSICS 002A **Mechanics and Thermodynamics** (4)
Class Hours: 54 Lecture | 54 Laboratory
Prerequisite(s): MATH 063
Transfers to: UC/CSU
C-ID: PHYS 105

Mechanics and Thermodynamics

PHYSICS 002A is the study of vectors, particle kinematics and dynamics, work, energy, simple harmonic motion, rotational kinematics and dynamics, the kinetic theory of gases, the first and second laws of thermodynamics and gravitation.

PHYSICS 002B **Elect.,mag.,optics&mod.Physics** (4)

Class Hours: 54 Lecture | 54 Laboratory

Prerequisite(s): PHYSICS 002A

Transfers to: UC/CSU

C-ID: PHYS 110

Elect., Mag., Optics & Modern Physics

PHYSICS 002B is the algebra-based study of electricity, magnetism, electromagnetism, electric circuits, wave phenomena, geometrical and physical optics, special relativity and a survey of atomic, nuclear and particle physics.

PHYSICS 004A **Classical Mechanics** (4)

Class Hours: 54 Lecture | 54 Laboratory

Corequisite(s): MATH 001B

Transfers to: UC/CSU

C-ID: PHYS 205

Classical Mechanics

PHYSICS 004A is the study of vector algebra, particle kinematics, Newton's laws, conservation of linear momentum, the work-(kinetic) energy theorem, potential energy, conservation of total mechanical energy, mechanics of many-particle systems, rotational kinematics and dynamics, conservation of angular momentum, oscillatory phenomena and gravitation.

PHYSICS 004B **Electricity, Magnetism & Waves** (4)

Class Hours: 54 Lecture | 54 Laboratory

Prerequisite(s); PHYSICS 004A:

Corequisite(s): MATH 002A

Transfers to: UC/CSU

Electricity, Magnetism & Waves

PHYSICS 004B is the study of electric charge and Coulomb's law, the electric field and Gauss's law, electric potential, capacitance and dielectrics, DC circuit analysis and network theorems, the Lorentz force law, Ampere's law and the Biot-Savart law, Faraday's law, inductance, AC circuit analysis, magnetic properties of matter, propagation of waves in elastic media, standing waves and interference, and electromagnetic waves.

PHYSICS 004C **Thermodynamics,optics,mod.Phys** (4)

Class Hours: 54 Lecture | 54 Laboratory

Prerequisite(s): PHYSICS 004B

Transfers to: UC/CSU

Thermodynamics,optics and Modern Physics

PHYSICS 004C is the study of temperature and the zeroth law of thermodynamics; the kinetic theory of gases; heat and the first law of thermodynamics; entropy and the second law of thermodynamics; geometrical optics; interference; diffraction and polarization of light; special relativity; failures of classical physics; an introduction to quantum physics; and a survey of atomic, nuclear, and particle physics.

Political Science (POLSCI)

POLSCI 001 American Government (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: POLS 110

American Government

POLSCI 001 is an introduction to United States and California government and politics, including their constitutions and processes, and political actors. examination of political behavior, political issues, and public policy.

POLSCI 002 Comparative Government (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Transfers to: UC/CSU

C-ID: POLS 130

Comparative Government

POLSCI 002 is the study of the Germany, and the former Soviet Union, compared with each other and with that of the United States, with emphasis on contemporary problems.

POLSCI 004 Intro to International Relatio (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: UC/CSU

C-ID: POLS 140

P/NP

Introduction to International Relations

POLSCI 004 is an introductory course will study how countries interact with each other. The course will study theories of international relations, balance of power, and basic concepts of politics around the world. Subjects include war and peace, economic development, power and decision making, terrorism, and American foreign policy.

Psychology (PSYCH)

PSYCH 001 Introductory Psychology (3)

Class Hours: 54 Lecture

Prerequisite(s): ENG 051A

Transfers to: UC/CSU

C-ID: PSY 110

Introductory Psychology

PSYCH 001 is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

PSYCH 002 Abnormal Psychology**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* PSY 120

Abnormal Psychology

PSYCH 002 introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced.

PSYCH 003 Developmental Psychology**(3)**

P/NP

Class Hours: 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* PSY 180

Developmental Psychology

PSYCH 003 provides an overview, from a psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems.

PSYCH 004 Personal Psychology**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* PSY 115

Personal Psychology

PSYCH 004 is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys different psychological perspectives and theoretical foundations and how these are applied across a person's life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians, and practitioners study and apply psychology is emphasized.

PSYCH 005 Biological Psychology**(3)***Class Hours:* 54 Lecture*Prerequisite(s):* PSYCH 001*Transfers to:* UC/CSU*C-ID:* PSY 150

Biological Psychology

PSYCH 005 introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

PSYCH 006 Research Methods in Psychology (3)

Class Hours: 54 Lecture

Prerequisite(s): PSYCH 001, MATH 025

Transfers to: UC/CSU

C-ID: PSY 200

Research Methods in Psychology

PSYCH 006 surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub-disciplines of psychology.

PSYCH 029 Introduction to Sports & Exerc (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: CSU

Introduction to Sport & Exercise Psych

PSYCH 029 is the study and application of psychological and foundations to sport and exercise across the lifespan and across activity contexts. This course is designed to promote an understanding of the concepts and applied principles of sport and exercise psychology. Findings and principles from the sport and exercise psychology literature will be applied to sport and physical activity participants, ranging from youth sport and community exercise programs to elite and world class performers.

Restaurant Management (RM)

RM 010 Intro to Food Service Op. (3)

Class Hours: 54 Lecture

Advisory(s): CUL 050

Transfers to: CSU

P/NP

Introduction to Food Service Operations

RM 010 is an overview of the basic principles, procedures and fundamentals concepts relating to food service operations. This course emphasizes the history of food service operations from ancient to modern times, types of food service operations, food safety, menu planning, purchasing, receiving and inventory control, production and distribution systems, facility planning, marketing and human resource management.

RM 011 Food and Beverage Service (3)

Class Hours: 54 Lecture

Advisory(s): CUL 050

Transfers to: CSU

P/NP

Food and Beverage Service

RM 011 identifies the crucial elements involved in the successful operation of a food and beverage service and their relationships. This course emphasizes the management of marketing, operation, cost and design control, facilities and equipment requirements and product selection. In addition, this course provides special emphasis on staff training and development and legal for beverage sales.

RM 012 Food and Beverage Cost (3)*Class Hours:* 54 Lecture*Advisory(s):* CUL 050*Transfers to:* CSU

Food and Beverage Cost

RM 012 is designed to provide the basic skills required to understand and utilize cost control systems. This course provides instruction in managing income and expenses associated with food and beverage operations. It provides an overview of managing the cost of food, beverage, labor, and other expenses as well as determining sales volume and analyzing trends to improve the overall income system.

RM 061 Culinary Theory and Fund. (3)*Class Hours:* 54 Lecture*Advisory(s):* CUL 050

Culinary Theory and Fundamentals

RM 061 is an introductory course in the culinary arts. This course emphasizes the origins of professional food preparation, terminology, tools and equipment, safety and sanitation requirements for ServSafe certification, basic food preparation and cooking fundamentals, principles, and techniques.

RM 063 Culinary Concepts (3)*Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* CUL 050

Culinary Concepts

RM 063 is an overview of food history, nutrition, and classical culinary concepts. This course provides instruction in the history of foodstuff and the development of mankind, principles of nutrition in food preparation, and classical French culinary techniques, processes and methods. Special emphasis is placed on classical French cooking theories, the principles of Escoffier, classical French sauces, stocks, flavoring/seasoning techniques, and soups. The course covers meat, poultry, fish, and shellfish cooking techniques as well as vegetable, potatoes, and other starch preparation and cooking techniques.

RM 064 Cuisine's of the World (3)*Class Hours:* 36 Lecture | 54 Laboratory*Advisory(s):* CUL 050

Cuisines of the World

RM 064 emphasizes the principles, procedures, and techniques of food preparation associated with traditional cuisines of the Americas, Europe and Asia. This course will provide instruction in selecting and preparing traditional cuisine from America, Europe and Asia, equipment requirements, storage, herbs and spices, sauces, and entr#e preparation techniques.

RM 065 Catering and Beverage Services (3)*Class Hours:* 54 Lecture*Advisory(s):* CUL 050

Catering and Beverage Services

RM 065 emphasizes basic catering and beverage service concepts and principles and procedures in relation to providing quality products and services. This course focuses on historical banqueting, trends within the catering and beverage service industries, styles of catering operations, catering menu program and design, catering procedures and techniques, tools and equipment for catering and beverage service operations, staffing requirement, purchasing, receiving and storage procedures, and regulations governing catering and beverage service operations.

RM 066 Event Plan/Spcl Event Tourism (3)*Class Hours:* 54 Lecture*Advisory(s):* CUL 050**Event Planning & Special Event Tourism**

RM 066 is a comprehensive study of event planning and special event tourism. This course provides instruction in the stages of successful event development, scheduling and organizational elements, catering, marketing, legal requirements, and risk management as well as instruction in the history of tourism, motivation for tourism, and tourism as it applies to special event venues.

Social Work (SW)**SW 015X Occupational Work Experience (1 - 8)***Class Hours:* Work Experience*Transfers to:* CSU**Occupational Work Experience**

Cooperative Work Experience Education (CWEE) develops skills and knowledge by integrating classroom study with planned, supervised work experience. It is based on the principle that well-educated individuals develop most effectively through an educational plan that incorporated work experience. Through these structured experiences, the students enrich their college studies, which enhance their total development. Occupational Work Experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes, and career awareness in the field of the student's major. Students may earn up to 8 units per semester for a maximum of 16 total units. Credits are awarded for paid or voluntary work. For every 75 hours of paid work completed within the semester, 1 unit or credit is awarded. For every 60 hours of volunteer work completed within the semester, 1 unit of credit is awarded. Occupational Work Experience credits are counted as electives toward an Associate's Degree at West Hills College Lemoore and are transferable to four year universities (for specific transfer eligibility, please contact a counselor or an advisor).

Sociology (SOC)**SOC 001 Introduction to Sociology (3)***Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* SOCI 110**Introduction to Sociology**

SOC 001 is an introduction to the sociological concepts and theoretical perspectives of sociology and their application to the fundamental problems of social life. The course includes an overview of sociological explanations, methods, and findings in social structure, group dynamics, socialization, social stratification culture, social change, and global dynamics.

SOC 002 Critical Thinking/Social Prob (3)*Class Hours:* 54 Lecture*Prerequisite(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* SOCI 115**Critical Thinking and Social Problems**

SOC 002 explores major social problems experienced by society, with an exploration of the role of power in defining social problems, causes and consequences, theoretical perspectives, proposed solutions, and methods of interventions. The course focuses on the application of critical thinking skills to strengthen critical analysis and heighten social awareness.

SOC 003 Marriage and Family Relations (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* SOCI 130**Marriage and Family Relations**

SOC 003 explores diversity in family dynamics including historical and recent changes. Topics focus on socio-cultural and economic forces shaping the family, love, mate selection, sexuality, communication patterns, parenthood, and dissolution. Students will learn how paired relationships work in contemporary mass society, why they succeed, and why they sometimes fail.

SOC 005 Cultural Sociology (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* UC/CSU*C-ID:* SOCI 150**Cultural Sociology**

SOC 005 surveys multiple dimensions of culture and social stratification in the United States, including race, ethnicity, age, class, physical ability, religion, gender, and sexuality. This course promotes cultural awareness aimed at building cultural intelligence. Attitudes and competencies emphasize theoretical perspectives, cultural change, and future trends in diversity.

SOC 010 Sociological Practice (3)*Class Hours:* 54 Lecture*Advisory(s):* ENG 051A*Transfers to:* CSU**Sociological Practice**

SOC 010 examines sociological practice and its tools in understanding intervention in, and/or enhancement of human social life. Students will learn about applied and clinical sociology as multidisciplinary, humanistic fields that assess and reduce problems through analysis and intervention. Students will be exposed to critical assessments of beliefs, policies, and practices with an eye toward improving the situations through civic engagement and change.

Workforce Skills (WKFSK)

WKFSK 143 Workforce Skills - Locating in (N/A)*Class Hours:* 90 Laboratory

P/NP

Workforce Skills - Locating Information

This course develops skills in using information presented in workplace graphics such as memos, tables, charts, and graphs. Examples and situations focus on applying this ability in real-world situations. The course uses computer software with a variety of interactive exercises so that the learner can practice each concept. Using this information, the student will become more effective at understanding instructions presented by supervisors, presenting instructions to others, and seeing the overall meaning of graphic document.(NDA)