

Lassen Community College 2025-2026 Catalog Addendum

This addendum contains updates to the 2025-2026 College Catalog. The information below replaces or supplements the information presented in the published catalog.

I. Revised Information

A. Replace the information on page 2 with the following:

Lassen Community College District Strategic Plan

Recommendation for revisions by Consultation Council – November 18, 2024

Approved by Board of Trustees – December 17, 2024

Vision

Lassen College will be a preferred rural destination college, driving regional growth, academic quality, student success, and workforce development, while serving as a trusted community leader.

Mission

Lassen College provides students from diverse backgrounds with equitable access and opportunities to pursue Certificates, Associate and Bachelor's degrees, and gain essential workforce skills. The college also prepares students for successful transfer to four-year colleges and universities

Institutional Goals

1. **Be Mission Driven**
2. **Increase Enrollment and Completion**
 - ❖ Maximize enrollment in current programs
 - ❖ Increase / improve certificate / degree / transfer completion
 - ❖ Increase equitable best practices
 - ❖ Increase retention of disproportionately impacted students
 - ❖ Explore other opportunities
3. **Improve and Expand Campus Facilities**
4. **Clear and Inclusive Participatory Governance**

Institutional Student Learning Outcomes

1. **Communication** - Ability to listen and read with comprehension and the ability to write and speak effectively
2. **Critical Thinking** - Ability to analyze a situation, identify and research a problem, propose a solution or desired outcome, implement a plan to address the problem, evaluate progress and adjust the plan as appropriate to arrive at the solution or desired outcome
3. **Life Long Learning** - Ability to engage in independent acquisition of knowledge; ability to access information including use of current technology; ability to use the internet and/or library to access and analyze information for relevance and accuracy; ability to navigate systems
4. **Personal/Interpersonal Responsibility** - Ability to develop and apply strategies to set realistic goals for personal, educational, career, and community development; ability to apply standards of personal and professional integrity; ability to cooperate with others in a collaborative environment for accomplishment of goals; ability to interact successfully with other cultures
5. **Cultural Awareness** – Ability to embrace awareness of the ways people respond to themselves and the world around them to understand social dynamics past and present including the interrelationship between the creative arts, the humanities and self; where individual and group differences are valued and contribute to our growth and understanding as an educational community.

Lassen College Values:

Student Success:

- Students reaching their goals
- Students being prepared for transfer to four-year institutions
- Students being prepared for employment
- Doing what is best for students
- Learning as a priority over teaching
- Students' needs; they are paramount in the learning process
- Recognizing and minimizing barriers to student success

Educational Excellence:

- Equitable student learning as the focal point of every experience
- High quality educational delivery
- Highly qualified instructors
- High quality technology and materials
- Well-equipped classrooms

Honesty/ Integrity:

- Trust in relationships
- Dependability
- Transparency
- Collaboration
- Sustainability
- Accountability

Dignity/Respect:

- Open forum for exchange of ideas
- Civility
- Collegiality
- Diversity & Equity
- Active listening and communication



B. Replace Catalog Rights information on page 5 with the following:

A catalog is in essence an agreement between the student and the college. Students earn degrees and certificates under the programs and policies outlined in a specific catalog. Students, who maintain continuous enrollment, meaning they attended at least one semester or summer session during the calendar year, may choose to graduate under the catalog in effect at the time they first enrolled at Lassen Community College or any catalog up to the time of graduation. Students who are considered returning students without continuous enrollment must follow the catalog up to the time of graduation. Students who are considered returning students without continuous enrollment must follow the catalog requirements in effect at the time of re- enrollment. For the purpose of catalog rights, the calendar year begins each spring and ends with the subsequent fall session.

C. Replace the information on page 37 and 38 with the following:

Associate Degree Requirements

Either an Associate in Arts or Associate in Science Degree shall be conferred upon those who satisfy all of the following requirements (Title V 51620-51626):

1. Completion of at least sixty (60) units of courses (numbered 1 – 99) used toward the degree, 12 of which must be completed 'in residence' at Lassen Community College.
2. Completion of a minimum of eighteen (18) units in a major or discipline as outlined in the college catalog.
3. A minimum grade of 'P' (Pass) or 'C' is required in each core course toward a degree or certificate of achievement with an overall 2.0 grade point average required in all course work. Please see the general education areas and courses that are applicable for the associate degree.
4. Completion of twenty-one semester units of general education is required to give breadth. Students must complete one course from each of the following areas for a total of twenty-one units:
 - Area 1: English Composition, Oral Communication, and Critical Thinking (minimum of 6 semester/8 quarter units) including:
 - 1A: English Composition (minimum of 3 semester/4 quarter units).
 - 1B: Oral Communication and Critical Thinking (minimum of 3 semester / 4 quarter units).
 - Area 2: Mathematical Concepts and Quantitative Reasoning (minimum of 3 semester / 4 quarter units).
 - Area 3: Arts and Humanities (minimum of 3 semester / 4 quarter units).
 - Area 4: Social and Behavioral Sciences (minimum of 3 semester / 4 quarter units).
 - Area 5: Natural Sciences (minimum of 3 semester / 4 quarter units).
 - Area 6: Ethnic Studies (minimum of 3 semester/4 quarter units).
5. ~~**Mathematics Competency Requirement:** In order to obtain the Associate Degree from Lassen Community College, a student must meet the math competency requirement. This requirement may be satisfied by either:
 - A 'C' or better in any three to five unit mathematics course at or above the Math 60 level from an accredited college or university. Or Score 3 or higher on the AP Calculus or Statistics exam.~~
6. ~~**Reading Competency Requirement:** In order to obtain an Associate Degree from Lassen Community College, a student must meet the reading competency requirement. This requirement may be satisfied by:
 - A. A "C" or better in a transfer level composition course (ENGL-1); or higher or equivalent from an accredited college or university
 - B. Score 3 or higher on the AP Language and Composition or AP Composition and Literature exam;
 - or
 - C. Possess an AA or AS degree.~~
7. ~~**Writing Competency Requirement:** In order to obtain the Associate Degree from Lassen Community College, a student must meet the writing competency requirement. This requirement may be satisfied by completion of English 1 or a higher level course, with a 'C' or better or the equivalent from an accredited college or university.~~

8. **Remedial Courses:** Courses numbered 100-109 do not count toward an Associate Degree.
9. **Applying for Your Degree/Certificate:** You must apply (petition to graduate) for your degree or certificate in the Counseling Office approximately Forms are due Oct 15 for December graduation and March 15 for May or August graduation. Forms can be found in your portal or on our website.

Associate Degrees for Transfer

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California Community College. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor’s degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU- transferable coursework with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 semester units after transfer to earn a bachelor’s degree (unless the major is a designated “high unit” major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system.



Students should consult with an academic counselor when planning to complete the degree for more information on university admission and transfer requirements.

The following are required for all AA-T and AS-T degrees:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. (While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with an academic counselor for more information.)
3. Completion of a minimum of 18 semester units with a “C” or better (or a “P” if the course is taken on a “pass-no pass basis”) in all courses required as a part of an AA-T or AS-T major as identified by the college catalog. (Title 5 § 55063)
4. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern.

II. New Courses

BUS 175 Entrepreneurship Essentials

0.0 units

30 hours lecture

This course equips students with the essential knowledge and skills to explore, plan, and launch a business. Entrepreneurs will apply their understanding of business concepts, strategies, and technology to transform ideas into viable opportunities, supported by research, data analysis, and business modeling. This course has been approved for online, hybrid, and correspondence

delivery.

BUS 176 Management Essentials

0.0 units

30 hours lecture

This course offers comprehensive coverage of small business operations, including key functions such as sales, production, procurement, human resources, and finance. It also explores essential managerial roles—planning, organizing, leading, and controlling—using real-world business examples to highlight core principles. The course may

also be available in an online or distance learning format.

**CARS-155 Career and Life Planning
0.0 units**

51 hours lecture

This course aids students in developing an initial career plan utilizing self-assessment of interests, values, capacities and needs along with occupational research to identify career pathways and related educational goals. Students receive instruction in career development theory, decision-making skills and are introduced to the campus community, including supportive services and campus resources for further career and educational planning. This course is approved for traditional, correspondence, hybrid and online delivery.

**FS-58.1 Water Rescue and
Awareness
and Operations
0.5 units**

This course emphasizes intermediate skills, strategies, and tactics for river and flood rescues. It covers shore-based rescue methods, throw bag techniques, and rope rigging systems, and it provides insights into rescue watercraft specifically designed for emergency services and public safety personnel. Students will develop an awareness of the hazards involved in water rescue and the importance of alerting the appropriate resources to stabilize incidents. Key topics include dynamic hydrology; recognizing and isolating hazards to rescuers and victims; managing a water rescue incident; incident size-up and communication; working with air assets and watercraft; selecting and using PPE and rescue equipment; searching for and managing victims; constructing and using technical rope rescue systems and skills; dynamic swimming; performing non-entry rescues from the shore; and terminating an incident.

This course is certified to industry standards and aligns with operations-level training based on NFPA 1006 (2021). A supplemental \$81.00 fee will be charged including a \$5.00 materials fee for student manual flash drive and a \$76.00 State Fire Training FSTEP certification fee is due to Lassen Community College and will be collected at the time of registration.

**WE 159 – Career Pathway Work
Experience
0.0 units**

This course involves student employment or internship providing meaningful work experiences related to the student's career pathway, combined with instruction in critical workplace skills. Work experience education may include paid or unpaid employment, full or part-time employment with a licensed business. Work Experience supports student educational and occupational goals, including developing career awareness, learning industry culture, and developing professional networks in career fields. All Work Experience enrollments require attendance of an orientation session. Instruction is also provided through course modules, work-based learning with a participating supervisor, and meetings in-office or at the student work site. Instruction focuses on goal setting to develop job-specific skills, enhancement of soft skills in the workplace, and career development. Subsequent enrollments require new individualized learning objectives. Minimum requirements for course completion are documentation of 51 work or volunteer hours completed with an approved business, achievement of approved learning objectives, participation in skill development exercises and acceptable workplace performance. This course is approved for open entry/open exit.

III. Revised Courses

AJ 52B – PC832 Firearms

1.0 unit

Co-requisite: AJ 52A

16 hours lecture/ 8 hours lab

A course certified by the California Peace Officer Standards and Training to qualify students to meet the requirement of PC 832. Enrollment limited to those with Department of Justice criminal history clearance (non-sponsored trainees), or law enforcement agency sponsored with DOJ clearance attestation from agency. Student must be at least 18 years of age. Course instructor signature required for enrollment. Material fees of \$15.00 and range use fee of \$10.00 per student will be collected at time of registration. Repeatable as necessary to maintain certification.

officers, fire investigators, and other personnel who are planning to work or who have been assigned to work an armed position. The course meets the California Peace Officers Standards and Training (POST) 832 Firearms requirements and will provide students with practical and realistic tactical exercises to build confidence and improve weapon handling skills. Enrollment limited to current California peace officers who are sponsored by their agency. Course instructor signature required for enrollment. Material fees of \$15.00 and range use fee of \$30.00 per student will be collected at time of registration. Repeatable as necessary to maintain certification.

AJ-52BR Firearms

Training/Refresher

0.5 units

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures.

8.5 hours lecture

An 8.5-hour course on firearms ownership, use, care, maintenance and shooting principles. Includes instruction while shooting on the range. This course meets state requirements for refresher/renewal training for a concealed weapons permit. Enrollment limited to those with Department of Justice criminal history clearance Course instructor signature required for enrollment. Material fees of \$15.00 and range use fee of \$10.00 per student will be collected at time of registration. Repeatable as necessary to maintain certification.

AJ 53 – Basic Force and Weaponry

2.0 units

Recommended Preparation:

Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures. 40 hours lecture
This course is designed for probation

AJ 55 - Tactical Rifle Instructor

1.5 units

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures.

20 hours lecture, 20 hours lab

This course is designed to prepare experienced law enforcement personnel to teach Tactical Rifle courses at the basic and in-service level. Topics include the role of the law enforcement rifle instructor, liability issues, instructor development, lesson plan preparation, basic marksmanship, shooter problem analysis, standard and non-traditional shooting positions, weapons transition, and tactical movement and cover. This course meets the minimum instructor certification requirements to be a POST Tactical Rifle instructor. This course assumes the student is proficient in the use of the designated weapons systems, as basic operator skills will not be taught. Due to current California Law, enrollment limited to current California peace officers who are sponsored by their agency. Course instructor signature required for enrollment. Material fees of \$25.00 and range use fee of \$40.00 per student will be collected at time of registration.

AJ 56 – Firearms Instructor

1.5 units

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures.

This course is designed to prepare experienced law enforcement personnel to teach firearms courses at the basic and in-service level. Topics include the role of the law enforcement firearms instructor, liability issues, instructor development, lesson plan preparation, basic marksmanship, shooter problem analysis, standard and non-traditional shooting positions, weapons transition, and tactical movement and cover. This course meets the minimum instructor certification requirements to be a POST pistol and shotgun instructor. This course assumes the student is proficient in the use of the designated weapons systems, as basic operator skills will not be taught.

Enrollment limited to current California peace officers who are sponsored by their agency. Course instructor signature required for enrollment. Material fees of \$25.00 and range use fee of \$40.00 per student will be collected at time of registration.

AJ 57 – Firearms Tactical Rifle

1.0 units

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures. This course provides students introduction to the patrol rifle, its uses and specific understanding and familiarization of the rifle in conjunction with its abilities and deployment options. Includes weapon nomenclature, maintenance, storage, California Penal Code sections, and review of Department policies of utilizing the patrol rifle. Successful completion of this course satisfies the legislative training mandate to possess short barrel rifles as specified in Penal Code section 33220(b) and the California POST training requirement to possess long barrel rifles as specified in POST Commission Regulation 1081. Must be a current California Peace Officer sponsored by an Agency. Instructor will verify qualifications before signing registration card. Material fees of \$10.00 and range use fee of \$20.00 per student will be collected at time of registration. Repeatable as necessary to maintain certification.

AJ 58 – Perishable Skills for Peace Officers

1.0 units

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures.

20 hours lecture

This Course is designed for current peace officers to meet California Peace Officer Standards and Training (POST) mandated bi-annual perishable skills training requirements. Students will receive refresher knowledge and skills in officer safety, proper and safe firearms handling,

storage and cleaning techniques, proper and safe tactical movement, arrest and control techniques, safe and efficient driver awareness techniques, and effective verbal and non-verbal use of force and/or communications used in policing. Enrollment limited to current California peace officers. Course instructor signature required for enrollment. Material fees of \$10.00 and range use fee of \$10.00 per student will be collected at time of registration. Course may be repeated as needed for recertification.

AJ 66 - Tactical Operation

1.0 units

Prerequisites: California Peace Officer sponsored by their agency.

Recommended Preparation: Prepared to enter Introduction to Academic Reading, Writing, and Critical Thinking or equivalent through multiple measures.

16 hours lecture/ 8 hours lab

The purpose of this course is to increase the skill level of law enforcement officers, as first responders, in their ability to effectively respond to an active threat. This course will focus on increasing the effectiveness of room clearing, tactical withdrawal, setting perimeters and responding to active shooters. This course will utilize simunitions to train in dynamic entries, room clearing and active shooter training. This course will also have a live firearm element. Both the

simunitions and live fire drills will simulate the physical and mental stress that would be most nearly created by actual field combat situations. This course is certified by the California Commission on Peace Officer Standards and Training (POST) and the California Board of State and Community Corrections, Standards and Training for Corrections (STC). Course instructor signature required for enrollment. Material fees of \$25.00 and range use fee of \$10.00 per student will be collected at time of registration.

WT 52 – Robotic Operations and Programming

3.0 units

Recommended Preparation: Prepared to enter Introduction to College Reading, Writing, and Critical Thinking or equivalent through multiple measures.

17 hours lecture

102 hours lab

This course is the first in a two-part series in robotics. The course will provide a student with the skills to safely set up, program, and operate a robot using basic software functions. This course has been approved for hybrid delivery.

IV. Inactivated Courses

MATH 7 - Trigonometry

3.0 units

CSU

 **General Education Area D2
CSU GE Area B4**

Prerequisite: MATH 60 Intermediate Algebra or equivalent multiple measures placement.

51 hours lecture

A study of the numerical, graphical, and analytical properties of trigonometric functions, oblique triangles, inverse functions, and applications. This course

has been approved for online delivery. This course uses a free Open Educational Resource textbook.

MATH 8 - Advanced Algebra

3.0 units

General Education Area D2

CSU/UC

CSU GE Area B4

IGETC Area 2A

Prerequisite: MATH 60 Intermediate Algebra or equivalent multiple measures

placement.
 51 hours lecture
 This course solidifies the basic foundation needed by students planning to study the analytic geometry and calculus sequence. Topics include: general theory of equations, polynomial and rational inequalities, conic

sections, exponents and logarithms; an introduction to sequences, series, matrices and their applications. This course is recommended for math, science, engineering and business students. This course has been approved for online and hybrid delivery.

MATH 60 - Intermediate Algebra
4.0 units

General Education Area D2
 51 hours lecture/51 hours lab

This course is a continuation of Beginning Algebra and is designed to develop the algebra skills necessary for college level math courses. Topics include: linear, quadratic, inverse, exponential, and logarithmic functions; real and complex solutions of quadratic equations; systems of equations and inequalities, sequences and the Binomial Theorem. This course satisfies the Mathematics competency requirement and AREA D2 (Language and Rationality) requirement for the AA/AS degree. This course has been approved for online, and correspondence delivery. This course has been approved to be web-enhanced. Access to a computer with internet access is required. This course has been approved for online and correspondence delivery.

MATH 166 Finite Mathematics Lab
0.0 units

Co-requisite: MATH 6 Finite Mathematics
 51 hours Lab

This course is to assist students in their successful completion of Finite Mathematics. Students will study Linear equations and functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques, an introduction to probability, and applications in business, economics, and social sciences. This course uses the text required in MATH 6 and additional materials supplied by the instructor. This course has been approved for online, hybrid delivery, and correspondence. Access to a computer with internet access may be required.

V. Program Revisions

Certificate of Achievement Engine Repair

Total Units for the Certificate of Achievement: Engine Repair: 20 units

Required Core Courses: 20 units

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|---|-------|-----------|--|-------|
| AT 50 | Car Care Basics | 3.0 | AT 72 | Engine Repair Short Block and Machining | 4.0 |
| AT 58 | Automotive Heating and Air Conditioning | 3.0 | AT 74 | Engine Repair and Machining-Cylinder Heads | 3.0 |
| AT 60 | Shop Management and Service Writer | 2.0 | AT 80 | Basic Electrical | 3.0 |
| AT 70 | General Automotive Lab | 2.0 | | | |

Student Success Preparation Certificate of Achievement

Total Units for the Certificate of Achievement: 18 units

Required Core Courses: 18 units

Select 6 units from the following:

| Course No | Course Title | Units |
|---|--|-------|
| *ENGL C1000 or Cal-GETC area 1A <u>and</u> | Academic Reading and Writing | 3.0 |
| MATH 6 or Cal-GETC area 2A <u>or</u> | Finite Mathematics | 3.0 |
| MATH 1A <u>or</u> | Analytical Geometry and Calculus | 5.0 |
| MATH 1B <u>or</u> | Analytical Geometry and Calculus II | 5.0 |
| MATH 24 <u>or</u> | College Algebra for Liberal Arts | 3.0 |
| *STAT C1000 | Introduction to Statistics | 3.0 |

Select 12 units from the following:

| Course No | Course Title | Units |
|---------------------------------------|--|-------|
| *ENGL C1001 or Cal-GETC area 1B | Critical Thinking and Writing | 3.0 |
| *COMM C1000 or Cal-GETC area 1C | Introduction to Public Speaking | 3.0 |
| ES 1 or Cal-GETC area 6 | Introduction to Ethnic Studies | 3.0 |
| *POLS C1000 | American Government and Politics | 3.0 |
| HIST 16 | US History | 3.0 |
| HIST 17 | Post Civil War US History | 3.0 |

Associate in Arts Degree University Studies: Emphasis in Social Sciences

Total Units for the Associate in Arts Degree: 60 Units

Required Core Courses: 18 Units

Select 18 units from the following:

| Course No | Course Title | Units | | Units |
|-----------|--|-------|--|-------|
| | | | *PLSC 1 OR American Institutions | 3.0 |
| AJ 10 | Criminology | 3.0 | POLS C1000 | |
| AJ 12 | Introduction to Criminal Justice | 3.0 | *PSY 1 OR Introduction to Psychology | 3.0 |
| AJ 20 | Criminal Law | 3.0 | PSYC C1000 | |
| AGR 2 | Agricultural Economics | 3.0 | PSYC 5 Introduction to Research Methods | 3.0 |
| ANTH 2 | Cultural Anthropology | 3.0 | PSYC 6 Abnormal Psychology | 3.0 |
| CD 31 | Child Development: Conception Through Adolescence | 3.0 | PSYC 18 Life Span Development | 3.0 |
| | | | PSYC 31 Child Development: Conception Through Adolescence | 3.0 |
| ECON 10 | Macro-economics | 3.0 | | |
| ECON 11 | Micro-economics | 3.0 | PSYC 33 Psychology of Personal and Social Adjustment | 3.0 |
| ES 1 | Ethnic Minorities in America | 3.0 | | |
| GEOG 2 | Cultural Geography | 3.0 | SOC 1 Introduction to Sociology | 3.0 |
| HIST 14 | World History-Beginning to 1500 | 3.0 | SOC 2 Social Problems | 3.0 |
| HIST 15 | World History-1500 to Present | 3.0 | SOC 3 Family Relations | 3.0 |
| HIST 16 | U.S. History | 3.0 | SOC 4 Introduction to Gender | 3.0 |
| HIST 17 | Post-Civil War U.S. History | 3.0 | | |
| HUM 1 | Western Civilization-Prehistoric to 1600 | 3.0 | | |
| HUM 2 | Western Civilization-1600 to Present | 3.0 | | |

Completion of the Cal-GETC General Education Pattern
Remaining Units to total 60 Units may be selected from
courses numbered 1-49

Associate in Arts Degree in History for Transfer

Total Units for the Associate in Arts Degree with a minimum grade point average of 2.0: 60 Units

Required Core Courses minimum grade 2.0: 18-19 Units

Complete the following 12 Units:

| Course No | Course Title | Units |
|-----------|-----------------------------------|-------|
| HIST 16 | U.S. History | 3.0 |
| HIST 17 | Post-Civil War – U.S. History | 3.0 |
| HIST 14 | World History-Prehistoric to 1500 | 3.0 |
| HIST 15 | World History-1500 to Present | 3.0 |

Select 3 additional Units from the following:

| | | |
|-------|---|-----|
| HUM 1 | Western Civilization-Prehistoric to 1600 | 3.0 |
| HUM 2 | Western Civilization-1600 to Present | 3.0 |

Complete the following 3 units:

| | |
|----------------------------------|-----|
| *PLSC 1 OR American Institutions | 3.0 |
| POLS C1000 | |

Completion of the Cal-GETC GE pattern
Remaining Units to Total 60 Units may be selected
from courses numbered 1 – 49.

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Associate in Science Degree in Registered Nursing Advanced Placement

Total Units for the Associate in Science Degree: 60 Units

Required Core Courses:

Complete the Following 20 Units: Required Core

Additional Program Requirements: 16 Units

| Course No | Course Title | Units | *SPCH 1 OR COMM C1000 | Public Speaking | 3.0 |
|-----------|---------------------------|-------|-----------------------------|--------------------------------|-----|
| NURS 9 | Medical Surgical III | 3.0 | ES 1 | Introduction to Ethnic Studies | 3.0 |
| NURS 10 | Advanced Maternal Child | 3.0 | PSYC 18 | Life Span Development | 3.0 |
| NURS 11 | Clinical Practice III | 3.0 | SOC 1 | Introduction to Sociology (3) | 3.0 |
| NURS 12 | Nursing Lab III | 2.0 | ASL 1 | American Sign Language I | 4.0 |
| NURS 13 | Medical Surgical IV | 3.0 | | | |
| NURS 14 | Clinical Practice IV | 3.0 | | | |
| NURS 15 | Nursing Lab IV | 1.0 | | | |
| NURS 16 | Comprehensive Review | 1.0 | | | |
| NURS 17 | Management and Leadership | 1.0 | | | |

Electives: Take 2 units numbered 1-99

See a counselor to prepare your educational plan with the latest scheduling information

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Associate in Science Degree in Vocational Nursing

Total Units for the Associate in Science Degree: 68 Units

Required Core Courses: 41 Units

| Course No | Course Title | Units | | | |
|-----------|----------------------|-------|-------|-------------------------------------|-----|
| VN 50 | Pharmacology | 4.0 | VN 55 | Nursing Leadership/Professional Dev | 2.0 |
| VN 51 | Nursing Fundamentals | 4.0 | VN 56 | Clinical Lab III | 6.0 |
| VN 52 | Clinical Lab I | 7.0 | VN 57 | Maternity Nursing | 2.0 |
| VN 53 | Adult Nursing Theory | 7.0 | VN 58 | Pediatric Nursing | 2.0 |
| VN 54 | Clinical Lab II | 6.0 | VN 60 | NCLEX VN Review | 2.0 |

See a counselor to prepare your educational plan with the latest scheduling information

Associate in Arts Degree General Studies: Emphasis in Social Sciences

Total Units for the Associate in Arts Degree: 60 Units

Required Core Courses: 18 Units

Select 18 units from the following:

| Course No | Course Title | Units | | | |
|-----------|---|-------|------------|---|-----|
| | | | *PLSC 1 OR | American Institutions | 3.0 |
| AJ 10 | Criminology | 3.0 | OLS C1000 | | |
| AJ 12 | Introduction to Criminal Justice | 3.0 | *PSY 1 OR | Introduction to Psychology | 3.0 |
| AJ 20 | Criminal Law | 3.0 | SYC C1000 | | |
| AGR 2 | Agricultural Economics | 3.0 | PSYC 5 | Introduction to Research Methods | 3.0 |
| ANTH 2 | Cultural Anthropology | 3.0 | PSYC 6 | Abnormal Psychology | 3.0 |
| BUS 22 | Business Law | 3.0 | PSYC 18 | Life Span Development | 3.0 |
| CD 31 | Child Development: Conception Through Adolescence | 3.0 | PSYC 31 | Child Development: Conception Through Adolescence | 3.0 |
| ECON 10 | Macro-economics | 3.0 | PSYC 33 | Psychology of Personal and Social Adjustment | 3.0 |
| ECON 11 | Micro-economics | 3.0 | | | |
| ES 1 | Ethnic Minorities in America | 3.0 | SOC 1 | Introduction to Sociology | 3.0 |
| GEOG 2 | Cultural Geography | 3.0 | SOC 2 | Social Problems | 3.0 |
| HIST 14 | World History-Beginning to 1500 | 3.0 | SOC 3 | Family Relations | 3.0 |
| HIST 15 | World History-1500 to Present | 3.0 | SOC 4 | Introduction to Gender | 3.0 |
| HIST 16 | U.S. History | 3.0 | | | |
| HIST 17 | Post-Civil War U.S. History | 3.0 | | | |
| HUM 1 | Western Civilization-Prehistoric to 1600 | 3.0 | | | |
| HUM 2 | Western Civilization-1600 to Present | 3.0 | | | |

Electives: 21 units Courses must be numbered 1-99
General Education Requirements: 21 Units

Note: This degree does not prepare a student to transfer to a University

Associate in Arts Degree in Social Work and Human Services for Transfer

Total Units for the Associate in Arts Degree with a minimum grade point average of 2.0: 60 Units

Total Core Courses minimum grade 2.0: 28 Units

Select 22 units from the following:

Required Electives: Select 6 units from the following:

| Course no | Course Title | Units | Course no | Course Title | Units |
|-------------|--|-------|------------|---|-------|
| HUS 10 | Introduction to Social Work and Human Services | 3.0 | AJ 12 | Introduction to Criminal Defense | 3.0 |
| HUS 42 | Field Experience in Social Work and Human Services | 2.0 | ANTH 2 | Cultural Anthropology | 3.0 |
| HUS 43 | Social Works and Human Services Seminar | 1.0 | CD 31 | Child Development: Conception Through Adolescence | 3.0 |
| SOC 1 | Introduction to Sociology | 3.0 | CD 12 | Child, Family, and Community | 3.0 |
| *PSYC C1000 | Introduction to Psychology | 3.0 | ENGL C1001 | Critical Thinking and Composition | 3.0 |
| *STAT C1000 | Introduction to Statistics | 3.0 | HIST 16 | US History | 3.0 |
| BIOL 25 | Human Anatomy and Physiology I | 4.0 | HIST 17 | Post Civil War US History | 3.0 |
| or | | | PSYC 6 | Abnormal Psychology | 3.0 |
| BIOL 26 | Human Anatomy and Physiology II | 4.0 | PSYC 18 | Lifespan Development | 3.0 |
| or | | | SOC 2 | Social Problems | 3.0 b |
| BIOL 21 | Human Anatomy with Lab | 4.0 | | | |
| or | | | | | |
| BIOL 22 | Humam Physiology with Lab | 4.0 | | | |
| ECON 10 | Macro-Economics | 3.0 | | | |
| or | | | | | |
| ECON 11 | Micro-Economics | 3.0 | | | |

Completion of the Cal-GETC General Education Pattern.

Remaining Units to total 60 Units may be selected from courses numbered 1-49

Associate in Arts Degree in Sociology for Transfer

Total Units for the Associate in Arts Degree with a minimum grade point average of 2.0: 60 Units

Required Core Courses minimum grade 2.0: 18 Units

Complete the following 9 units:

| Course No | Course Title | Units |
|-------------|----------------------------|-------|
| SOC 1 | Introduction to Sociology | 3.0 |
| SOC 2 | Social Problems | 3.0 |
| *STAT C1000 | Introduction to Statistics | 3.0 |

Select 3 additional units from the following:

| Course No | Course Title | Units |
|-------------|----------------------------|-------|
| *PSYC C1000 | Introduction to Psychology | 3.0 |
| *POLS C1000 | American Institutions | 3.0 |

Select 6 units from the following:

| | | |
|--------|-------------------------------------|-----|
| PSYC 5 | Introduction to Research Methods | 3.0 |
| SOC 3 | Family Relations | 3.0 |
| SOC 4 | Introduction to Gender | 3.0 |

Completion of the Cal-GETC GE pattern

Remaining units to total 60 units may be selected from courses numbered 1-49

Associate in Science Degree Welding Technology

Total Units for the Associate in Science Degree: 60 Units

Required Core Courses: 24 Units

| Course No | Course Title | Units |
|-----------|--|-------|
| WT 20 | Power Plant and Field Pipe Welding I | 3.0 |
| WT 21 | Power Plant and Field Pipe Welding II | 3.0 |
| WT 22 | Power Plant and Field Pipe Welding III | 3.0 |
| WT 23 | Power Plant and Field Pipe Welding IV | 3.0 |
| WT 36 | Welding Theory and Practice: Oxyacetylene | 3.0 |
| WT 37 | Welding Theory and Practice: Shielded Metal Arc Welding | 3.0 |
| WT 38 | Welding Theory and Practice: Gas Metal Arc Welding | 3.0 |
| WT 39 | Welding Theory and Practice: Gas Tungsten Arc Welding | 3.0 |
| BUS 25 | Small Business Management | 3.0 |

Required Electives: Select 15 units from the following:

| Course No | Course Title | Units |
|-----------|--|-------|
| IT 22 | Operations Management and Safety | 2.0 |
| IT 72 | Facilities Maintenance Welding | 2.0 |
| WT 42 | Intermediate Shielded Metal Arc Welding | 3.0 |
| WT 43 | Advanced Shielded Metal Arc Welding | 3.0 |
| WT 44 | Gas Metal Arc Welding | 3.0 |
| WT 45 | Gas Tungsten Arc Welding | 3.0 |
| WT 51 | Blueprint and Symbol Reading for Welders | 2.0 |
| WT 52 | Robotic Welding Operations and Programming | 3.0 |
| WT 53 | Robotic Welding Operations and Programming Advanced | 3.0 |

General Education Requirements: 21 units

Associate in Science Degree in Fire Technology

Total Units for the Associate in Science Degree: 60 Units

Required Core Courses:

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|--|-------|-----------|---|-------|
| FS 3 | Fundamentals of Fire Prevention | 3.0 | FS 70A | Single Resource Boss Academy | 2.5 |
| FS 4 | Fire Protection Equipment and Systems | 3.0 | FS 70B | Engine Boss (S-231) (Single Resources) | 1.0 |
| FS 5 | Fire Organization and Management | 3.0 | FS 70C | Single Resource Crew Boss (S-230) | 1.0 |
| FS 6 | Building Construction for Fire Protection | 3.0 | FS 72 | HazMat First Responder Operations | 1.0 |
| FS 13 | Fire Behavior and Combustion | 3.0 | FS 72A | HazMat First Responder – Refresher | 0.5 |
| FS 14 | Principles of Fire Safety and Survival | 3.0 | FS 72B | HazMat First Responder-Decontamination | 0.5 |
| | | | FS 72C | HazMat First Responder Awareness | 0.5 |
| | | | FS 72IC | HazMat Incident Commander | 1.0 |
| | | | FS 73A | Incident Business Management (S-260) | 1.0 |
| | | | FS 74 | Fire in the Interface (S-215) | 1.5 |
| | | | FS 75 | Fire Behavior (S-290) | 2.0 |
| | | | FS 76 | Firefighter Type 1 (Squad Boss S-131) | 0.5 |
| | | | FS 78 | Followership to Leadership (L-280) | 0.5 |
| | | | FS 80 | Firefighter Survival | 0.5 |
| | | | FS 81 | Wildland Firefighter Safety and Survival | 0.5 |
| | | | FS 84 | Lessons Learned (study of Fatal Fires) | 1.0 |
| | | | FS 85 | Understanding Maps, Compass & GPS | 1.0 |
| | | | FS 87 | Expanded Dispatch Recorder | 1.0 |
| | | | FS 89 | Wildland Fire Chainsaws(S-212) | 1.0 |
| | | | FS 90 | Portable Pumps and Water Use (S-211) | 1.0 |
| | | | FS 92A | Company Officer 2A-Human Resource Management for Company Officers | 2.0 |
| | | | FS 92B | Company Officer 2B -General Administrative Functions for Company Officers | 1.0 |
| | | | FS 92C | Company Officer 2C: Fire Inspections and Investigation for Company Officers | 2.0 |
| | | | FS 92D | Company Officer 2D: All-Risk Command Operations | 2.0 |
| | | | FS 92E | Company Officer 2E-Wildland Incident Operations for Company Officers | 2.0 |
| | | | FS 94 | All Risk Strike Team Leader(S-330) | 1.5 |
| | | | FS 95 | Initial Attack Incident Command (S-200) | 1.5 |
| | | | FS 96 | Low Angle Rope Rescue | 0.5 |
| | | | FS 97A | Fire Control 4A: Controlling Ignitable Liquids and Gases | 0.5 |
| | | | FS 97B | Fire Control 3: Structural Firefighting – (Live Fire) | 1.0 |
| | | | FS 98.18 | Annual Fireline Safety Refresher Training | 0.5 |
| | | | FS 98.20 | Incident Safety Awareness for Hired Vendors | 0.5 |
| | | | FS 98.21 | Volunteer Firefighter Academy | 2.5 |
| | | | FS 132 | Critical 32 | 0.5 |
| BUS 25 | Small Business Management | 3.0 | | | |
| BUS 27 | Business Communications | 3.0 | | | |
| EMT 21 | Emergency Medical Responder | 2.5 | | | |
| EMT 60 | Emergency Medical Technician | 8.5 | | | |
| FS 7 | Intro to CA Native Forest Management | 3.0 | | | |
| FS 8 | Wildland Fire Suppression | 2.0 | | | |
| FS 20 | First Aid/CPR for Public Safety Employees | 1.5 | | | |
| FS 23 | Firing Operations (S-219) | 1.0 | | | |
| FS 26 | Basic Air Operations (S-270) | 1.0 | | | |
| FS 49 | Fire Technology Work Experience | 1-8 | | | |
| FS 50 | Rapid Intervention Crew (RIC) Operations | 0.5 | | | |
| FS 51 | Introduction to Fire Technology Careers | 1.0 | | | |
| FS 52 | Intermediate Incident Command System for Expanding Incidents (ICS-300) | 1.0 | | | |
| FS 56 | Helicopter Crewmember (S-271) | 2.0 | | | |
| FS 57 | Vehicle Extraction | 1.0 | | | |
| FS 58.1 | Water Rescue Awareness and Operations | 0.5 | | | |
| FS 59 | Confined Space Awareness | 0.5 | | | |
| FS 60.1 | Cal Fire Module 1A Structural Firefighter | 6.0 | | | |
| FS 60C | Cal Fire Module 1C Wildland Firefighter | 3.0 | | | |
| FS 61 | Basic Firefighter Training (Basic 32) | 2.0 | | | |
| FS 64 | Fire Instructor 1-Instructor Methodology | 2.0 | | | |
| FS 64B | Fire Instructor 2- Instructor Development | 2.0 | | | |
| FS 65A | Driver Operator 1A | 1.5 | | | |
| FS 65B | Driver Operator 1B | 1.5 | | | |
| FS 65C | Wildland Fire Apparatus Operations | 0.5 | | | |
| FS 70 | Heavy Equipment Boss (S-236) | 1.0 | | | |

Electives: 9 units numbered 1-99

General Education Requirements: 21 units

See a counselor to prepare your educational plan with the latest scheduling information.

Certificate of Achievement Fire Technology

Total Units for the Certificate of Achievement: 30 Units

Required Core Courses: 18 units

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|--|-------|-----------|---|-------|
| FS 3 | Fundamentals of Fire Prevention | 3.0 | FS 70A | Single Resource Boss Academy | 2.5 |
| FS 4 | Fire Protection Equipment and Systems | 3.0 | FS 70B | Engine Boss (S-231) (Single Resources) | 1.0 |
| FS 5 | Fire Organization and Management | 3.0 | FS 70C | Single Resource Crew Boss (S-230) | 1.0 |
| FS 6 | Building Construction for Fire Protection | 3.0 | FS 72 | HazMat First Responder Operations | 1.0 |
| FS 13 | Fire Behavior and Combustion | 3.0 | FS 72A | HazMat First Responder – Refresher | 0.5 |
| FS 14 | Principles of Fire Safety and Survival | 3.0 | FS 72B | HazMat First Responder-Decontamination | 0.5 |
| | | | FS 72C | HazMat First Responder Awareness | 0.5 |
| | | | FS 72IC | HazMat Incident Commander | 1.0 |
| | | | FS 73A | Incident Business Management (S-260) | 1.0 |
| | | | FS 74 | Fire in the Interface (S-215) | 1.5 |
| | | | FS 75 | Fire Behavior (S-290) | 2.0 |
| | | | FS 76 | Firefighter Type 1 (Squad Boss S-131) | 0.5 |
| | | | FS 78 | Followership to Leadership (L-280) | 0.5 |
| | | | FS 80 | Firefighter Survival | 0.5 |
| | | | FS 81 | Wildland Firefighter Safety and Survival | 0.5 |
| | | | FS 84 | Lessons Learned (study of Fatal Fires) | 1.0 |
| | | | FS 85 | Understanding Maps, Compass & GPS | 1.0 |
| | | | FS 87 | Expanded Dispatch Recorder | 1.0 |
| | | | FS 89 | Wildland Fire Chainsaws(S-212) | 1.0 |
| | | | FS 90 | Portable Pumps and Water Use (S-211) | 1.0 |
| | | | FS 92A | Company Officer 2A-Human Resource Management for Company Officers | 2.0 |
| | | | FS 92B | Company Officer 2B -General Administrative Functions for Company Officers | 1.0 |
| | | | FS 92C | Company Officer 2C: Fire Inspections and Investigation for Company Officers | 2.0 |
| | | | FS 92D | Company Officer 2D: All-Risk Command Operations | 2.0 |
| | | | FS 92E | Company Officer 2E-Wildland Incident Operations for Company Officers | 2.0 |
| | | | FS 94 | All Risk Strike Team Leader(S-330) | 1.5 |
| | | | FS 95 | Initial Attack Incident Command (S-200) | 1.5 |
| | | | FS 96 | Low Angle Rope Rescue | 0.5 |
| | | | FS 97A | Fire Control 4A: Controlling Ignitable Liquids and Gases | 0.5 |
| | | | FS 97B | Fire Control 3: Structural Firefighting – (Live Fire) | 1.0 |
| | | | FS 98.18 | Annual Fireline Safety Refresher Training | 0.5 |
| | | | FS 98.20 | Incident Safety Awareness for Hired Vendors | 0.5 |
| | | | FS 98.21 | Volunteer Firefighter Academy | 2.5 |
| | | | FS 132 | Critical 32 | 0.5 |
| BUS 25 | Small Business Management | 3.0 | | | |
| BUS 27 | Business Communications | 3.0 | | | |
| EMT 21 | Emergency Medical Responder | 2.5 | | | |
| EMT 60 | Emergency Medical Technician | 8.5 | | | |
| FS 7 | Intro to CA Native Forest Management | 3.0 | | | |
| FS 8 | Wildland Fire Suppression | 2.0 | | | |
| FS 20 | First Aid/CPR for Public Safety Employees | 1.5 | | | |
| FS 23 | Firing Operations (S-219) | 1.0 | | | |
| FS 26 | Basic Air Operations (S-270) | 1.0 | | | |
| FS 49 | Fire Technology Work Experience | 1-8 | | | |
| FS 50 | Rapid Intervention Crew (RIC) Operations | 0.5 | | | |
| FS 51 | Introduction to Fire Technology Careers | 1.0 | | | |
| FS 52 | Intermediate Incident Command System for Expanding Incidents (ICS-300) | 1.0 | | | |
| FS 56 | Helicopter Crewmember (S-271) | 2.0 | | | |
| FS 57 | Vehicle Extraction | 1.0 | | | |
| FS 58.1 | Water Rescue Awareness and Operations | 0.5 | | | |
| FS 59 | Confined Space Awareness | 0.5 | | | |
| FS 60.1 | Cal Fire Module 1A Structural Firefighter | 6.0 | | | |
| FS 60C | Cal Fire Module 1C Wildland Firefighter | 3.0 | | | |
| FS 61 | Basic Firefighter Training (Basic 32) | 2.0 | | | |
| FS 64 | Fire Instructor 1-Instructor Methodology | 2.0 | | | |
| FS 64B | Fire Instructor 2- Instructor Development | 2.0 | | | |
| FS 65A | Driver Operator 1A | 1.5 | | | |
| FS 65B | Driver Operator 1B | 1.5 | | | |
| FS 65C | Wildland Fire Apparatus Operations | 0.5 | | | |
| FS 70 | Heavy Equipment Boss (S-236) | 1.0 | | | |



Gunsmithing

DEGREES

Associate in Science in Firearms Repair

CERTIFICATES OF ACHIEVEMENTS

Firearms Repair,
Gunsmith Machinist/ Metal Finisher

The Gunsmithing Program offers one A.S. degree and two Certificates of Achievement that each provide the student with a very specific set of skills in areas such as general gunsmithing, firearms repair, firearms customization and in the recognized specialty areas. Depending on the selected course of study, a student is provided with the skills to acquire an entry-level position in the industry. This program is also designed to assist those already employed in the industry and those in the community to improve or expand their skills. The curriculum is updated with the assistance of a business and industry advisory committee. In accordance with the provisions of the state penal code section numbers: (12021, 12021.5, 12050, and 12054), prospective students must file an approved affidavit with the Lassen Community College District as a prerequisite to program enrollment.

Attention! These degrees and certificates are slated for inactivation through Revitalization/Discontinuance process AP 4021.1. Only continuing students will be allowed to complete these degrees/certificates. Please speak with a counselor to discuss your options.

As an Gunsmithing major, you will:

- Study course work in design, function and repair, firearm laws and regulations, machining, metallurgy, stock fabrication and welding.
- Develop skills on how to install and replace components, clean, maintain, and service handguns, rifles and shotguns.
- Identify a particular type of firearm you are most interested in and build a course of study to better qualify you for a profession.

Career Options

Gunsmith Firearms Repair
Firearms Salesman
Law Enforcement Armorer
Department of Corrections
Armorer
Owner/Manager of a Gunsmith
Shop or Sporting Goods Store
Specialist in Custom Built Firearms

Factory Service Representative

Program Highlights

- One program designed to provide the student with a very specific set of skills in Gunsmithing
- 1800 sq.ft. modern machine shop.
- Student will be provided with the skills to acquire an entry-level position in the industry.

Associate in Science Degree: Firearms Repair

Total Units for the Associate in Science Degree: 77 units

Required Core Courses: 56 Units

| | | | | | |
|-------|---|-----|-------|---|-----|
| GS 50 | Gunsmith Machining - Basic | 5.0 | GS 63 | Design, Function and Repair of Shotguns | 4.0 |
| GS 51 | Gunsmith Machining – Advanced | 5.0 | GS 64 | Design, Function and Repair of Double Guns | 4.0 |
| GS 54 | General Gunsmithing – Basic | 3.0 | GS 68 | Design, Function and Repair of Revolvers | 4.0 |
| GS 55 | General Gunsmithing – Advanced | 2.0 | GS 69 | Design, Function and Repair of Auto Pistols | 4.0 |
| GS 57 | Metal Preparation and Bluing | 2.0 | GS 75 | Gunshop Law and Business Practices | 2.0 |
| GS 58 | Metal Finishing | 2.0 | WT 31 | GTAW for Gunsmiths | 3.0 |
| GS 59 | Understanding Headspace and Handloading | 2.0 | WT 32 | Advanced GTAW for Gunsmiths | 3.0 |
| GS 60 | Design, Function and Repair of Bolt Action Rifles | 3.0 | | | |
| GS 61 | Design, Function and Repair of Rifles | 4.0 | | | |
| GS 62 | Design, Function and Repair of Rimfire Rifles | 4.0 | | | |

General Education Requirements: 21 Units

Certificate of Achievement: Firearms Repair

Total units for the Certificate of Achievement: 59 Units

| | | | | | |
|-------|---|-----|-------|---|-----|
| GS 50 | Gunsmith Machining - Basic | 5.0 | GS 63 | Design, Function and Repair of Shotguns | 4.0 |
| GS 51 | Gunsmith Machining – Advanced | 5.0 | | | |
| GS 54 | General Gunsmithing – Basic | 3.0 | GS 64 | Design, Function and Repair of Double Guns | 4.0 |
| GS 55 | General Gunsmithing – Advanced | 2.0 | | | |
| GS 57 | Metal Preparation and Bluing | 2.0 | GS 68 | Design, Function and Repair of Revolvers | 4.0 |
| GS 58 | Metal Finishing | 2.0 | | | |
| GS 59 | Understanding Headspace and Handloading | 2.0 | GS 69 | Design, Function and Repair of Auto Pistols | 4.0 |
| GS 60 | Design, Function and Repair of Bolt Action Rifles | 3.0 | GS 70 | Stockmaking | 3.0 |
| | | | GS 75 | Gunshop Law and Business Practices | 2.0 |
| GS 61 | Design, Function and Repair of Rifles | 4.0 | WT 31 | GTAW for Gunsmiths | 3.0 |
| GS 62 | Design, Function and Repair of Rimfire Rifles | 4.0 | WT 32 | Advanced GTAW for Gunsmiths | 3.0 |

Program Student Learning Outcomes

Upon completion of the **Associate in Science Degree** or the **Certificate of Achievement in Firearms Repair**, the student will be able to:

1. Diagnose a specific firearm malfunction, execute the appropriate corrective step and verify the problem has been resolved.
2. Perform firearms repair and maintenance procedures on the large variety of firearms common to a retail gunsmithing operation and to do them legally under state and federal law..

Certificate of Achievement: Gunsmith Machinist and Metal Finishing

Total Units for the Certificate of Accomplishment Gunsmith Machinist and Metal Finishing: 30 Units

| | | | | | |
|-------|---|-----|-------|---|-----|
| GS 50 | Gunsmith Machining - Basic | 5.0 | GS 60 | Design, Function and Repair of Bolt Action Rifles | 3.0 |
| GS 51 | Gunsmith Machining – Advanced | 5.0 | | | |
| GS 54 | General Gunsmithing – Basic | 3.0 | WT 31 | GTAW for Gunsmiths | 3.0 |
| GS 55 | General Gunsmithing – Advanced | 2.0 | WT 32 | Advanced GTAW for Gunsmiths | 3.0 |
| GS 57 | Metal Preparation and Bluing | 2.0 | | | |
| GS 58 | Metal Finishing | 2.0 | | | |
| GS 59 | Understanding Headspace and Handloading | 2.0 | | | |

Program Student Learning Outcomes

Upon completion of the **Certificate of Accomplishment - Gunsmith Machinist and Metal Finishing**, the student will be able to:

1. Design and machine firearm parts and fixtures using the appropriate tools and techniques.
2. Apply the appropriate polishing technique and finish to metal firearms parts.



VI. New Programs

Certificate of Achievement Administration of Justice Law Enforcement

Total Units for the Certificate of Achievement: 21.5 units

Required Core Courses: 21.5 units

| Course No | Course Title | Units |
|-----------|-------------------------------------|-------|
| AJ 8 | Criminal Court Process | 3.0 |
| AJ 12 | Introduction to Criminal Justice | 3.0 |
| AJ 20 | Criminal Law | 3.0 |
| AJ 23 | Criminal Evidence | 3.0 |
| AJ 35 | Investigative Techniques | 3.0 |
| AJ 52A | PC832 Arrest Methods and Procedures | 2.5 |
| AJ 52B | PC 832 Firearms | 1.0 |
| AJ 53 | Basic Force and Weaponry | 2.0 |
| AJ 66 | Tactical Operations | 1.0 |

See a counselor to prepare your educational plan with the latest scheduling information.

Certificate of Achievement Administration of Justice Corrections

Total Units for the Certificate of Achievement: 16.5 units

Required Core Courses:

| Course No | Course Title | Units |
|-----------|--|-------|
| AJ 9 | Introduction to Correctional Science | 3.0 |
| AJ 52A | PC832 Arrest Methods and Procedures | 2.5 |
| AJ 52B | PC 832 Firearms | 1.0 |
| AJ 59 | First Aid/CPR/AED Refresher for Peace Officers 0.5 Units | 0.5 |
| AJ 60 | Adult Correctional Officer Core | 9.5 |

See a counselor to prepare your educational plan with the latest scheduling information.

Program Student Learning Outcomes

Upon completion of the **Certificate of Achievement in Administration of Justice - Law Enforcement** and the **Certificate of Achievement in Administration of Justice - Corrections**, the student will be able to:

1. Demonstrate an understanding of the workings of the criminal justice system by applying definitions, concepts, and principles to law enforcement, corrections, and the courts.
2. Apply critical thinking to research, evaluate, analyze and synthesize the appropriate procedures for the collection of evidence and data in criminal case preparation for law enforcement agencies.
3. Develop, organize and write an objective report that meets the legal and detailed requirements of law enforcement agencies.
4. Be academically prepared to obtain an entry-level or mid-level position within the Criminal Justice System.

Certificate of Achievement Biology Chemistry

Total Units for the Certificate of Achievement: 16-18 units

Select a minimum of 16 units from the following courses in area of emphasis:

| Course No | Course Title | Units |
|-----------|---|-------|
| BIOL 10 | Natural History of Plants & Animals | 4.0 |
| BIOL 20 | Microbiology | 5.0 |
| BIOL 21 | Human Anatomy with Lab | 4.0 |
| BIOL 22 | Human Physiology with Lab | 4.0 |
| BIOL 25 | Human Anatomy & Physiology I | 4.0 |
| BIOL 26 | Human Anatomy & Physiology II | 4.0 |
| BIOL 32 | Life Science | 3.0 |
| BIOL 32L | Life Science Lab | 4.0 |
| CHEM 1A | General Chemistry I | 5.0 |
| CHEM 1B | General Chemistry II | 5.0 |
| CHEM 8 | Introduction to Organic and Biochemistry | 4.0 |
| CHEM 40 | Survey of Chemistry and Physics | 3.0 |
| CHEM 40L | Teaching Laboratory for Survey of Chemistry and Physics | 1.0 |
| CHEM 45 | Introduction to Chemistry | 4.0 |

See a counselor to prepare your educational plan with the latest scheduling information.

Certificate of Achievement Natural Science

Total Units Required for Certificate of Achievement: 16-18 units

Select a minimum of 16 units from the following courses in area of emphasis:

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|-------------------------------------|-------|-----------|---|-------|
| AGR 10 | Introduction to Animal Science | 3.0 | BIOL 32L | Life Science Lab | 4.0 |
| AGR 19 | Introduction to Soil Science | 3.0 | CHEM 1A | General Chemistry I | 5.0 |
| AGR 20 | Introduction to Plant Science | 4.0 | CHEM 1B | General Chemistry II | 5.0 |
| ANTH 1 | Biological Anthropology | 3.0 | CHEM 8 | Introduction to Organic and Biochemistry | 4.0 |
| ASTR 1 | Introduction to Astronomy | 4.0 | CHEM 40 | Survey of Chemistry and Physics | 3.0 |
| BIOL 10 | Natural History of Plants & Animals | 4.0 | CHEM 40L | Teaching Laboratory for Survey of Chemistry and Physics | 1.0 |
| BIOL 20 | Microbiology | 5.0 | CHEM 45 | Introduction to Chemistry | 4.0 |
| BIOL 21 | Human Anatomy with Lab | 4.0 | GEOL 1 | Physical Geology | 4.0 |
| BIOL 22 | Human Physiology with Lab | 4.0 | GEOL 5 | Historical Geology & Paleontology | 4.0 |
| BIOL 25 | Human Anatomy & Physiology I | 4.0 | PHSC 1 | Physical Science | 3.0 |
| BIOL 26 | Human Anatomy & Physiology II | 4.0 | PHYS 2A | General Physics I | 4.0 |
| BIOL 32 | Life Science | 3.0 | PHYS 2B | General Physics II | 4.0 |

See a counselor to prepare your educational plan with the latest scheduling information.

Certificate of Achievement Social Science

Total Units Required for Certificate of Achievement: 16-18 units

Select a minimum of 16 units from the following courses in area of emphasis:

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|---|-------|------------|---|-------|
| AJ 10 | Criminology | 3.0 | HUM 1 | Western Civilization: Prehistoric Times to 1600 | 3.0 |
| AJ 12 | Introduction to Correctional Science | 3.0 | HUM 2 | Western Civilization: 1600 to Present | 3.0 |
| AJ 20 | Criminal Law | 3.0 | POLS C1000 | American Institutions | 3.0 |
| AGR 2 | Agricultural Economics | 3.0 | PSYC C1000 | Introduction to Psychology | 3.0 |
| ANTH 2 | Cultural Anthropology | 3.0 | PSYC 5 | Introduction to Research Methods | 3.0 |
| CD 31 | Child Development: Conception through Adolescence | 3.0 | PSYC 6 | Abnormal Psychology | 3.0 |
| ECON 11 | Micro-economics | 3.0 | PSYC 18 | Human Development: A Life Span | 3.0 |
| ECON 10 | Macro-economics | 3.0 | PSYC 31 | Child Development: Conception through Adolescence | 3.0 |
| ES 1 | Ethnic Minorities in America | 3.0 | PSYC 33 | Psychology of Personal and Social Adjustment | 3.0 |
| GEOG 2 | Cultural Geography | 3.0 | SOC 1 | Introduction to Sociology | 3.0 |
| HIST 14 | World History, Beginning to 1500 | 3.0 | SOC 2 | Social Problems | 3.0 |
| HIST 15 | World History, 1500 to Present | 3.0 | SOC 3 | Family Relations | 3.0 |
| HIST 16 | US History to 1877 | 3.0 | SOC 4 | Introduction to Gender | 3.0 |
| HIST 17 | US History since 1865 | 3.0 | | | |

See a counselor to prepare your educational plan with the latest scheduling information.

Certificate of Achievement Humanities

Total Units Required for this Certificate of Achievement: 16-18 Units

Select a minimum of 16 units from the following:

| Course No | Course Title | Units | Course No | Course Title | Units |
|-----------|---|-------|-----------|---|-------|
| ART 6 | Survey of Art History – Prehistoric through Renaissance | 3.0 | HUM 1 | Western Civilization: Prehistoric to 1600 | 3.0 |
| ART 7 | Survey of Art History –Renaissance through Contemporary | 3.0 | HUM 2 | Western Civilization: 1600 to Present | 3.0 |
| ART 8 | Art Appreciation | 3.0 | MUS 6 | Music History from Antiquity to 1750 | 3.0 |
| ENGL 12 | Survey of American Literature II | 3.0 | MUS 7 | Music History from 1750 to Modern Era | 3.0 |
| FILM 1 | History of the Cinema | 3.0 | MUS 12 | Music Appreciation | 3.0 |
| HIST 14 | World History, Beginning to 1500 | 3.0 | PHIL 10 | Comparative World Religions | 3.0 |
| HIST 15 | World History, 1500 to Present | 3.0 | | | |

See a counselor to prepare your educational plan with the latest scheduling information.

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Certificate of Achievement Registered Nursing Advanced Placement Prerequisites

Total Units for this Certificate of Achievement: 22 units

Advanced Placement students must hold a valid unencumbered license as a Vocational Nurse and IV Therapy certification in the state of California.

Complete the following 22 units:

| Course No | Course Title | Units |
|------------|------------------------------|-------|
| BIOL 20 | Microbiology | 5.0 |
| BIOL 21 | Human Anatomy with Lab | 4.0 |
| BIOL 22 | Human Physiology with Lab | 4.0 |
| ENGL C1000 | Academic Reading and Writing | 3.0 |
| STAT C1000 | Introduction to Statistics | 3.0 |
| NURS 50 | Nurse Role Transition | 3.0 |

See a counselor to prepare your educational plan with the latest scheduling information.

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Certificate of Achievement Registered Nursing Prerequisites

Total Units for this Certificate of Achievement: 19 units

Complete the Following 19 Units:

| Course No | Course Title | Units |
|------------|------------------------------|-------|
| BIOL 20 | Microbiology | 5.0 |
| BIOL 21 | Human Anatomy with Lab | 4.0 |
| BIOL 22 | Human Physiology with Lab | 4.0 |
| ENGL C1000 | Academic Reading and Writing | 3.0 |
| STAT C1000 | Introduction to Statistics | 3.0 |

See a counselor to prepare your educational plan with the latest scheduling information.