
Admissions

The 2018-2019 course catalog requires a revision. The following Admissions sub section should read as follows:

Eligibility Requirements

- Admission to West Hills College Lemoore requires one of the following:
 - High school graduation.
 - Successful completion of the California High School Equivalency Examination or G.E.D.
 - Attainment of adult status, 18 years of age.
 - Recommendation from the principal of the high school the student is attending and parental permission.
1. Student must be approved for “advanced scholastic or vocational work,” and must be identified as a special part-time or full-time student. Some courses may have restricted access based on age or
 2. Students may be admitted as a special part-time or full-time student (dual enrollment) if:
 - the class is open to the general public or the class is offered during the normal school day at the student’s high school campus; and
 - the student is currently enrolled in grade 11 or 12 (Junior or Senior year). Exceptions may be made for some special programs and course work, and
 - the student has demonstrated eligibility for instruction by completing assessment and orientation.

Eligibility for Dual Enrollment Admission Definitions:

1. Advanced scholastic or vocational work is identified as college-level, degree-applicable course work.
2. A special part-time student is identified as a high school student who is attending high school and community college concurrently, and is enrolled in 11.0 college units or less.
3. A special full-time student is identified as a high school student who has been completely released by his or her high school to attend West Hills College Lemoore fulltime, and is enrolled in 12.0 units or more.

Pursuant to California Education Code Section 76001 (d), specially admitted part-time students may not enroll in more than 11 units per semester.

Pursuant to California Education Code Section 76300 (f), specially admitted part-time students may be exempt from payment of the enrollment fees, per special action of the Board. All other appropriate fees shall be assessed.

Specially admitted students released from their high school to attend full-time must pay the enrollment fee and all other appropriate fees as assessed. However, full-time special admit students may qualify for the California College Promise Grant program.

Student Services

The 2018-2019 course catalog requires a revision. The following Student Services sub sections should read as follows:

Grants

To apply for financial aid programs administered by the college, students must file a Free Application for Federal Student Aid (FAFSA) listing West Hills College Lemoore, Title IV Code #041113, among the colleges to receive information. Financial aid applications are available online at www.fafsa.gov every year beginning in January for the following school year. A FSA ID will be required to sign the application electronically. To get an FSA ID, go to <https://fsaid.ed.gov/npas/index.htm>

Students who apply annually by March 2nd are given priority consideration by West Hills College Lemoore and meet the Cal Grant deadline for state grants. Awards are contingent upon available funds. West Hills College Lemoore participates in the following federal, state and institutional financial aid programs.

Pell Grants (Federal)

Federal Pell Grants are available only to undergraduate students who have not received a bachelor's degree. This grant must be applied for by students before consideration of any other grant aid program can be made. The Pell Grant amount is determined by a formula that considers the student's enrollment status and expected family contribution. For the 2018 -2019 academic year, annual awards range from \$650 to \$6,094 for students who qualify.

California College Promise Grant (CCPG)

The California College Promise Grant is a state program that waives community college enrollment fees. Students must be a resident of California or determined to be AB540 by the Registrar's Office, and either be eligible through completion of the Free Application for Federal Student Aid (FAFSA), or the Promise Grant Application by meeting specified income criteria, or being a current recipient or dependent of a recipient of TANF/CalWorks, SSI/SSP or General Assistance, or have a dependent's fee waiver from the Veteran's Affairs Department, or Congressional Medal of Honor or 9-11 dependent, or dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty. The CCPG covers an academic year beginning with the summer term and eligibility continues for the fall and spring terms as long as academic progress is maintained. CCPG Applications are available at the Financial Aid Office.

Maintaining California College Promise Grant Eligibility (CCPGC)

Students who qualify for the CCPG must maintain academic and progress standards in order to continue to receive the fee waiver and priority registration. Successful academic standing is a cumulative GPA of 2.0 or higher. Students whose GPA falls below 2.0 for two consecutive primarily terms (fall and spring), may lose their fee waiver. In addition, if the cumulative number of units completed is less than 50 percent in two consecutive terms (fall and spring), students may also lose the fee waiver. Students will be notified within 30 days of the end of each term of their status and that a second term of probation will result in a loss of the CCPG eligibility at the next registration opportunity.

If a student loses CCPG eligibility, they can regain eligibility by:

- Improving GPA or course completion
- Appeal under extenuating circumstances
- Appeal under significant academic improvement
- Not attend school for two consecutive primary terms.

Affected students can submit an appeal form to the Office of Student Services. To assist students with improved academic success, students can receive academic support, tutoring, and assistance from their counselor(s) and advisors, student success teams support, workshops or class enrollment in an intervention class

Cal Grant B Program (State)

Cal Grants are available through the California Student Aid Commission (CSAC) to students who are residents of California and file the FAFSA by March 2nd. An additional deadline of September 2nd for community college students allows them to be considered for a second round of competitive awards. The Cal Grant program consists of Entitlement and Competitive awards. Entitlement awards are guaranteed to students who have graduated high school in 2015 – 2016 or later and meet the eligibility requirements. As of January 2016, AB540 students are able to apply for an entitlement award by completing a California Dream Act *Application at <https://dream.csac.ca.gov/>*. Competitive awards are offered on a competitive basis to those students who did not receive entitlements and are not guaranteed.

A GPA Verification Form must be submitted to CSAC for all new Cal Grant applications by March 2nd. West Hills College Lemoore, as well as most schools, submits these GPAs electronically. Only students who have college units at more than one school must mail a certified Cal Grant Grade Point Average Verification Form to CSAC by March 2nd. Students are advised to submit the GPA verification form to the appropriate school at least 10 days in advance of the deadline. Students awarded a Cal Grant A will have their awards put on reserve until they transfer to a four year California college or university, as these funds are credited toward tuition fees. Students awarded a Cal Grant B receive a stipend to help cover living expenses. If students are transferring to a four year California college or university, students receive tuition assistance in addition to the stipend.

The maximum grant is \$1,672 per academic year. Applications and further information are available at California high school counseling offices *and on the web at www.calgrants.org*.

Cal Grant C Program (State)

Cal Grant C awards are for students enrolled in an occupational or vocational course of study and intend to receive a Certificate of Achievement or Associate's Degree. Grants are based on the student's need and help cover the cost of, books, supplies, tools and special clothing. The maximum grant is \$547 per academic year.

Student Success Completion Grant

The Student Success Completion Grant is available to Cal Grant B or C recipients who are enrolled full time for the Fall and/or Spring terms. The Student Success Completion Grant pays full-time Cal Grant B or C recipients a maximum of \$1,298 annually at \$649 per semester for eligible students who enroll and attend 12 through 14.99 units per term and a maximum of \$4,000 annually at \$2,000 per semester for eligible students who enroll and attend 15 units or more per term.

Federal Supplemental Education Opportunity Grant (FSEOG)

The basic purpose of this program is to assist undergraduate students whose exceptional financial need would prevent them from attending college. The grant is awarded to students who have the highest need, have attempted less than 60 units and are eligible to receive Pell grants. Students receiving FSEOG funds must be enrolled in at least 6 units per semester. Students must file a FAFSA by March 2nd to receive priority consideration, as there are insufficient funds to meet the needs of all eligible students. Awards are made on a first come, first served basis to eligible students. The average annual award is \$400.

College Work Study (Federal and State)

The College Work Study Program provides part-time employment opportunities giving students the chance to earn money to cover school expenses. An effort is made to find jobs which are related to students' academic programs, yet do not conflict with their class schedules. Students work a maximum of 19 hours per week during the regular academic period and up to 40 hours per week when classes are not in session. Jobs may be on or off-campus. Off-campus jobs must be for a non-profit agency.

Emergency Student Loan Program

These short-term loans may be made to students who need a small sum during difficult short-term economic times. Students may borrow up to \$100. All loans must be repaid within 30 days of request.

The 2018-2019 course catalog requires a redaction. The following Student Services sub section should be removed:

Job Placement

The Financial Aid Office assists students with community job placement, both during school and after graduation. Referrals are posted for both part-time and full-time permanent jobs.

Associate Degree Requirements

The 2018-2019 course catalog requires a revision. The following Associate Degree Requirements sub section should read as follows:

II. General Education Requirements

Area C. Humanities (3 units)

These courses cultivate intellect, imagination, sensibility and sensitivity. They encourage students to respond subjectively as well as objectively and to develop a sense of the integrity of emotional and intellectual responses. Courses fulfilling this requirement study great work of the human imagination, increase awareness and appreciation of the traditional humanistic disciplines such as art, dance, drama, literature, and music, impart an understanding of the interrelationship between creative art, the humanities, and the self, provide exposure to both western and non-western cultures, and include foreign language courses.

___ Art 002, 003, 005A, 007, 015A, 016A, 016B, 020A, 042

___ American Sign Language 001, 002

___ English 001B, 002, 004, 025

___ Foreign Language Spanish 001, 002, 003, 004

___ Geography 002, 003

___ History 004A, 004B, 020, 021

___ Humanities 001, 022

___ Journalism 002A

___ Linguistics 011

___ Music 017A, 017B, 017C, 017D, 042

___ Performing Arts 001, 003, 014

___ Philosophy 001, 002, 003

Area D. Social Science (3 units)

These courses explore, at the micro and macro level, the social, political and economic institutions that underpin society. Courses fulfilling these requirements promote understanding and appreciation of social, political, and economic institutions, probe the relationship between these institutions and human behavior, examine these institutions in both their historical and contemporary context, include the role of, and impact on, non-white minorities and women and include both western and non-western settings.

___ Administration of Justice 001, 029

___ Child Development 005

___ Economics 001A, 001B

___ Geography 002, 003, 018

___ History 004A, 004B, 017A, 017B, 020, 021, 032, 034, 044

___ Political Science 001, 002, 004

___ Psychology 001, 002, 003, 004, 005, 006

___ Sociology 001, 002, 003, 005, 006, 007, 010

Transfer Information

The 2018-2019 course catalog requires a revision. The following Transfer Information sub section should read as follows:

California State University System General Education Requirements

Area C. Arts and Humanities (9 units)

At least 1 course in Arts and 1 from Humanities.

C1. Arts

Art 005A, 016A, 016B, 042
Humanities 001
Music 042
Performing Arts 001, 003, 014

C2. Humanities

American Sign Language 001, 002
English 001B
Foreign Language Spanish 001, 002, 003, 004
Geography 002, 003
History 004A, 004B, 017A, 017B, 020, 021
Humanities 001, 022
Linguistics 011
Philosophy 001, 003

Area D. Social Sciences (9 units)

Courses must be from at least 2 disciplines.

Administration of Justice 001, 029
Child Development 005
Economics 001A, 001B
Geography 002, 002A, 002B, 003, 018
History 004A, 004B, 017A*, 017B*, 020, 021, 032, 034, 044
Kinesiology 002
Physical Education/Psychology 029
Political Science 001*, 002, 004
Psychology 001, 002, 003, 005, 029
Sociology 001, 002, 003, 005
Social Work 020

**To meet U.S. History and constitutional requirements, History 017A or 017B and Political Science 001 is required.*

Area E: Lifelong Learning and Self-Development (3 units)

Child Development 004, 005
Communication 005
Health Education 035
Kinesiology 001, 002
Nutrition 001
Physical Education/Psychology 0029
Psychology 001, 002, 003, 004, 029
Sociology 003

Programs of Study

AA = Associate in Arts Degree and AS= Associate in Science Degree (4 semesters, 60+ units)

AD-T = Associate Degree for Transfer (California State University system, 60 units)

C = Certificate of Achievement and LC = Local Certificate (1-3 semesters, short-term training)

The 2018-2019 course catalog requires an addition. The following programs should be added:

Agriculture Sales and Marketing	C
Cybersecurity	C
English	AA-T
Industrial Automation	C
Project Management	C

Agriculture Sales and Marketing

Agriculture Sales and Marketing Certificate of Achievement (COA)

The Agriculture Sales and Marketing will develop and expand the student’s knowledge of Agriculture Business. The student will develop knowledge and skills sufficient to gain and hold entry-level jobs in Ag Sales and Marketing. The student will learn step-by-step sales techniques, stage presence, self-evaluation of voice, habits, abilities in sales, and understanding of sales career. This program will help students make decisions as to whether or not they are qualified in sales, and prepare them for a sales career if they choose that vocation.

Upon successful completion of the program, students will be able to:

- demonstrate characteristics of a good communication skills.
- demonstrate techniques to develop a sales relationship.
- maximize technology and resources to successfully market a good or product
- model professional sales presentation strategies

Course #	Title	Units
Required Core Courses		
AGBUS 010	Introduction to Agriculture Business	3
AG 011	Agriculture Sales & Commnication	3
AGBUS 015	Computer Application to Agriculture	3
CIS-002G.....	Introduction to E-Commerce.....	3
AG 015X	Occupational Work Experience	1 - 8
	Total	15

This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.

SEMESTER 1		SEMESTER 2	
AGBUS-010.....	3	AG-011.....	3
CIS-002G.....	3	AGBUS-015.....	3
	6	AG-015X.....	3
			9

Cybersecurity

Introduction to Cybersecurity (Certificate of Achievement)

The Introduction to Cybersecurity Certificate of Achievement offers a problem-solving methodology built on key principles that are independent of specific technologies in a vendor neutral environment. The principles taught in this certificate are mappable, stackable, and track to today’s emerging technologies and teach students the security techniques and research skills required to stay on top of today’s ever-changing security environment. This certificate provides comprehensive training to begin a career focused on securing computing assets and information. Join our program to acquire skills and knowledge in the design, application, installation, operation, and maintenance of computer security systems through extensive hands-on experience in this rapidly growing field. This program of study prepares student to take the following certification exams: CompTIA is an ANSI accredited Certifier - 0731. The CompTIA Security+ program is included in the scope of this accreditation. The CompTIA Security+ certification may be kept current through the CompTIA Continuing Education program.

Upon successful completion of the program, students will be able to:

- troubleshoot and diagnose security issues;
- conduct security audits and penetration testing;
- assist in developing and implementing security plans and procedures;
- assist in developing and presenting security awareness;
- evaluate, recommend and install security hardware and software;
- monitor computer systems to detect inappropriate use;
- develop incident, disaster recovery, business continuity and emergency response plans.

Course #	Title	Units
Required Core Courses		
CIS-005E.....	Introduction to Information System Security.....	3
CIS 005F	Intro to Information Assurance	3
CIS 005G	Computer Forensics Fundamentals	3
CIS-005H.....	Operating Systems – Linux.....	3
CIS-042.....	System Design and Analysis.....	3
	Total	15

This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.

SEMESTER 1		SEMESTER 2	
CIS-005H.....	3	CIS-005F.....	3
CIS-005E.....	3	CIS-005G.....	3
CIS-042.....	3		6
	9		

English

Associate of Arts in English for Transfer Degree (English AA-T)

The Associate of Arts in English for Transfer Degree (AA-T) program is designed to provide entry-level skills and knowledge for a student transferring to a 4-year institution with a major in English. The English major requires 18 units in English and related fields. Course work in this program will provide a foundation in subjects students will study as English majors in 4-year colleges or university programs. The English major prepares student for four-year programs with emphasis in composition, literature, and creative writing.

To earn the Associate in Arts in English for Transfer Degree, a student must:

- Complete all degree course requirements in the major as outlined below with grades of C or better.
- Complete a minimum of 60 CSU-transferable semester units with a minimum grade point average of 2.0.
- Complete either the CSU General Education Breadth pattern (CSU GE) which requires a minimum of 39 units, or the Intersegmental General Education Transfer Curriculum (IGETC), which requires 34-38 units. Double counting of courses is encouraged and permitted. Students are not required to complete the West Hills College Lemoore’s local graduation requirements (Health Education 35 and two units of activity courses, if applicable).Program Student Learning Outcomes

Upon successful completion of the program, students will be able to:

- write about topics in a manner that demonstrates college-level writing skills with lucid claims for a variety of purposes and audiences. This writing will exhibit critical thinking, control of meaning, maturity of style, and appropriate tone.
- identify the strengths and weaknesses of a piece of writing, including cogent or fallacious reasoning, as well as the assumptions, values, rhetorical moves, premises, and logical progressions.
- exhibit an ability to interpret and analyze a variety of fiction and non-fiction works from a variety of genres, eras, and cultures.
- locate, evaluate, interpret, and engage appropriate and credible sources and correctly incorporate source material into their arguments in rhetorically effective ways

Course #	Title	Units
Required Core Courses		
ENG-002.....	Introduction to Literature.....	3
ENG-003.....	Critical Thinking	3
ENG-004.....	World Literature	3
ENG 005	American Literature	3
ENG-025.....	Introduction to Creative Writing.....	3
Elective taken from recommended list below (Choose 1)		
HUM-001.....	Introduction to Western Culture.....	3
JOURN-001.....	Introduction to Mass Communication.....	3
JOURN-002A.....	Introduction to News Writing.....	3
COM-002.....	Oral Interpretation of Literature.....	3
PA-001.....	Introduction to Theater.....	3
LING-011.....	Introduction to Linguistics.....	3
	Total.....	3
	Total	18

This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
ENG-001A..... 3	ENG-002..... 3	ENG-025..... 3	ENG-004..... 3
AREA B1..... 4	ENG-003..... 3	AREA B2..... 3	ENG-005..... 3

IS-001..... 3	COM-001..... 3	MARJOR ELECTIVE.... 3	POLSCI-001..... 3
AREA E..... 3	MATH-025..... 4	HIST-017A or HIST-017B. 3	ELECTIVE 001-049..... 7
AREA C1 (HUM-001 or PA-001)..... 3	13	AREA D3..... 3	16
16		15	

Industrial Automation

Introduction to Industrial Automation (Certificate of Achievement)

The Introduction to Industrial Automation Certificate program is modeled after local industry competency standards and includes study in the following areas: electrical theory and components, soldering, wiring diagrams, safety programmable logic controllers, and Allen Bradley SLC 500 and CLX 5000 computer integrated manufacturing. This program will provide the necessary knowledge and skills to increase job performance for careers in electronics technology. Students will be prepared for entry level positions in petroleum/energy, manufacturing automation, process control, logistics and distribution, material processing, and industrial maintenance.

Program Student Learning Outcomes

Upon successful completion of the program, students will be able to:

- demonstrate proficiency of safety principles required for industrial employment.
- demonstrate proficiency in automation programming/troubleshooting related to programmable logic controllers.
- demonstrate problem solving skills used in industrial manufacturing environments.
- demonstrate an understanding of industrial manufacturing and electronics.
- demonstrate an understanding of the core hardware and theory related to programmable automation controllers.

Course #	Title	Units
Required Core Courses		
ELET 001	Basic Electronics (dc)	3
ELET 002	Electronic Circuits	3
ELET 003	Programmable Logic Controllers	3
ELET 006	Electric Motors & Controls	4
ITEC 008	Mechanical Systems	3
ITEC 015X	Occupational Work Experience Education	1 - 8
Total		18

This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.

SEMESTER 1		SEMESTER 2	
ELET-001.....	3	ELET-002.....	4
ELET-003.....	3	ELET-006.....	4
ITEC-008.....	3	ITEC-015X.....	1
	9		9

Project Management

Project Management (Certificate of Achievement)

The Project Management Certificate Program provides a front-to-back learning process required to complete goals and efficiently produce goods and/or provide services. Project management is one of the fastest growing careers globally, because it applies to the needs of all industries. This program will present all the steps of project management outlined in the Project Book of Knowledge (PMBOK) published by the Project Management Institute (PMI), the largest organized project management association in the world. Program content prepares students to take the certification prep course, CAPM, which is the entry-level certification with PMI.

Upon successful completion of the program, students will be able to:

- Demonstrate understanding of project management principles and practices while maintaining high standards of practice, making ethical judgments and decisions in a respectful, and sustaining professional manner
- Conduct project planning activities that accurately forecast project costs, timelines, and quality. Implement processes for successful resource, communication, and risk and change management
- Create project management documents and plans in written, verbal, and non-verbal form, utilizing industry terminology.
- Manage the human resources of a project including organizing, managing and leading the project team, using effective strategies to influence others, manage conflict, and lead teams to successful project completion
- Manage projects effectively including the management of scope, time, costs, and quality, while satisfying the needs for which the project was undertaken
- Manage project risk, including identifying, analyzing and responding to risk
- Analyze and manage stakeholder expectations and engagement to ensure a successful project outcome

Course #	Title	Units
Required Core Courses		
BUS 019A	Introduction to Project Management	3
BUS 019B	Project Integration & Scope Management	3
BUS 019C	Project Time & Cost Management	3
BUS 019D	Project Quality Management	3
BUS 019E	Project Human Resources & Com Management	3
BUS 019F	Project Risk & Procurement Management	3
Total		18

This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.

SEMESTER 1		SEMESTER 2		SEMESTER 3	
BUS-019A.....	3	BUS-019C.....	3	BUS-019E.....	3
BUS-019B.....	3	BUS-019D.....	3	BUS-019F.....	3
	6		6		6

Inactivated Programs of Study

The 2018-2019 course catalog requires a revision. The following programs have been inactivated and are no longer an option for students:

- Human Services (LC)
 - Eligibility Worker (LC)
 - Mental Health Aide (LC)
 - Social Work Assistant (LC)
 - Youth Worker (LC)
 - Substance Abuse Specialist (LC)
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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.

The 2018-2019 course catalog requires an addition. The following courses should be added:

Agriculture (AG)	18
Agriculture Business (AGBUS)	19
Athletics (ATHL)	20
Business (BUS)	20
Computer Information Systems (CIS)	22
Culinary (CUL)	22
Electronics Technology (ELET)	23
Emergency Medical Training (EMT)	24
English (ENG)	24
Hotel Management (HM)	24
Industrial Technology Lemoore (ITEC)	25
Interdisciplinary Studies (IS)	25
Kinesiology (KINES)	26
Physical Education (PE)	26

Agriculture (AG)

AG 011 Agriculture Sales & Communicat (3)

Class Hours: 54 Lecture

Transfers to: Transfers to both UC/CSU

Agriculture Sales & Communication

AG 011 studies the principles and practices of the selling process: selling and approaches, why and how people buy, prospecting, territory management, and customer service. Self-management, communication, and interpersonal skills necessary in developing managerial abilities, leadership qualities, and facilitating teamwork within the agribusiness sector will be explored. Students will gain experience through role-play, formal sales presentations, and job shadowing. The course content is organized to give students an in-depth understanding of the factors and influences that affect the agribusiness industry on a day-to-day basis. Application of these concepts and methods through hands-on projects developing solutions for agriculture business. (C-ID AG-AB 112)

AG 015X Occup. Work Experience**(1 - 8)***Class Hours:* Work Experience*Transfers to:* Transfers to CSU only**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 Coalinga 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:* Transfers to CSU only**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. (C-ID AG-AB 104)

AGBUS 015 Computer Application to Agricu**(3)***Class Hours:* 54 Lecture*Transfers to:* Transfers to CSU only**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 covered. Also included will be accessing information through the internet and world wide web, telecommunications, and other software appropriate to precision agriculture. (C-ID AG-AB 108)

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

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: Transfers to CSU only

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.

Athletics (ATHL)

ATHL 024 Intercollegiate Men's Basketba (3)

Class Hours: 175 Laboratory

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

Transfers to: Transfers to CSU only

Intercollegiate Men's Basketball

ATHL 024 is designed to provide competition in basketball at the community college level. (AA, CSU)

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: Transfers to CSU only

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. (AA, CSU)

Business (BUS)

BUS 019A Intro to Project Management (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: Transfers to both UC/CSU

Introduction to Project Management

Bus 019A provides an overview of project management and the role of the project manager. Project management software will be used to develop a schedule for a project, develop dependencies between work packages, as well as track resources, work packages, and milestones.(AA/AS, CSU)

BUS 019B Project Integr & Scope Mgmt (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019A

Transfers to: Transfers to both UC/CSU

Project Integration & Scope Management

BUS 019B builds upon the introductory fundamentals of project management and the required technical skills, but goes further in understanding the actual implementation and development process of a plan through execution and adherence to scope management.(AA/AS, CSU)

BUS 019C Project Time & Cost Management (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019B

Transfers to: Transfers to both UC/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.(AA/AS, CSU)

BUS 019D Project Quality Management (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019C

Transfers to: Transfers to both UC/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.(AA/AS, CSU)

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

Class Hours: 54 Lecture

Prerequisite(s): BUS 019D

Transfers to: Transfers to both UC/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.(AA/AS, CSU)

BUS 019F Project Risk & Procurement Mgm (3)

Class Hours: 54 Lecture

Prerequisite(s): BUS 019E

Transfers to: Transfers to both UC/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.(AA/AS, CSU)

Computer Information Systems (CIS)

CIS 005F Intro to Information Assurance (3)

Class Hours: 54 Lecture

Transfers to: Transfers to CSU only

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: Transfers to both UC/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.(AA/AS, CSU)

Culinary (CUL)

CUL 061 Kitchen Management (3)

Class Hours: 54 Lecture

Transfers to: Not transferable

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.(AA/AS)

Electronics Technology (ELET)

ELET 001 Basic Electronics (dc) (3)

Class Hours: 36.00 Lecture | 54.00 Laboratory

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

Transfers to: Transfers to both UC/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 (3)

Class Hours: 36.00 Lecture | 54.00 Laboratory

Prerequisite(s): ELET 001

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: 36.00 Lecture | 54.00 Laboratory

Transfers to: Transfers to CSU only

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: 36.00 Lecture | 54.00 Laboratory

Prerequisite(s): ELET 003

Transfers to: Transfers to CSU only

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: 36.00 Lecture | 54.00 Laboratory

Prerequisite(s): ELET 003

Transfers to: Transfers to CSU only

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: 54.00 Lecture | 54.00 Laboratory
Prerequisite(s): ELET 001
Transfers to: Transfers to CSU only

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.

Emergency Medical Training (EMT)

- EMT 052 Anatomy and Physio for EMS (3)**
Class Hours: 45.00 Lecture | 27.00 Laboratory
Advisory(s): ENG 001A, MATH 063
Transfers to: Not transferable

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.(AA/AS)

English (ENG)

- ENG 005 American Literature (3)**
Class Hours: 54 Lecture
Prerequisite(s): ENG 001A
Transfers to: Transfers to both 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. (C-ID ENG 135) (AA/AS, CSU, UC)

Hotel Management (HM)

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

Hotel and Motel Management and 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.)AA/AS, CSU)

HM 066 Tourism and Convention*Class Hours:* 54 Lecture*Transfers to:* Not transferable**(3)**
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. (AA/AS)

Industrial Technology Lemoore (ITEC)**ITEC 008 Mechanical Systems***Class Hours:* 36.00 Lecture | 54.00 Laboratory*Advisory(s):* ENG 051A and MATH 061 (Recommended, Previous or concurrent).*Transfers to:* Transfers to CSU only**(3)**

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*Class Hours:* Work Experience*Transfers to:* Transfers to CSU only**(1 - 8)**

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 051 Portfolio Development***Class Hours:* 18 Lecture*Transfers to:* Not transferable**(1)**

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.(AA)

Kinesiology (KINES)

KINES 046 Care & Prevention of Athl Inju (3)

Class Hours: 3.00 Lecture | 54.00 Laboratory

Advisory(s): ENG 051A

Transfers to: Transfers to CSU only

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. (AA/AS, CSU)

Physical Education (PE)

PE 045 Coaching Team Sports (3)

Class Hours: 54 Lecture

Advisory(s): ENG 051A

Transfers to: Transfers to CSU only

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.
