

Las Positas College  
Curriculum Committee Meeting  
10/20/2025  
6.0 Second Reading/Voting Packet

## 6.1. New Courses

Course Outline of Record, CSU Transfer, ADGE; 7, DE: EFO - Effective Term: **Fall 2026**

- KIN SBV1 Beginning Soccer Beach Volleyball
- KIN SBV2 Intermediate Soccer Beach Volleyball
- KIN SBV3 Advanced Soccer Beach Volleyball



**Admin Outline for Kinesiology SBV1**  
**Beginning Soccer Beach Volleyball**  
**Effective:** Fall 2026

**Catalog Description:**

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**KIN SBV1 - Beginning Soccer Beach Volleyball**  
**1.00 Units**

This is an introductory course in the sport of soccer beach volleyball, better known as "footvolley". Soccer beach volleyball, or "footvolley" is essentially the same sport as beach volleyball except players are not allowed to use their hands. This sport was created in the 1960's on the beaches in Brazil. Players play barefoot in the sand and compete with a teammate against two opponents. This exciting sport is played outside, on sand and here on the campus of Las Positas College. This course will provide instruction on the individual and team skills and strategies of beach soccer volleyball, also known as "footvolley".

1 Units Lab

**Course Grading:** Optional

|                              |    |
|------------------------------|----|
| <b>Lab Hours</b>             | 54 |
| <b>Inside of Class Hours</b> | 54 |

**Justification for course proposal**

LPC is investing into building a brand new outdoor athletic facility which includes 6 beach volleyball courts. Soccer beach volleyball, better known as "footvolley" is a popular outdoor sport created in the 1960's in Brazil that use rules that are based on those of beach volleyball and is essentially the same sport except players are not allowed to use their hands in "footvolley". Creating this new curriculum for students supports our colleges financial efforts with this new outdoor facility. Simply put curriculum is required to use this new facility and Soccer Beach Volleyball is an excellent and creative new course that provides options for course offerings at this new facility.

**Discipline:**

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Kinesiology

**Number of Times Course May Be Taken for Credit:**

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1

**Course Objectives:**

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Upon completion of this course, the student should be able to:

- A. Demonstrate proper mechanics of serving, reception, set up and attack
- B. Identify the rules, etiquette, court features, and scoring
- C. Identify appropriate footwork and court positioning
- D. Identify a variety of offensive plays
- E. Identify team defenses for offensive plays
- F. Demonstrate appropriate team serve reception
- G. Explain individual and team strategies
- H. Develop an awareness of physical fitness through active participation of beach soccer volleyball

## **Course Content:**

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- 1. Fundamentals of the reception, set up, attack, block and serve
- 2. Beach soccer volleyball terminology, rules, scoring, and etiquette
- 3. Appropriate footwork and court positioning
- 4. Individual and team strategies
- 5. Multiple team offenses
- 6. Team serve reception
- 7. Defensive techniques
- 8. Stretching, warm up, and physical conditioning for beach soccer volleyball

## **Methods of Instruction:**

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- 1. Demonstration - Aerobic and anaerobic workouts
- 2. Demonstration - Skill-related volleyball strength building exercises

## **Typical Outside-of-Class Assignments**

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- A. Reading:
  - 1. Readings of handouts and text.
- B. Laboratory:
  - 1. Development and application of basic strategy and court positioning.
  - 2. Proper skill selection during games and drills.
  - 3. Evaluation and critique of tournament and match play.

## **Methods of Evaluating Student Progress**

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- A. Class Participation
  - 1. assessed daily
- B. Individual consultation with students
  - 1. weekly

## **Student Learning Outcomes**

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Upon the completion of this course, the student should be able to:

- A. Demonstrate cooperation and team work within round-robin play.

- B. Demonstrate knowledge of the basic terminology and skills needed to participate in Soccer beach volleyball.
- C. Demonstrate appropriate offensive and defensive strategies of soccer beach volleyball

## Textbooks (Typical):

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### Textbook:

- 1. Donald T. Kirkendall; Adam Sayers *Soccer Anatomy*. 2 ed., Human Kinetics, 2021.
- 2. Wilkinson Jolyn, Sam Enrico *A Beginners Guide to Footvolley*. 1 ed., SamEnrico, 2014.

## Other Materials Required of Students

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### Other Materials Required of Students:

- 1. Students will need to wear proper footwear which consist of athletic footwear, shorts, sweats or athletic attire is required..

## Equity Based Curriculum

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- Course Content  
**Address**  
Reflective: Allows students opportunities to share cultural circumstances with other students.
- Methods of Instruction  
**Address**  
Create an inclusive space for students. Discussions should represent a variety of views, and students should feel comfortable expressing themselves.
- Methods of Evaluation  
**Address**  
Hold every student to high expectations.
- Typical Texts  
**Address**  
Expose students to a spectrum of multicultural and female experts, writers and artists.

## DE Proposal

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### Delivery Methods

- **Emergency Fully Online (EFO)**

### Accessibility:

- Closed captioning for videos.
- Transcription for audio.
- Alt-text/ tags for images.
- Utilizing headers/styles for text formatting to make web pages accessible for screen readers.
- Utilizing headers/styles for text formatting to make Word, PowerPoint, PDF, etc. accessible for screen readers.
- Formatting and coding to make tables accessible for screen readers.
- Exploratory links.

- Proper color contrast.
- Modifying assignment time limits for students with accommodations.

#### Syllabus:

- Instructor response time.
- Grade turnaround time.
- Student participation.
- Instructor participation.
- Student rights and responsibilities.
- Student behavior in a DE course.
- Academic Integrity.

#### Course Objectives:

- The same standards of course quality identified in the course outline of record can be applied.
- The content identified in the course outline of record can be presented effectively and with the same degree of rigor.
- A student can achieve the same goals and objectives identified in the course outline of record.
- The same assignments in the course outline of record can be completed by the student and graded by the instructor.
- The same assessments and level of student accountability can be achieved.

## DE Course Interaction

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### Instructor-Student Interaction

- **Discussion board:** *The instructor will regularly participate in discussions that deal with academic content, will consistently provide substantive feedback, and will facilitate all discussions.*  
**Frequency:** 1 per module
- **Feedback on assignments:** *The instructor will provide regular substantive, academic feedback to students on assignments and assessments. Students will know the reason for the grade they received and what they can do to improve.*  
**Frequency:** weekly

### Student-Student Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions posed by the instructor. They will also reply to each other's postings.*  
**Frequency:** 1 per module

### Student-Content Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions on course content posed by the instructor.*  
**Frequency:** 1 per module

## General Education/Transfer Request

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### General Education/Transfer Request

CSU Transfer

- Transfers to CSU

Las Positas College GE

- 7 - Kinesiology

UC Transfer

- Transfers to UC

## Codes and Dates

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### Course CB Codes

#### CB00: State ID

CCC000612333

#### CB03: TOP Code

083500 - Physical Education

#### CIP Code

31.0501 - Sports, Kinesiology, and Physical Education/Fitness, General.

#### CB04: Credit Status

D - Credit - Degree Applicable

#### CB05: Transfer Status

A - Transferable to both UC and CSU.

#### CB08: Basic Skills Status

N - Not Basic Skills

#### CB09: SAM Code

E - Non-Occupational

#### CB10: Cooperative Work Experience

N - Is not part of a cooperative work experience education program.

#### CB13: Special Class Status

N - Course is not a special class.

#### CB21: Course Prior to College

Y - Not applicable

#### CB22: Non Credit Course Category

Y - Not Applicable, Credit course

#### CB23: Funding Agency Category

Y - Not Applicable (funding not used to develop course)

#### CB24: Program Status

1 - Program Applicable

#### CB25: Course General Education Status

Y. Not Applicable

#### CB26: Course Support Course Status

N - Course is not a support course



**Admin Outline for Kinesiology SBV2  
Intermediate Soccer Beach Volleyball  
Effective: Fall 2026**

**Catalog Description:**

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**KIN SBV2 - Intermediate Soccer Beach Volleyball  
1.00 Units**

This is a course designed and developed for the intermediate level beach soccer volleyball player. It is a continuation of beginning beach soccer volleyball with an emphasis on executing the fundamental skills and techniques of power beach soccer volleyball at a higher level. This course differs from beginning beach soccer volleyball in that set patterns and systems of offense and defense are used in a team strategy. Before enrolling, students should have proficiency in the skills of passing and receiving.

1 Units Lab

**Recommended Course Preparation:** KIN SBV1 with a minimum grade of C.

**Course Grading:** Optional

|                              |    |
|------------------------------|----|
| <b>Lab Hours</b>             | 54 |
| <b>Inside of Class Hours</b> | 54 |

**Justification for course proposal**

LPC is investing into building a brand new outdoor athletic facility which includes 6 beach volleyball courts. Soccer beach volleyball, better known as "footvolley" is a popular outdoor sport created in the 1960's in Brazil that use rules that are based on those of beach volleyball and is essentially the same sport except players are not allowed to use their hands in "footvolley". Creating this new curriculum for students supports our colleges financial efforts with this new outdoor facility. Simply put curriculum is required to use this new facility and Soccer Beach Volleyball is an excellent and creative new course that provides options for course offerings at this new facility.

**Discipline:**

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Kinesiology

**Number of Times Course May Be Taken for Credit:**

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1

**Course Objectives:**

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Upon completion of this course, the student should be able to:

- A. Display an intermediate proficiency in defensive reception techniques including the chest, thigh and foot
- B. Demonstrate and intermediate proficiency of the basic offense and the advanced offense systems of soccer beach volleyball
- C. Articulate the rules of the game and specific strategies
- D. Exhibit high performance of the fundamental skills and techniques of setting with the chest, thigh and foot.

## Course Content:

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- 1. Introduction
  - 1. Review basic fundamental techniques/skills
  - 2. Demonstrate the knowledge and the ability to specialize in one position in the front row.
  - 3. Demonstrate the knowledge and the ability to specialize in one position in the back row.
- 2. Conditioning
  - 1. Circuit Training
  - 2. Interval Training
  - 3. Cardiovascular Training
  - 4. Strength and Flexibility Training
- 3. Team Strategies
  - 1. Offense
    - 1. Side by side
    - 2. Front and back
  - 2. Defense
    - 1. Side by side
    - 2. Front and back
  - 3. Serving
    - 1. Heap of sand
    - 2. Strategies
    - 3. Team Work
- 4. Game Regulations – Rules
  - 1. Sets to win
  - 2. Rally Score
  - 3. No killer points
  - 4. Side changes during each game

## Methods of Instruction:

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- 1. Demonstration -

## Typical Outside-of-Class Assignments

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- A. Laboratory:
  - 1. Skills tests to demonstrate basic skills, defensive and offensive skills.
  - 2. Practice drills and team play to demonstrate an understanding of strategies and teamwork.

3. Written exams to show comprehension of rules and regulations, techniques and strategies.

## Methods of Evaluating Student Progress

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- A. Class Participation
  1. daily
- B. Exams/Tests
  1. 1-3 per semester
- C. Final Class Performance
  1. 1 per semester

## Student Learning Outcomes

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Upon the completion of this course, the student should be able to:

- A. Demonstrate basic reception and setup skills to include chest, thigh and foot.
- B. Explain basic rules for Soccer beach volleyball.
- C. Perform agility footwork general to athletics and sport specific to Soccer beach volleyball.

## Textbooks (Typical):

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### Textbook:

1. Dr. Justin Blake, Geen Urango *The Pillars Program: Beach Volleyball Partner Integration System.*, not listed, 2024.
2. Donald T. Kirkendall; Adam Sayers *Soccer Anatomy*. 2nd ed., Human Kinetics, 2021.
3. Wilkinson Jolyn, Sam Enrico *A Beginners Guide to Footvolley*. 1st ed., SamEnrico, 2014.

## Other Materials Required of Students

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### Other Materials Required of Students:

1. Appropriate exercise attire and gym footwear.

## Equity Based Curriculum

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- Methods of Instruction  
**Address**  
Create an inclusive space for students. Discussions should represent a variety of views, and students should feel comfortable expressing themselves.
- Methods of Evaluation  
**Address**  
Hold every student to high expectations.
- Typical Texts  
**Address**  
Expose students to a spectrum of multicultural and female experts, writers and artists.

## Requisite Skills

---

**Before entering this course, it is recommended that a student be able to:**

## DE Proposal

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### Delivery Methods

- **Emergency Fully Online (EFO)**

### Accessibility:

- Closed captioning for videos.
- Transcription for audio.
- Alt-text/ tags for images.
- Utilizing headers/styles for text formatting to make web pages accessible for screen readers.
- Utilizing headers/styles for text formatting to make Word, PowerPoint, PDF, etc. accessible for screen readers.
- Formatting and coding to make tables accessible for screen readers.
- Exploratory links.
- Proper color contrast.
- Modifying assignment time limits for students with accommodations.

### Syllabus:

- Instructor response time.
- Grade turnaround time.
- Student participation.
- Instructor participation.
- Student rights and responsibilities.
- Student behavior in a DE course.
- Academic Integrity.

### Course Objectives:

- The same standards of course quality identified in the course outline of record can be applied.
- The content identified in the course outline of record can be presented effectively and with the same degree of rigor.
- A student can achieve the same goals and objectives identified in the course outline of record.
- The same assignments in the course outline of record can be completed by the student and graded by the instructor.
- The same assessments and level of student accountability can be achieved.

## DE Course Interaction

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### Instructor-Student Interaction

- **Discussion board:** *The instructor will regularly participate in discussions that deal with academic content, will consistently provide substantive feedback, and will facilitate all discussions.*

**Frequency:** once per module

### Student-Student Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions posed by the instructor. They will also reply to each other's postings.*

**Frequency:** once per module

#### Student-Content Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions on course content posed by the instructor.*

**Frequency:** once per module

- **Quizzes, tests/exams:** *Quizzes will be used to make sure students completed assigned material and understood it.*

**Frequency:** 1 - 3 per semester

- **Other:**

**Frequency:** One final demonstration per semester

## General Education/Transfer Request

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### General Education/Transfer Request

Chabot College GE

- VA. Kinesiology

CSU GE

- E - Lifelong Learning and Self-Development

CSU Transfer

- Transfers to CSU

Las Positas College GE

- 7 - Kinesiology

UC Transfer

- Transfers to UC

## Codes and Dates

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Course CB Codes

**CB00: State ID**

CCC000612334

**CB03: TOP Code**

083500 - Physical Education

**CB04: Credit Status**

D - Credit - Degree Applicable

**CB05: Transfer Status**

A - Transferable to both UC and CSU.

**CB08: Basic Skills Status**

N - Not Basic Skills

**CB09: SAM Code**

E - Non-Occupational

**CB10: Cooperative Work Experience**

N - Is not part of a cooperative work experience education program.

**CB13: Special Class Status**

N - Course is not a special class.

**CB21: Course Prior to College**

Y - Not applicable

**CB22: Non Credit Course Category**

Y - Not Applicable, Credit course

**CB23: Funding Agency Category**

Y - Not Applicable (funding not used to develop course)

**CB24: Program Status**

1 - Program Applicable

**CB25: Course General Education Status**

Y. Not Applicable

**CB26: Course Support Course Status**

N - Course is not a support course



**Admin Outline for Kinesiology SBV3**  
**Advanced Soccer Beach Volleyball**  
**Effective:** Fall 2026

**Catalog Description:**

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**KIN SBV3 - Advanced Soccer Beach Volleyball**  
**1.00 Units**

Advanced techniques of soccer beach volleyball with emphasis on competitive play.

1 Units Lab

**Recommended Course Preparation:** KIN SBV2 with a minimum grade of C.

Course Grading: Optional

|                              |    |
|------------------------------|----|
| <b>Lab Hours</b>             | 54 |
| <b>Inside of Class Hours</b> | 54 |

**Justification for course proposal**

LPC is investing into building a brand new outdoor athletic facility which includes 6 beach volleyball courts. Soccer beach volleyball, better known as "footvolley" is a popular outdoor sport created in the 1960's in Brazil that use rules that are based on those of beach volleyball and is essentially the same sport except players are not allowed to use their hands in "footvolley". Creating this new curriculum for students supports our colleges financial efforts with this new outdoor facility. Simply put curriculum is required to use this new facility and Soccer Beach Volleyball is an excellent and creative new course that provides options for course offerings at this new facility.

**Discipline:**

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Kinesiology

**Number of Times Course May Be Taken for Credit:**

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1

**Course Objectives:**

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Upon completion of this course, the student should be able to:

- A. Apply principles of proper Soccer beach volleyball techniques.
- B. Evaluate skill development.
- C. Analyze advanced Soccer beach volleyball skills.

- D. Compare and contrast team strategies, offense, defense, and current developments in the sport.
- E. Evaluate recreational and sanctioned Soccer beach volleyball tournaments.
- F. Explain the competitive aspects of Soccer beach volleyball.

## Course Content:

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- 1. Rules and regulations of Soccer beach volleyball also known as "Footvolley"
- 2. Individual skills
  - 1. Serve receive; chest, thigh, foot
  - 2. Setting
    - 1. Front
    - 2. Back
    - 3. Quick sets
    - 4. Combination plays
  - 3. Attack
    - 1. Power shot
    - 2. Off speed shot
    - 3. Short attack
    - 4. Sun ball
  - 4. Serve
    - 1. Float
    - 2. Back Spin
    - 3. Top spin
    - 4. Side Spin
    - 5. Sun Ball
  - 5. Block
    - 1. Footwork: 2 step, 3 step, crossover
    - 2. One person
    - 3. Two person
- 3. Team skills
  - 1. Team serve
  - 2. Team receive
  - 3. Team offense
    - 1. side by side
    - 2. front and back
    - 3. Combo Combo
  - 4. Team defense
    - 1. side by side
    - 2. front and back

## Methods of Instruction:

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- 1. Demonstration -

## Typical Outside-of-Class Assignments

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A. Reading:

1. Read and study handouts and notes

B. Laboratory:

1. Analyze videos of individual performance
2. Demonstrate appropriate offensive and defensive strategies and rotations for advanced play.

## Methods of Evaluating Student Progress

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A. Class Participation

1. assessed daily

B. Exams/Tests

1. 1-3 per semester

C. Final Class Performance

1. 1 time per semester

## Student Learning Outcomes

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Upon the completion of this course, the student should be able to:

- A. Perform two serves, back spin and side spin taught in the course.
- B. Be knowledgeable of the collegiate and international rules of Soccer beach volleyball.
- C. Demonstrate an increase in fitness

## Textbooks (Typical):

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**Textbook:**

1. Dr. Justin Blake, Geen Urango *The Pillars Program: Beach Volleyball Partner Integration System*. 1 ed., Not found, 2024.
2. Donald T. Kirkendall; Adam Sayers *Soccer Anatomy*. 2 ed., Human Kinetics, 2021.

## Equity Based Curriculum

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- Methods of Instruction

**Address**

Create an inclusive space for students. Discussions should represent a variety of views, and students should feel comfortable expressing themselves.

- Methods of Evaluation

**Address**

Hold every student to high expectations.

- Typical Texts

**Address**

Expose students to a spectrum of multicultural and female experts, writers and artists.

## Requisite Skills

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**Before entering this course, it is recommended that a student be able to:**

- A. KIN SBV2

# DE Proposal

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## Delivery Methods

- **Emergency Fully Online (EFO)**

## Accessibility:

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- Transcription for audio.
- Alt-text/ tags for images.
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## Syllabus:

- Instructor response time.
- Grade turnaround time.
- Student participation.
- Instructor participation.
- Student rights and responsibilities.
- Student behavior in a DE course.
- Academic Integrity.

## Course Objectives:

- The same standards of course quality identified in the course outline of record can be applied.
- The content identified in the course outline of record can be presented effectively and with the same degree of rigor.
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# DE Course Interaction

---

## Instructor-Student Interaction

- **Discussion board:** *The instructor will regularly participate in discussions that deal with academic content, will consistently provide substantive feedback, and will facilitate all discussions.*

**Frequency:** once per module

## Student-Student Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions posed by the instructor. They will also reply to each other's postings.*

**Frequency:** once per module

## Student-Content Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions on course content posed by the instructor.*  
**Frequency:** once per module
- **Quizzes, tests/exams:** *Quizzes will be used to make sure students completed assigned material and understood it.*  
**Frequency:** 1-3 per semester
- **Student presentations:** *Students will prepare and present on a topic being studied.*  
**Frequency:** One final demonstration per semester

## General Education/Transfer Request

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### General Education/Transfer Request

#### CSU Transfer

- Transfers to CSU - Approved
- Transfers to CSU

#### Las Positas College GE

- 7 - Kinesiology
- 7 - Kinesiology

#### UC Transfer

- Transfers to UC
- Transfers to UC

## Codes and Dates

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### Course CB Codes

#### CB00: State ID

CCC000612335

#### CB03: TOP Code

083500 - Physical Education

#### CIP Code

31.0501 - Sports, Kinesiology, and Physical Education/Fitness, General.

#### CB04: Credit Status

D - Credit - Degree Applicable

#### CB05: Transfer Status

A - Transferable to both UC and CSU.

#### CB08: Basic Skills Status

N - Not Basic Skills

#### CB09: SAM Code

E - Non-Occupational

#### CB10: Cooperative Work Experience

N - Is not part of a cooperative work experience education program.

**CB13: Special Class Status**

N - Course is not a special class.

**CB21: Course Prior to College**

Y - Not applicable

**CB22: Non Credit Course Category**

Y - Not Applicable, Credit course

**CB23: Funding Agency Category**

Y - Not Applicable (funding not used to develop course)

**CB24: Program Status**

1 - Program Applicable

**CB25: Course General Education Status**

Y. Not Applicable

**CB26: Course Support Course Status**

N - Course is not a support course

## 6.2. Course Modifications

Course Outline of Record - Effective Term: **Fall 2026**

- HEA 29 Independent Study, Health

Course Outline of Record - Effective Term: **Fall 2027**

- SOCI C1000 Introduction to Sociology



## Course Modification: HEA 29 - Independent Study, Health

Course Modification: HEA 29 - Independent Study, Health (Launched - Implemented 09-07-2025)

compared with

HEA 29 - Independent Study, Health (Active - Implemented 03-12-2020)

## Admin Outline for Health 29 Independent Study, Health

**Effective:** Fall ~~2020~~ 2026

### Catalog Description:

#### HEA 29 - Independent Study, Health

0.50 - ~~0~~ 2.00 Units

Supervised study in the area of Health. Any student interested in registering for an Independent Studies course should contact a full/part-time instructor or dean in the appropriate area.

0 ~~Units~~ ~~Lecture~~ ~~0~~.5 - 2 Units Lab

Course Grading: Optional

#### **Lecture Hours**

**Lab Hours** 27 - 108

**Inside of Class Hours** 27 - 108

Justification for course proposal

### Discipline:

Health

### Number of Times Course May Be Taken for Credit:

1

### Course Objectives:

Upon completion of this course, the student should be able to:

- A. Develop a project in Public Health and/or Health to develop skills or deepen knowledge
- B. Complete the project according to established standards in the field
- C. Effectively communicate the essential concepts or results of the project to instructor

## Course Content:

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Lab:

Lecture:

1. Develop skills Knowledge and knowledge skills that reinforce , \_ or expand upon , Public Health and/or Health concepts
2. Develop Methodologies methodology and reporting structure for a structures project used in Public Health and/or Health fields
3. Communicate Theories the and essential relevant applications related to Public Health and/ or theories related to Health

## Methods of Instruction:

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1. Discussion - With instructor
2. Independent Study
3. Demonstration - As noted in the Independent study form
4. Projects - As noted in the Independent study form
5. Written Exercises - As noted in the Independent study form
6. Classroom Activity - Work with faculty member to develop necessary skills to full fill independent study.

## Typical Outside-of-Class Assignments

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A. Other Reading :

1. Reading Assignments

1. Identification of a research project may include extensive reading :

B. Writing Assignment

:

1. Identification of a topic related to independent study class may include a paper or other form of report of completed work :

C. Lab Work

Laboratory:

1. Completion of a project may include laboratory or field work

## Methods of Evaluating Student Progress

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### A. Lab Activities

1. status reports may be due weekly to promote frequency of activities completed during the week.

Entire lab activities due by the end of the semester

### B. Oral Presentation

1. due by the end of the semester

### C. Papers

1. due by the end of the semester

### D. Portfolios

1. due by the end of the semester

### E. Projects

1. status reports may be due weekly to promote frequency of activities completed during the week.

Entire project due by the end of the semester

### F. Research Projects

1. due by the end of the semester

### G. All other methods of evaluation are due by the end of the semester

## Student Learning Outcomes

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Upon the completion of this course, the student should be able to:

- A. Effectively communicate theories and applications of Public Health and/or Health through an independent project

## Textbooks (Typical):

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### Other Learning Materials: \_

1. Office of Disease Prevention and Health Promotion. (n.d.). Healthy People 2030. U.S. Department of Health and Human Services. <https://odphp.health.gov/healthypeople>
2. Centers for Disease Control and Prevention (CDC). National Center for Health Statistics. <https://www.cdc.gov/nchs/>.
3. Centers for Disease Control and Prevention. CDC Wonder. <http://wonder.cdc.gov/>.
4. Centers for Disease Control and Prevention. <https://cdc.gov>
5. Students must have access to the internet to conduct independent research

## Other Materials Required of Students

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### Other Materials Required of Students:

1. As needed.

## Equity Based Curriculum

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- [\\_ Measurable Objectives](#)  
[Address](#) \_  
[Measurable Objectives offer flexibility to students to choose the topic and format of project, thus promoting equitable access to students.](#)
- [\\_ Course Content](#)  
[Address](#) \_  
[Specific content is flexible, allowing students to choose the topic and format of project, thus promoting equitable access to students.](#)

## Requisite Skills

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## General Education/Transfer Request

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### General Education/Transfer Request

#### CSU Transfer

- Transfers to CSU [- Approved](#)

## Codes and Dates

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### Course CB Codes

#### CB00: State ID

CCC000589248

#### CB03: TOP Code

083700 - Health Education

#### CIP Code

#### CB04: Credit Status

D - Credit - Degree Applicable

#### CB05: Transfer Status

B - Transferable to CSU only.

#### CB08: Basic Skills Status

N - Not Basic Skills

#### CB09: SAM Code

E - Non-Occupational

#### CB10: Cooperative Work Experience

N - Is not part of a cooperative work experience education program.

#### CB11: Course Classification Status

#### CB13: Special Class Status

N - Course is not a special class.

#### CB21: Course Prior to College

Y - Not applicable

#### CB22: Non Credit Course Category

Y - Not Applicable, Credit course

**CB23: Funding Agency Category**

Y - Not Applicable (funding not used to develop course)

**CB24: Program Status**

2 - Not Program Applicable

**CB25: Course General Education Status**

**CB26: Course Support Course Status**

**CB27: Upper Division Status**



## Course Modification: SOCI C1000 - Introduction to Sociology

Course Modification: SOCI C1000 - Introduction to Sociology (Launched - Implemented 09-30-2025)

compared with

SOC 1 - Principles of Sociology (Active - Implemented 08-15-2021)

## Admin Outline for Sociology 1 C1000 Principles Introduction of to Sociology

Effective: Fall 2021 2027

### Catalog Description:

#### SOC SOCI 1 C1000 - Principles Introduction of to Sociology

3.00 Units

The This sociological course perspective introduces students to Sociology : scientific the study of human people, interaction groups, and society institutions as that shape people's lives. Through a whole-with-emphasis-on-impact mix of groups theory, on research, social and behavior, real-world systematic examples, examination students of explore key sociological concepts like culture ,inequality, power, collective action, and social organization, change. With content reflecting diverse histories and methodology lived experiences, students make connections between their lives and the social forces that influence individual opportunities and choices. Students in this course will develop a critical lens that allows them to better understand and transform themselves and society .

3 Units Lecture

Course Grading: Letter Grade Only

|                        |     |
|------------------------|-----|
| Lecture Hours          | 54  |
| Inside of Class Hours  | 54  |
| Outside of Class Hours | 108 |

Justification for course proposal

### Discipline:

Sociology

### Number of Times Course May Be Taken for Credit:

## Course Objectives:

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Upon completion of this course, the student should be able to:

- A. ~~Outline~~ Define multiple and apply the sociological imagination to everyday life.
- B. Compare a variety of major sociological theories and concepts and apply them to socially constructed dynamics.
- C. Explain what makes sociology a social/behavioral science and the methods sociologists use to ethically conduct research.
- D. Analyze the origins and processes of social theories
- E. ~~Apply~~ inequality, systemic oppression, and social theory change to using world an events intersectional approach.
- F. Identify and evaluate the social forces and structures that shape, guide, and influence individual and group behaviors in society.
- G. Outline the impacts of modernization and globalization on social institutions
- H. Explain how identities such as gender and race are socially constructed.
  - I. ~~Outline the impacts of modernization and globalization on social institutions~~
- J. Develop an argumentative research-based term paper
- K. Explain the workings of global economic and political systems
- L. Outline the symbiotic relationship between culture and social structure

## Course Content:

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1. ~~Culture~~ The Sociological Imagination
2. Sociological Theories and Paradigms
  1. Classical Theories including Structural Functionalism, Conflict Theory, and Symbolic Interactionism
  2. Contemporary Theories (such as Feminist Theory, Intersectionality, Queer Theory, Racial Formation Theory, and Social Structure Exchange Theory).
3. Sociological Research
  1. Qualitative Methods
  2. Quantitative Methods
  3. Ethical Considerations

#### 4. Society and Culture

##### 1. Components of culture

1. Symbols, language, norms, values

#### 5. ~~Impact of technology on culture~~ Socialization and ~~social~~ the ~~structure~~ Self

1. ~~Hunting and gathering, pastoral, horticultural, agricultural, industrial and post-industrial societies~~

#### 6. ~~Impact of modernization on social structure~~

1. ~~Statuses and roles~~
2. ~~Interaction in primary and secondary groups~~
3. ~~Mechanical and organic solidarity~~
4. ~~Gemeinschaft and geselleschaft~~

- ~~Socialization~~

##### 1. Development of the self

1. Mead
2. Cooley

##### 2. Agents of socialization

1. Family, media, school, and peer groups

### 3. Impact of modernization on socialization

#### 1. The creation of adolescence

- Social **Construction** Structure: Groups and Organizations

#### 1. Impact of **Identities** modernization on social structure

1. Statuses and roles
2. Interaction in primary and secondary groups
3. Mechanical and organic solidarity
4. Gemeinschaft and geselleschaf

- Conformity, Deviance, and Social Control

- Stratification, such as:

#### 1. Class and Socioeconomic Status

1. Caste

#### 2. Race and Ethnicity

1. American classifications vis-à-vis other societies
2. Social and legal definitions of race
3. Discrimination and prejudice
4. Relationships with the predominant culture: segregation, accommodation, acculturation, assimilation, amalgamation

5. Case study—one group's experience—e.g., Native Americans

3. Sex, Gender, and Gender Sexuality

1. Social construction of sex categories
2. Social construction of gender categories
3. Ethnomethodological approaches to gender – “doing gender”
4. Sexism in social institutions
5. Sexual = identities

4. Age

5. Disability

6. Global

1. Dependency e.g. theory
2. Worlds Systems theory: periphery, wage semi-periphery, gap core

- **Social Institutions**

1. **Religion**

1. **Social functions of religion**
2. Impact of **modernization** globalization on **religious** global **organization** politics
3. **Modern trends: secularization and state religion**

2. **Family**

1. **Social functions of family**

2. Impact of modernization globalization on family workers organization: in mate both selection; the marriage core and reproduction periphery.

- Stratification/Economic Impact Systems

1. Stratification of theory

1. Caste global migration: push and class societies
2. Functionalist theories: Davis-Moore pulls , meritocracies immigration to the U.S.
3. Conflict theories: Marx, Gans

- US Stratification

1. U.S. class breakdown
2. Relative v. absolute poverty
3. Recent class trends: downwards standard of living; younger people at economic risk; the disappearing working class; growth of inner cities; and class polarization

- Global Social Stratification

1. Dependency theory

2. Worlds Systems theory: periphery Institutions , semi-periphery; such core as:

1. Family

1. Social functions of family

2. Impact of globalization modernization on global family politics organization: mate selection, marriage and reproduction

2. Education

3. Mass Media

4. Religion

1. Social functions of religion

2. Impact of globalization modernization on workers religious in organization

3. Modern both trends: the-core secularization and periphery state religion

5. Impact of global migration: push Health and pulls Medicine

6. Economy and Work

7. Politics and Government

8. Criminal Justice System

3. Social Dynamics , immigration such to as:

1. Population

1. Demography

2. Urbanization

3. Globalization

4. Environment

5. Science the and U.S. Technology

1. Hunting and gathering, pastoral, horticultural, agricultural, industrial and post-industrial societies

#### 4. Social Movements and Change

- **Additional acceptable topics:**

1. **Deviance and crime**
2. **Sexual identities**
3. **Medical systems**
4. **Education systems**
5. **Political systems**
6. **Social change**
7. **Demography**
8. **Urbanization**
9. **Environment**
10. **Methods**

### Methods of Instruction:

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1. Audio-visual Activity - Film viewing
2. Lecture
3. Discussion
4. Video/web page visitation
5. Simulation 1. Ethnomethodological experimentation

### Typical Outside-of-Class Assignments

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#### A. **Other** Reading :

1. **Reading assignments**

1. Read Chapter 6: Race and Ethnicity

#### B. **Web visitation**

### Writing:

1. Go to [www.worldbank.org](http://www.worldbank.org) Answer the following questions: what are social indicators?  
How are they measured?

### C. Research:

1. Six page research-oriented term paper using raw data
  1. Using the World Bank Social Indicators Data Base, discover which countries have the lowest and highest infant mortality rate – why is infant mortality a problem in some regions and not in others?
  2. Using the 1990 and 2000 U.S. Census, outline the changing racial demographics over the past decade. What has caused the changes? What do you predict the future racial trends to be?

## Methods of Evaluating Student Progress

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- A. Class Participation
  1. Class participation can be evaluated for every class meeting
- B. Exams/Tests
  1. 2-4 per semester
- C. Papers
  1. Papers may be used weekly or less frequently depending on the amount of work involved
- D. Projects
  1. One or twice per semester
- E. Quizzes
  1. Weekly
- F. Research Projects
  1. Once towards the end of semester
- G. Methods of formative and summative evaluation used to assess course outcomes and objectives may include, but are not limited to, academic writing and analysis, reflections, participation and discussion, service learning, project-based learning, research, presentations, field journals, quizzes, and/or exams. Methods of evaluation and appropriate representative assignments will be determined at the discretion of local faculty.

## Student Learning Outcomes

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Upon the completion of this course, the student should be able to:

- A. ~~Upon completion of SOC 1, the students should be able to outline~~ Outline major sociological theories.
- B. ~~Upon completion of SOC 1, the students should be able to apply~~ Apply major sociological theories to world events.

- C. ~~Upon completion of SOC 1, the students should be able to outline~~ Outline the symbiotic relationship between culture and social structure.
- D. ~~Upon completion of SOC 1, the students should be able to explain~~ Explain how identities such as race, gender, sexuality, and class are socially constructed.
- E. ~~Upon completion of SOC 1, the students should be able to produce~~ Produce a document that connects sociological research methods to sociological theory.

## Textbooks (Typical):

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### OER: \_

1. Conerly, T., Holmes, K., Tamang, A., et al. *Introduction to Sociology*. 3rd /e, OpenStax, 2024.

### Textbook:

1. ~~Dalton~~ Khan, S., Sharkey, P., & Sharp, G. *A Sociology Experiment*. 3rd ed., CritReview, 2024.
2. Henslin, J. *Sociology: A Down-to-Earth Approach*. 15th ed., Pearson, 2024.
3. Wade, L. *Terrible Magnificent Sociology*. 2nd ed., Norton, 2025.
4. Conley, D. *You May Ask Yourself*. 6 8th ed., W. W. Norton & Company, 2019 2024.
5. ~~George~~ Ritzer, G., J.M. Ryan *Introduction to Sociology*. 5 6th ed., Sage Publications, 2019 Inc., 2023.
6. ~~Anthony~~ Giddens, A., et al. *Introduction to Sociology*. 12 13 ed., W.W. Norton & Company, 2020 2024.

### Other Learning Materials: \_

1. Textbook choice is at the discretion of faculty. Texts and course materials will be in accessible format. Priority will be given to OER or low-cost materials where possible. Examples of texts include, but are not limited to:
2. May also include supplementary materials such as primary sources or readers.

## Other Materials Required of Students

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## Equity Based Curriculum

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- Course Content  
Address \_  
Examples used in each topic include careful consideration of the appropriate balance in the focus given to each racial, ethnic, and cultural group.
- Methods of Instruction  
Address \_  
Lectures reflect an explicit and inclusive focus on understanding the experiences of underrepresented groups.

## Requisite Skills

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## DE Proposal

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### Delivery Methods

- **Fully Online (FO)**

### Rationale for DE

**Explain why this course should be offered in Distance Education mode.**

Adding Distance Education mode would allow more flexibility in accommodating student needs. The content of the course is ready for online teaching.

**Explain how the decision was made to offer this course in a Distance Education mode.**

previously approved

### Accessibility:

- Closed captioning for videos.
- Transcription for audio.
- Alt-text/ tags for images.
- Utilizing headers/styles for text formatting to make web pages accessible for screen readers.
- Formatting and coding to make tables accessible for screen readers.
- Exploratory links.
- Proper color contrast.

### Syllabus:

- [Instructor response time.](#)
- [Grade turnaround time.](#)
- [Student participation.](#)
- [Instructor participation.](#)
- [Student rights and responsibilities.](#)
- [Student behavior in a DE course.](#)
- [Academic Integrity.](#)

### Course Objectives:

- The same standards of course quality identified in the course outline of record can be applied.
- The content identified in the course outline of record can be presented effectively and with the same degree of rigor.
- A student can achieve the same goals and objectives identified in the course outline of record.
- The same assignments in the course outline of record can be completed by the student and graded by the instructor.
- The same assessments and level of student accountability can be achieved.

## DE Course Interaction

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### Instructor-Student Interaction

- **Email:** *The instructor will initiate interaction with students to determine that they are accessing and comprehending course material and are participating regularly in course activities.*  
**Frequency:** At least once a week.
- **Discussion board:** *The instructor will regularly participate in discussions that deal with academic content, will consistently provide substantive feedback, and will facilitate all discussions.*  
**Frequency:** Once every two weeks.
- **Feedback on assignments:** *The instructor will provide regular substantive, academic feedback to students on assignments and assessments. Students will know the reason for the grade they received and what they can do to improve.*  
**Frequency:** Feedback on every assignment as completed
- **Announcements:** *Regular announcements that are academic in nature will be posted to the class.*  
**Frequency:** As needed

#### Student-Student Interaction

- **Class discussion board:** *Students will post to the discussion board, answering questions posed by the instructor. They will also reply to each other's postings.*  
**Frequency:** 2 per semester
- **Group work:** *Students will work in teams to complete group projects. The projects will then be shared with the rest of the class.*  
**Frequency:** One per semester

#### Student-Content Interaction

- **Written papers:** *Papers will be written on various topics.*  
**Frequency:** One paper per semester
- **Research Assignments:** *Students will use the Internet and library resources to research questions, problems, events, etc.*  
**Frequency:** One per semester
- **Quizzes, tests/exams:** *Quizzes will be used to make sure students completed assigned material and understood it.*  
**Frequency:** Two major exams per semester
- **Lecture:** *Students will attend or access synchronous or asynchronous lectures on course content.*  
**Frequency:** One per every two weeks

## General Education/Transfer Request

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### General Education/Transfer Request

Chabot College GE [Cal-GETC](#)

- ~~IV~~: [4](#) - Social and Behavioral Sciences

CSU-GE

- ~~D~~ - ~~Social Science~~ [Approved](#)

CSU Transfer

- Transfers to CSU [- Approved](#)

- 4 - Social and Behavioral Sciences [- Approved](#)

UC Transfer

- Transfers to UC [- Approved](#)

C-ID : [SOCL 110 - Approved](#)

## Codes and Dates

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### Course CB Codes

#### CB00: State ID

CCC000362247

#### CB03: TOP Code

220800 - Sociology

#### CIP Code

#### CB04: Credit Status

D - Credit - Degree Applicable

#### CB05: Transfer Status

A - Transferable to both UC and CSU.

#### CB08: Basic Skills Status

N - Not Basic Skills

#### CB09: SAM Code

E - Non-Occupational

#### CB10: Cooperative Work Experience

N - Is not part of a cooperative work experience education program.

#### CB11: Course Classification Status

#### CB13: Special Class Status

N - Course is not a special class.

#### CB21: Course Prior to College

Y - Not applicable

#### CB22: Non Credit Course Category

[Y - Not Applicable, Credit course](#)

#### CB23: Funding Agency Category

Y - Not Applicable (funding not used to develop course)

#### CB24: Program Status

1 - Program Applicable

#### CB25: Course General Education Status

Y. Not Applicable

#### CB26: Course Support Course Status

N - Course is not a support course

**CB27: Upper Division Status**

## 6.3. Course Deactivations

Effective Term: **Fall 2026**

- MATH 30 College Algebra for STEM  
Rationale: Due to AB 1705, this course will no longer be offered.

## 6.4. Program Modifications

Program Narrative/Guided Map - Effective Term: **Fall 2026**

- Automotive Alternative Fuels/Hybrid Technology, AS
- Automotive Alternative Fuels/Hybrid Technology, CA
- Automotive Chassis, CA
- Automotive Drivability, CA
- Automotive Electronics Technology, AS
- Automotive Light Duty Diesel, AS
- Automotive Light Duty Diesel, CA
- Automotive Master, AS
- Automotive Master, CA
- Business Entrepreneurship, CA
- Environmental Studies, AA



## Program Modification: Automotive Master - Associate of Science Degree

**Program Modification: Automotive Master - Associate of Science Degree (Launched - Implemented 09-10-2025)**

compared with

**Automotive Master - Associate of Science Degree (Active - Implemented 02-25-2025)**

### 1. Statement of Program Goals and Objectives

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

### 2. Catalog Description

The Associate of Science in Automotive Master degree will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program follows ASE and NATEF for the requirements of a Master automotive technician. It will create a pathway for students to become master ASE certified. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

### 3. Program Requirements

Course

Title

Units

Term

~~Required Core: (61.5 Units)~~ Required Core: (65.5 Units)

|                      |                                                           |            |
|----------------------|-----------------------------------------------------------|------------|
|                      |                                                           | <u>2.0</u> |
| <u>AUTO INT</u>      | <u>Introduction to Automotive</u>                         | <u>1st</u> |
|                      |                                                           | <u>2.0</u> |
| <u>AUTO INTL</u>     | <u>Introduction to Automotive Hands-On Lab</u>            | <u>1st</u> |
|                      |                                                           | 4.0        |
| AUTO A1              | Engine Repair                                             | <u>1st</u> |
|                      |                                                           | 4.0        |
| AUTO A2              | Automatic Transmission/Transaxle                          | <u>1st</u> |
|                      |                                                           | 4.0        |
| AUTO A3              | Manual Drive Train and Axles                              | <u>1st</u> |
|                      |                                                           | 4.0        |
| AUTO A4              | Suspension and Steering                                   | <u>2nd</u> |
|                      |                                                           | 4.0        |
| AUTO A5              | Brakes                                                    | <u>2nd</u> |
|                      |                                                           | 5.0        |
| AUTO A6              | Electrical/Electronic Systems                             | <u>2nd</u> |
|                      |                                                           | 4.0        |
| AUTO A7              | Automotive Heating and Air Conditioning                   | <u>4th</u> |
|                      |                                                           | 5.0        |
| AUTO A8              | Engine Performance                                        | <u>4th</u> |
|                      |                                                           | 4.0        |
| AUTO A9              | Light Vehicle Diesel Engines                              | <u>4th</u> |
|                      |                                                           | 2.0        |
| AUTO LABA            | <del>Automotive Lab</del> <u>Beginning Automotive Lab</u> | <u>1st</u> |
|                      |                                                           | 2.0        |
| AUTO LABB            | <del>Automotive Lab Advanced</del> <u>Automotive Lab</u>  | <u>2nd</u> |
|                      |                                                           | 5.0        |
| AUTO L1              | Advanced Engine Performance                               | <u>5th</u> |
| <del>AUTO L1L2</del> |                                                           | 5.5        |
| <u>SMOG</u>          | Smog Level One and Level Two                              | <u>5th</u> |
|                      |                                                           | 4.0        |
| AUTO L3              | Light Duty Hybrid/Electric Vehicles                       | <u>5th</u> |
|                      |                                                           | 5.0        |
| AUTO SDR             | Specified Diagnostic and Repair                           | <u>6th</u> |

~~List A: Select One (4 Units)~~

|                      |                                                |     |
|----------------------|------------------------------------------------|-----|
|                      |                                                | -   |
|                      |                                                | =   |
| <del>Option 1</del>  |                                                |     |
|                      |                                                | 4.0 |
| <del>AUTO-INTR</del> | <del>Automotive Service and Introduction</del> |     |
|                      |                                                | =   |
| -                    |                                                |     |
|                      |                                                | =   |
| <del>Option 2</del>  |                                                |     |

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2.0

**AUTO-INTL**      **Automotive Service and Introduction Hands-On Lab**  
**AND**

2.0

**AUTO-INTZ**      **Automotive Service and Introduction Lecture**

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*Total Units for the Major*

65.5

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*Additional General Education and Elective Units*

22.0

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The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College Associate Degree General Education Pattern or the California General Education Transfer Curriculum (Cal-GETC) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program, the optional course(s) taken, and the GE pattern selected. Elective units must be degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

**Total: 87.5**

#### **4. Career Opportunities**

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### **5. Master Planning**

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### **6. Enrollment and Completer Projections**

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

#### **7. Place of Program in Curriculum/Similar Programs**

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

#### **8. Similar Programs at Other Colleges in Service Area**

This program has been recommended by the BACCC.

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The Associate of Science in Automotive Master degree will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program follows ASE and NATEF for the requirements of a Master automotive technician. It will create a pathway for students to become master ASE certified. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units: 18.0**

| Course               | Units                     | MAJ/GEN/ELEC                                   |
|----------------------|---------------------------|------------------------------------------------|
| Semester(s)          |                           |                                                |
| Offered              |                           |                                                |
|                      |                           | <del>Automotive Service and</del>              |
|                      |                           | <del>Introduction</del> <u>Introduction to</u> |
|                      |                           | <u>Automotive</u>                              |
| AUTO <del>INTR</del> | <del>4.0</del> <u>2.0</u> | Major/Required                                 |
| INT                  |                           | -                                              |
|                      |                           | <u>Introduction to Automotive</u>              |
|                      |                           | <u>Hands-On Lab</u>                            |
|                      | <u>2.0</u>                |                                                |
| <u>AUTO INTL</u>     |                           | Major/Required                                 |
|                      |                           | <del>Automotive Lab</del> <u>Beginning</u>     |
|                      |                           | <u>Automotive Lab</u>                          |
|                      | 2.0                       |                                                |
| AUTO LABA            |                           | Major/Required                                 |
|                      |                           | Engine Repair                                  |
|                      | 4.0                       |                                                |
| AUTO A1              |                           | Major/Required                                 |
|                      |                           | Automatic                                      |
|                      |                           | Transmission/Transaxle                         |
|                      | 4.0                       |                                                |
| AUTO A2              |                           | Major/Required                                 |
|                      |                           | Manual Drive Train and Axles                   |
|                      | 4.0                       |                                                |
| AUTO A3              |                           | Major/Required                                 |

### Term 2 - Spring Semester

**Units: 15.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|           |                                |
|-----------|--------------------------------|
|           | Suspension and Steering        |
|           | 4.0                            |
| AUTO A4   | Major/Required                 |
|           | Brakes                         |
|           | 4.0                            |
| AUTO A5   | Major/Required                 |
|           | Electrical/Electronic Systems  |
|           | 5.0                            |
| AUTO A6   | Major/Required                 |
|           | <del>Automotive Lab</del>      |
|           | Advanced <u>Automotive Lab</u> |
|           | 2.0                            |
| AUTO LABB | Major/Required                 |

Term 3 - Summer Semester
Units: 3.0

|                     |              |           |
|---------------------|--------------|-----------|
| Course              |              |           |
| Units               | MAJ/GEN/ELEC |           |
| Semester(s)         |              |           |
| Offered             |              |           |
|                     |              | 3.0       |
|                     |              | General   |
| English Composition |              | Education |
| (Area 1A)           |              |           |

Term 4 - Fall Semester
Units: 19.0

|             |              |  |
|-------------|--------------|--|
| Course      |              |  |
| Units       | MAJ/GEN/ELEC |  |
| Semester(s) |              |  |
| Offered     |              |  |

|                                                    |                                         |                   |
|----------------------------------------------------|-----------------------------------------|-------------------|
|                                                    | Automotive Heating and Air Conditioning |                   |
|                                                    | 4.0                                     |                   |
| AUTO A7                                            | Major/Required                          |                   |
|                                                    | Engine Performance                      |                   |
|                                                    | 5.0                                     |                   |
| AUTO A8                                            | Major/Required                          |                   |
|                                                    | Light Vehicle Diesel Engines            |                   |
|                                                    | 4.0                                     |                   |
| AUTO A9                                            | Major/Required                          |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Natural Sciences (Area 5)                          |                                         |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Oral Communication and Critical Thinking (Area 1B) |                                         |                   |

## Term 5 - Spring Semester

**Units: 15.5**

|                       |                                     |                   |
|-----------------------|-------------------------------------|-------------------|
| Course                |                                     |                   |
| Units                 | MAJ/GEN/ELEC                        |                   |
| Semester(s)           |                                     |                   |
| Offered               |                                     |                   |
|                       | Advanced Engine Performance         |                   |
|                       | 5.0                                 |                   |
| AUTO L1               | Major/Required                      |                   |
|                       | Light Duty Hybrid/Electric Vehicles |                   |
|                       | 4.0                                 |                   |
| AUTO L3               | Major/Required                      |                   |
|                       | Smog Level One and Level Two        |                   |
| AUTO <del>L1</del> L2 | 5.5                                 |                   |
| <u>SMOG</u>           | Major/Required                      |                   |
|                       |                                     | 1.0               |
|                       |                                     | General Education |
| Kinesiology (Area 7)  |                                     |                   |

Term 6 - Fall Semester

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Specified Diagnostic and Repair  
5.0  
AUTO SDR Major/Required

3.0  
General  
Education

Social and Behavioral  
Sciences (Area 4)

3.0  
General  
Education

Ethnic Studies (Area 6)

3.0  
General  
Education

Arts and Humanities  
(Area 3)

3.0  
General  
Education

MATH 47

**Total: 87.5**



**Program Modification: Automotive Alternative Fuels/Hybrid Technology - Associate of Science Degree**

**Program Modification: Automotive Alternative Fuels/Hybrid Technology - Associate of Science Degree (Launched - Implemented 09-09-2025)**

compared with

**Automotive Alternative Fuels/Hybrid Technology - Associate of Science Degree (Active - Implemented 08-15-2025)**

**1. Statement of Program Goals and Objectives**

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The Associate of Science in Automotive Alternative Fuels/Hybrid Technology degree will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program concentrates on Hybrid technologies which will allow students to gain employment with manufacturers. The current climate in the automotive industry has a focus on Hybrid training and this program will give our students a leg up on the competition. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

*Required Core: (40 Units)* *Required Core: (44 Units)*

|                  |                                                           |            |
|------------------|-----------------------------------------------------------|------------|
| AUTO A1          | Engine Repair                                             | 4.0        |
|                  |                                                           | <u>1st</u> |
| AUTO A2          | Automatic Transmission/Transaxle                          | 4.0        |
|                  |                                                           | <u>1st</u> |
| AUTO A3          | Manual Drive Train and Axles                              | 4.0        |
|                  |                                                           | <u>1st</u> |
| AUTO A4          | Suspension and Steering                                   | 4.0        |
|                  |                                                           | <u>2nd</u> |
| AUTO A5          | Brakes                                                    | 4.0        |
|                  |                                                           | <u>2nd</u> |
| AUTO A6          | Electrical/Electronic Systems                             | 5.0        |
|                  |                                                           | <u>2nd</u> |
| AUTO A7          | Automotive Heating and Air Conditioning                   | 4.0        |
|                  |                                                           | <u>4th</u> |
| AUTO A8          | Engine Performance                                        | 5.0        |
|                  |                                                           | <u>4th</u> |
| <u>AUTO INT</u>  | <u>Introduction to Automotive</u>                         | <u>2.0</u> |
|                  |                                                           | <u>1st</u> |
| <u>AUTO INTL</u> | <u>Introduction to Automotive Hands-On Lab</u>            | <u>2.0</u> |
|                  |                                                           | <u>1st</u> |
| AUTO LABA        | <del>Automotive Lab</del> <u>Beginning Automotive Lab</u> | 2.0        |
|                  |                                                           | <u>2nd</u> |
| AUTO L3          | Light Duty Hybrid/Electric Vehicles                       | 4.0        |
|                  |                                                           | <u>5th</u> |

*List A: Select One (4 Units)*

|           |                                                  |     |
|-----------|--------------------------------------------------|-----|
|           |                                                  | -   |
|           |                                                  | =   |
| Option 1  |                                                  |     |
|           |                                                  | 4.0 |
| AUTO-INTR | Automotive Service and Introduction              |     |
|           |                                                  | =   |
| -         |                                                  |     |
|           |                                                  | =   |
| Option 2  |                                                  |     |
|           |                                                  | 2.0 |
| AUTO-INTL | Automotive Service and Introduction Hands-On Lab |     |
| AND       |                                                  |     |
|           |                                                  | 2.0 |
| AUTO-INTZ | Automotive Service and Introduction Lecture      |     |

*Total Units for the Major*

44.0

*Additional General Education and Elective Units*

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College Associate Degree General Education Pattern or the California General Education Transfer Curriculum (Cal-GETC) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program, the optional course(s) taken, and the GE pattern selected. Elective units must be degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

**Total: 66.0**

#### **4. Career Opportunities**

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### **5. Master Planning**

~~The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."~~

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### **6. Enrollment and Completer Projections**

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

#### **7. Place of Program in Curriculum/Similar Programs**

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

#### **8. Similar Programs at Other Colleges in Service Area**

This program has been recommended by the BACCC.

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The Associate of Science in Automotive Alternative Fuels/Hybrid Technology degree will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program concentrates on Hybrid technologies which will allow students to gain employment with manufacturers. The current climate in the automotive industry has a focus on Hybrid training and this program will give our students a leg up on the competition. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

#### **SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS**

All plans can be modified to fit the needs of part-time students by adding more semesters

**Term 1 - Fall Semester****Units: 16.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

~~Automotive Service and  
Introduction~~ Introduction to  
Automotive

AUTO ~~INTR~~  
INT

~~4.0~~ 2.0

Major/Required

-

Introduction to Automotive  
Hands-On Lab  
2.0

AUTO INTL

Engine Repair  
4.0

AUTO A1

Major/Required

Automatic  
Transmission/Transaxle  
4.0

AUTO A2

Major/Required

Manual Drive Train and Axles  
4.0

AUTO A3

Major/Required

**Term 2 - Spring Semester****Units: 15.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|           |                                            |
|-----------|--------------------------------------------|
|           | Suspension and Steering                    |
|           | 4.0                                        |
| AUTO A4   | Major/Required                             |
|           | Brakes                                     |
|           | 4.0                                        |
| AUTO A5   | Major/Required                             |
|           | Electrical/Electronic Systems              |
|           | 5.0                                        |
| AUTO A6   | Major/Required                             |
|           | <del>Automotive Lab</del> <u>Beginning</u> |
|           | <u>Automotive Lab</u>                      |
|           | 2.0                                        |
| AUTO LABA | Major/Required                             |

Term 3 - Summer Semester
Units: 3.0

|                     |              |
|---------------------|--------------|
| Course              |              |
| Units               | MAJ/GEN/ELEC |
| Semester(s)         |              |
| Offered             |              |
|                     | 3.0          |
|                     | General      |
| English Composition | Education    |
| (Area 1A)           |              |

Term 4 - Fall Semester
Units: 16.0

|             |              |
|-------------|--------------|
| Course      |              |
| Units       | MAJ/GEN/ELEC |
| Semester(s) |              |
| Offered     |              |

|                                                    |                                         |                   |
|----------------------------------------------------|-----------------------------------------|-------------------|
|                                                    | Automotive Heating and Air Conditioning |                   |
|                                                    | 4.0                                     |                   |
| AUTO A7                                            | Major/Required                          |                   |
|                                                    | Engine Performance                      |                   |
|                                                    | 5.0                                     |                   |
| AUTO A8                                            | Major/Required                          |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Natural Sciences (Area 5)                          |                                         |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Oral Communication and Critical Thinking (Area 1B) |                                         |                   |
|                                                    |                                         | 1.0               |
|                                                    |                                         | General Education |
| Kinesiology (Area 7)                               |                                         |                   |

## Term 5 - Spring Semester

**Units: 16.0**

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Light Duty Hybrid/Electric  
Vehicles  
4.0  
Major/Required

AUTO L3

3.0  
General  
Education

Social and Behavioral  
Sciences (Area 4)

3.0  
General  
Education

Ethnic Studies (Area 6)

3.0  
General  
Education

Arts and Humanities  
(Area 3)

3.0  
General  
Education

MATH 47

**Total: 66.0**



**Program Modification: Automotive Alternative Fuels/Hybrid Technology - Certificate of Achievement (16 to fewer than 30 units)**

**Program Modification: Automotive Alternative Fuels/Hybrid Technology - Certificate of Achievement (16 to fewer than 30 units) (Launched - Implemented 09-09-2025)**

compared with

**Automotive Alternative Fuels/Hybrid Technology - Certificate of Achievement (16 to fewer than 30 units) (Active - Implemented 08-15-2021)**

**1. Statement of Program Goals and Objectives**

This program is CTE focus and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The Automotive Alternative Fuels/Hybrid Technology Certificate of Achievement will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program concentrates on Hybrid technologies which will allow students to gain employment with manufacturers. The current climate in the automotive industry has a focus on Hybrid training and this program will give our students a leg up on the competition. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

*Required Core: (24 Units)* *Required Core: (25 Units)*

|                      |                                                |            |
|----------------------|------------------------------------------------|------------|
|                      |                                                | 2.0        |
| <del>AUTO LABA</del> | <del>Automotive Lab</del>                      |            |
|                      |                                                | 4.0        |
| AUTO A1              | Engine Repair                                  | <u>2nd</u> |
|                      |                                                | 4.0        |
| AUTO A2              | Automatic Transmission/Transaxle               | <u>2nd</u> |
|                      |                                                | 5.0        |
| AUTO A6              | Electrical/Electronic Systems                  | <u>3rd</u> |
|                      |                                                | 5.0        |
| AUTO A8              | Engine Performance                             | <u>3rd</u> |
|                      |                                                | <u>2.0</u> |
| <u>AUTO INT</u>      | <u>Introduction to Automotive</u>              | <u>1st</u> |
|                      |                                                | <u>2.0</u> |
| <u>AUTO INTL</u>     | <u>Introduction to Automotive Hands-On Lab</u> | <u>1st</u> |
|                      |                                                | <u>2.0</u> |
| <u>AUTO LABA</u>     | <u>Beginning Automotive Lab</u>                | <u>1st</u> |
|                      |                                                | 4.0        |
| AUTO L3              | Light Duty Hybrid/Electric Vehicles            | <u>4th</u> |

*List A: Select One (4 Units)*

|                      |                                                             |     |
|----------------------|-------------------------------------------------------------|-----|
|                      |                                                             | -   |
|                      |                                                             | =   |
| Option 1             |                                                             |     |
|                      |                                                             | 4.0 |
| <del>AUTO-INTR</del> | <del>Automotive Service and Introduction</del>              |     |
|                      |                                                             | =   |
| -                    |                                                             |     |
|                      |                                                             | =   |
| Option 2             |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO INTL</del> | <del>Automotive Service and Introduction Hands-On Lab</del> |     |
| <del>AND</del>       |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO INTZ</del> | <del>Automotive Service and Introduction Lecture</del>      |     |

**Total: 28.0**

#### 4. Career Opportunities

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

## 5. Master Planning

~~The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."~~

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

## 6. Enrollment and Completer Projections

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

## 7. Place of Program in Curriculum/Similar Programs

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

## 8. Similar Programs at Other Colleges in Service Area

-  
This program has been recommended by the BACCC.

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The Automotive Alternative Fuels/Hybrid Technology Certificate of Achievement will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program concentrates on Hybrid technologies which will allow students to gain employment with manufacturers. The current climate in the automotive industry has a focus on Hybrid training and this program will give our students a leg up on the competition. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units:** 6.0

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                      |                                                             |   |
|----------------------|-------------------------------------------------------------|---|
|                      | <del>Automotive Lab</del> <u>Introduction to Automotive</u> |   |
| AUTO <del>LABA</del> | 2.0                                                         |   |
| <u>INT</u>           | <u>Major/Required</u>                                       |   |
|                      | <u>Introduction to Automotive Hands-On Lab</u>              |   |
|                      | 2.0                                                         |   |
| AUTO <u>INTL</u>     | <u>Major/Required</u>                                       | - |
|                      | <u>Beginning Automotive Lab</u>                             |   |
|                      | 2.0                                                         |   |
| <u>AUTO LABA</u>     | <u>Major/Required</u>                                       | - |

## Term 2 - Spring Semester

**Units:** 8.0

Course

|                |                        |  |
|----------------|------------------------|--|
| -              |                        |  |
| Units          | MAJ/GEN/ELEC           |  |
|                | <u>Semester(s)</u>     |  |
|                | <u>Offered</u>         |  |
|                | Engine Repair          |  |
|                | 4.0                    |  |
| <u>AUTO</u> A1 | <u>Major/Required</u>  |  |
|                | Automatic              |  |
|                | Transmission/Transaxle |  |
|                | 4.0                    |  |
| AUTO A2        | <u>Major/Required</u>  |  |

Term 3 - Fall Semester

**Units:** 10.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Electrical/Electronic Systems  
5.0

AUTO A6 Major/Required

Engine Performance  
5.0

AUTO A8

Light Duty Hybrid/Electric  
Vehicles  
~~4.0~~

~~AUTO L3~~ Major/Required

Term 4 - Spring Semester

**Units:** 4.0

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|           |                                            |  |
|-----------|--------------------------------------------|--|
| Option 1  | -                                          |  |
|           | Automotive Service and Introduction        |  |
|           | <u>Light Duty Hybrid/Electric Vehicles</u> |  |
| AUTO INTR | 4.0                                        |  |
| <u>L3</u> | <u>Major/Required</u>                      |  |

|           |                                                  |   |
|-----------|--------------------------------------------------|---|
| Option 2  | -                                                |   |
|           | Automotive Service and Introduction Hands-On Lab |   |
|           | 2.0                                              |   |
| AUTO INTL |                                                  | - |
| AND       |                                                  |   |
|           | Automotive Service and Introduction Lecture      |   |
|           | 2.0                                              |   |
| AUTO INTZ |                                                  | - |

**Total: 28.0**



**Program Modification: Automotive Chassis - Certificate of Achievement (16 to fewer than 30 units)**

**Program Modification: Automotive Chassis - Certificate of Achievement (16 to fewer than 30 units) (Launched - Implemented 09-10-2025)**

compared with

**Automotive Chassis - Certificate of Achievement (16 to fewer than 30 units) (Active - Implemented 08-15-2021)**

**1. Statement of Program Goals and Objectives**

Student will be able to follow safety guidelines while employed in an automotive related job. Student should be able to use automotive knowledge to diagnose various automotive concerns.

**2. Catalog Description**

The LPC Automotive Certificate can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (19 Units)~~ Required Core: (23 Units)

|                                         |                                                             |            |
|-----------------------------------------|-------------------------------------------------------------|------------|
| AUTO <del>LABA</del>                    |                                                             | 2.0        |
| <u>INT</u>                              | <u>Automotive Lab</u> <u>Introduction to Automotive</u>     | <u>1st</u> |
|                                         |                                                             | <u>2.0</u> |
| <u>AUTO INTL</u>                        | <u>Introduction to Automotive Hands-On Lab</u>              | <u>1st</u> |
|                                         |                                                             | <u>2.0</u> |
| <u>AUTO LABA</u>                        | <u>Beginning Automotive Lab</u>                             | <u>1st</u> |
|                                         |                                                             | 4.0        |
| AUTO A4                                 | Suspension and Steering                                     | <u>2nd</u> |
|                                         |                                                             | 4.0        |
| AUTO A5                                 | Brakes                                                      | <u>2nd</u> |
|                                         |                                                             | 5.0        |
| AUTO A6                                 | Electrical/Electronic Systems                               | <u>2nd</u> |
|                                         |                                                             | 4.0        |
| AUTO A7                                 | Automotive Heating and Air Conditioning                     | <u>3rd</u> |
|                                         |                                                             |            |
| <del>List A: Select One (4 Units)</del> |                                                             | -          |
|                                         |                                                             | -          |
| <del>Option 1</del>                     |                                                             |            |
|                                         |                                                             | 4.0        |
| <del>AUTO-INTR</del>                    | <del>Automotive Service and Introduction</del>              |            |
|                                         |                                                             | =          |
| <del>-</del>                            |                                                             |            |
|                                         |                                                             | =          |
| <del>Option 2</del>                     |                                                             |            |
|                                         |                                                             | 2.0        |
| <del>AUTO INTL</del>                    | <del>Automotive Service and Introduction Hands-On Lab</del> |            |
| <del>AND</del>                          |                                                             |            |
|                                         |                                                             | 2.0        |
| <del>AUTO INTZ</del>                    | <del>Automotive Service and Introduction Lecture</del>      |            |

**Total: 23.0**

#### 4. Career Opportunities

~~Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel~~

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel.

## 5. Master Planning

~~The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."~~

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

## 6. Enrollment and Completer Projections

10 per year

## 7. Place of Program in Curriculum/Similar Programs

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

## 8. Similar Programs at Other Colleges in Service Area

-

This program has been recommended by the BACCC.

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The LPC Automotive Certificate can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units:** 6.0

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                      |                                                             |   |
|----------------------|-------------------------------------------------------------|---|
|                      | <del>Automotive Lab</del> <u>Introduction to Automotive</u> |   |
| AUTO <del>LABA</del> | 2.0                                                         |   |
| <u>INT</u>           | <u>Major/Required</u>                                       |   |
|                      | <u>Introduction to Automotive Hands-On Lab</u>              |   |
|                      | <u>2.0</u>                                                  |   |
| AUTO <u>INTL</u>     | <u>Major/Required</u>                                       | - |
|                      | <u>Beginning Automotive Lab</u>                             |   |
|                      | <u>2.0</u>                                                  |   |
| <u>AUTO LABA</u>     | <u>Major/Required</u>                                       | - |

## Term 2 - Spring Semester

**Units:** 13.0

Course

|                    |                                                    |   |
|--------------------|----------------------------------------------------|---|
| -                  |                                                    |   |
| Units              | MAJ/GEN/ELEC                                       |   |
|                    | <u>Semester(s)</u>                                 |   |
|                    | <u>Offered</u>                                     |   |
|                    | Suspension and Steering                            |   |
|                    | 4.0                                                |   |
| <u>AUTO</u> A4     | <u>Major/Required</u>                              |   |
|                    | Brakes                                             |   |
|                    | 4.0                                                |   |
| AUTO A5            | <u>Major/Required</u>                              |   |
|                    | Electrical/Electronic Systems                      |   |
|                    | 5.0                                                |   |
| AUTO A6            |                                                    | - |
|                    | <del>Automotive Heating and Air Conditioning</del> |   |
|                    | <del>4.0</del>                                     |   |
| <del>AUTO A7</del> | <u>Major/Required</u>                              |   |

Term 3 - Fall Semester

**Units:** 4.0

|                                                                                                              |                |
|--------------------------------------------------------------------------------------------------------------|----------------|
| Course                                                                                                       |                |
| Units                                                                                                        | MAJ/GEN/ELEC   |
| Semester(s)                                                                                                  |                |
| Offered                                                                                                      |                |
| Option                                                                                                       |                |
| 1                                                                                                            | -              |
| <div><div></div><div>Automotive Service and Introduction Automotive Heating and Air Conditioning</div></div> |                |
| AUTO INTR                                                                                                    | 4.0            |
| AZ                                                                                                           | Major/Required |
| -                                                                                                            |                |
| Option 2                                                                                                     |                |
| <div><div></div><div>Automotive Service and Introduction Hands-On Lab</div></div>                            |                |
| AUTO INTL                                                                                                    | 2.0            |
| AND                                                                                                          |                |
| <div><div></div><div>Automotive Service and Introduction Lecture</div></div>                                 |                |
| AUTO INTZ                                                                                                    | 2.0            |
| -                                                                                                            |                |
| Total: 23.0                                                                                                  |                |



**Program Modification: Automotive Drivability - Certificate of Achievement (16 to fewer than 30 units)**

**Program Modification: Automotive Drivability - Certificate of Achievement (16 to fewer than 30 units) (Launched - Implemented 09-10-2025)**

compared with

**Automotive Drivability - Certificate of Achievement (16 to fewer than 30 units) (Active - Implemented 08-15-2021)**

**1. Statement of Program Goals and Objectives**

Student will be able to follow safety guidelines while employed in an automotive related job. Student should be able to use automotive knowledge to diagnose various automotive concerns

**2. Catalog Description**

The LPC Automotive Certificates can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (25 Units)~~ Required Core: (29 Units)

|                                         |                                                             |            |
|-----------------------------------------|-------------------------------------------------------------|------------|
| AUTO <del>LABA</del>                    |                                                             | 2.0        |
| <u>INT</u>                              | <u>Automotive Lab</u> <u>Introduction to Automotive</u>     | <u>1st</u> |
|                                         |                                                             | <u>2.0</u> |
| <u>AUTO INTL</u>                        | <u>Introduction to Automotive Hands-On Lab</u>              | <u>1st</u> |
|                                         |                                                             | <u>2.0</u> |
| <u>AUTO LABA</u>                        | <u>Beginning Automotive Lab</u>                             | <u>1st</u> |
|                                         |                                                             | 4.0        |
| AUTO A1                                 | Engine Repair                                               | <u>1st</u> |
|                                         |                                                             | 5.0        |
| AUTO A6                                 | Electrical/Electronic Systems                               | <u>2nd</u> |
|                                         |                                                             | 5.0        |
| AUTO A8                                 | Engine Performance                                          | <u>2nd</u> |
|                                         |                                                             | 5.0        |
| AUTO L1                                 | Advanced Engine Performance                                 | <u>3rd</u> |
|                                         |                                                             | 4.0        |
| AUTO L3                                 | Light Duty Hybrid/Electric Vehicles                         | <u>3rd</u> |
|                                         |                                                             |            |
| <del>List A: Select One (4 Units)</del> |                                                             | -          |
|                                         |                                                             | =          |
| <del>Option 1</del>                     |                                                             |            |
|                                         |                                                             | 4.0        |
| <del>AUTO-INTR</del>                    | <del>Automotive Service and Introduction</del>              |            |
|                                         |                                                             | =          |
| <del>-</del>                            |                                                             |            |
|                                         |                                                             | =          |
| <del>Option 2</del>                     |                                                             |            |
|                                         |                                                             | 2.0        |
| <del>AUTO-INTL</del>                    | <del>Automotive Service and Introduction Hands-On Lab</del> |            |
| <del>AND</del>                          |                                                             |            |
|                                         |                                                             | 2.0        |
| <del>AUTO-INTZ</del>                    | <del>Automotive Service and Introduction Lecture</del>      |            |

**Total: 29.0**

#### 4. Career Opportunities

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### 5. Master Planning

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### 6. Enrollment and Completer Projections

10 per year

## 7. Place of Program in Curriculum/Similar Programs

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

## 8. Similar Programs at Other Colleges in Service Area

-  
[This program has been recommended by the BACCC.](#)

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The LPC Automotive Certificates can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

### SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

#### Term 1 - Fall Semester

**Units:** 10.0

Course

Units MAJ/GEN/ELEC

Semester(s)

Offered

Introduction to Automotive

2.0

AUTO INT Major/Required

Introduction to Automotive

Hands-On Lab

2.0

AUTO INTL Major/Required

~~Automotive Lab~~ Beginning

Automotive Lab

2.0

AUTO LABA Major/Required

Engine Repair

4.0

AUTO A1 Major/Required

Term 2 - Spring Semester

**Units:** 10.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Electrical/Electronic Systems  
5.0

AUTO A6 Major/Required

Engine Performance  
5.0

AUTO A8 Major/Required

Term 3 - Fall Semester

**Units:** 9.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Advanced Engine Performance  
5.0

AUTO L1 Major/Required

Light Duty Hybrid/Electric  
Vehicles  
4.0

AUTO L3 Major/Required

Course

-

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Option 1

-

Automotive Service and  
Introduction  
4.0

AUTO-INTR

-

-

Option 2

-

Automotive Service and  
Introduction Hands-On Lab  
2.0

AUTO-INTR  
AND

-

Automotive Service and  
Introduction Lecture  
2.0

AUTO-INTR

-

**Total: 29.0**



**Program Modification: Automotive Electronics Technology - Associate of Science Degree**

**Program Modification: Automotive Electronics Technology - Associate of Science Degree  
(Launched - Implemented 09-10-2025)**

compared with

**Automotive Electronics Technology - Associate of Science Degree (Active - Implemented 08-15-2025)**

**1. Statement of Program Goals and Objectives**

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The LPC Automotive Electronics Technology degree can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (36 Units)~~ Required Core: (40 Units)

|                       |                                                             |            |
|-----------------------|-------------------------------------------------------------|------------|
| AUTO <del>L</del> ABA |                                                             | 2.0        |
| <u>INT</u>            | <del>Automotive Lab</del> <u>Introduction to Automotive</u> | <u>1st</u> |
|                       |                                                             | <u>2.0</u> |
| <u>AUTO INTL</u>      | <u>Introduction to Automotive Hands-On Lab</u>              | <u>1st</u> |
|                       |                                                             | <u>2.0</u> |
| <u>AUTO LABA</u>      | <u>Beginning Automotive Lab</u>                             | <u>2nd</u> |
|                       |                                                             | 4.0        |
| AUTO A1               | Engine Repair                                               | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A2               | Automatic Transmission/Transaxle                            | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A3               | Manual Drive Train and Axles                                | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A4               | Suspension and Steering                                     | <u>2nd</u> |
|                       |                                                             | 4.0        |
| AUTO A5               | Brakes                                                      | <u>2nd</u> |
|                       |                                                             | 5.0        |
| AUTO A6               | Electrical/Electronic Systems                               | <u>2nd</u> |
|                       |                                                             | 4.0        |
| AUTO A7               | Automotive Heating and Air Conditioning                     | <u>4th</u> |
|                       |                                                             | 5.0        |
| AUTO A8               | Engine Performance                                          | <u>4th</u> |

List A: Select One (5 Units)

|          |                                 |            |
|----------|---------------------------------|------------|
|          |                                 | 5.0        |
| AUTO L1  | Advanced Engine Performance     | <u>5th</u> |
|          |                                 | 5.0        |
| AUTO SDR | Specified Diagnostic and Repair | <u>5th</u> |

~~List B: Select One (4 Units)~~

|                      |                                                             |     |
|----------------------|-------------------------------------------------------------|-----|
|                      |                                                             | -   |
|                      |                                                             | -   |
| Option 1             |                                                             |     |
|                      |                                                             | 4.0 |
| <del>AUTO-INTR</del> | <del>Automotive Service and Introduction</del>              |     |
|                      |                                                             | =   |
| -                    |                                                             |     |
|                      |                                                             | =   |
| Option 2             |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO-INTL</del> | <del>Automotive Service and Introduction Hands-On Lab</del> |     |
| <del>AND</del>       |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO-INTZ</del> | <del>Automotive Service and Introduction Lecture</del>      |     |

*Total Units for the Major*

45.0

*Additional General Education and Elective Units*

22.0

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College Associate Degree General Education Pattern or the California General Education Transfer Curriculum (Cal-GETC) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program, the optional course(s) taken, and the GE pattern selected. Elective units must be degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

**Total: 67.0**

#### **4. Career Opportunities**

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### **5. Master Planning**

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### **6. Enrollment and Completer Projections**

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

#### **7. Place of Program in Curriculum/Similar Programs**

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

#### **8. Similar Programs at Other Colleges in Service Area**

This program has been recommended by the BACCC.

The LPC Automotive Electronics Technology degree can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

#### **SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS**

All plans can be modified to fit the needs of part-time students by adding more semesters

**Term 1 - Fall Semester****Units: 16.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

~~Automotive Service and  
Introduction~~ Introduction to  
Automotive

AUTO ~~INTR~~  
INT

~~4.0~~ 2.0  
Major/Required

-

Introduction to Automotive  
Hands-On Lab  
2.0

AUTO INTL

Major/Required

Engine Repair

4.0

AUTO A1

Major/Required

Automatic

Transmission/Transaxle

4.0

AUTO A2

Major/Required

Manual Drive Train and Axles

4.0

AUTO A3

Major/Required

**Term 2 - Spring Semester****Units: 15.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

~~Automotive Lab~~ Beginning

Automotive Lab

2.0

AUTO LABA

Major/Required

Suspension and Steering

4.0

AUTO A4

Major/Required

Brakes

4.0

AUTO A5

Major/Required

Electrical/Electronic Systems

5.0

AUTO A6

Major/Required

**Term 3 - Summer Semester**

**Units: 3.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

3.0

General

Education

English Composition  
(Area 1A)

**Term 4 - Fall Semester**

**Units: 16.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                                                    |                                         |                   |
|----------------------------------------------------|-----------------------------------------|-------------------|
|                                                    | Automotive Heating and Air Conditioning |                   |
|                                                    | 4.0                                     |                   |
| AUTO A7                                            | Major/Required                          |                   |
|                                                    | Engine Performance                      |                   |
|                                                    | 5.0                                     |                   |
| AUTO A8                                            | Major/Required                          |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Oral Communication and Critical Thinking (Area 1B) |                                         |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Natural Sciences (Area 5)                          |                                         |                   |
|                                                    |                                         | 1.0               |
|                                                    |                                         | General Education |
| Kinesiology (Area 7)                               |                                         |                   |

## Term 5 - Spring Semester

**Units: 17.0**

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                                            |                             |
|--------------------------------------------|-----------------------------|
|                                            | 5.0<br>Major/Required       |
| List A Course                              |                             |
|                                            | 3.0<br>General<br>Education |
| Ethnic Studies (Area 6)                    |                             |
|                                            | 3.0<br>General<br>Education |
| Arts and Humanities<br>(Area 3)            |                             |
|                                            | 3.0<br>General<br>Education |
| Social and Behavioral<br>Sciences (Area 4) |                             |
|                                            | 3.0<br>General<br>Education |
| MATH 47                                    |                             |

**Total: 67.0**



**Program Modification: Automotive Light Duty Diesel - Associate of Science Degree**

**Program Modification: Automotive Light Duty Diesel - Associate of Science Degree (Launched - Implemented 09-10-2025)**

compared with

**Automotive Light Duty Diesel - Associate of Science Degree (Active - Implemented 02-25-2025)**

**1. Statement of Program Goals and Objectives**

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The Associate of Science in Automotive Light Duty Diesel degree can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Diesel technology is currently on the forefront of the automotive industry with the addition of several small diesel engines to the line up from most manufacturers. The emissions system on diesel are very complicated and this program will allow student to learn the emissions and drivability of diesel powered vehicles. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (40 Units)~~ Required Core: (44 Units)

|                       |                                                             |            |
|-----------------------|-------------------------------------------------------------|------------|
| AUTO <del>L</del> ABA |                                                             | 2.0        |
| <u>INT</u>            | <del>Automotive Lab</del> <u>Introduction to Automotive</u> | <u>1st</u> |
|                       |                                                             | <u>2.0</u> |
| <u>AUTO INTL</u>      | <u>Introduction to Automotive Hands-On Lab</u>              | <u>1st</u> |
|                       |                                                             | <u>2.0</u> |
| <u>AUTO LABA</u>      | <u>Beginning Automotive Lab</u>                             | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A1               | Engine Repair                                               | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A2               | Automatic Transmission/Transaxle                            | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A3               | Manual Drive Train and Axles                                | <u>1st</u> |
|                       |                                                             | 4.0        |
| AUTO A4               | Suspension and Steering                                     | <u>2nd</u> |
|                       |                                                             | 4.0        |
| AUTO A5               | Brakes                                                      | <u>2nd</u> |
|                       |                                                             | 5.0        |
| AUTO A6               | Electrical/Electronic Systems                               | <u>2nd</u> |
|                       |                                                             | 4.0        |
| AUTO A7               | Automotive Heating and Air Conditioning                     | <u>4th</u> |
|                       |                                                             | 5.0        |
| AUTO A8               | Engine Performance                                          | <u>4th</u> |
|                       |                                                             | 4.0        |
| AUTO A9               | Light Vehicle Diesel Engines                                | <u>5th</u> |

~~List A: Select One (4 Units)~~

|                      |                                                             |     |
|----------------------|-------------------------------------------------------------|-----|
|                      |                                                             | -   |
|                      |                                                             | =   |
| Option 1             |                                                             |     |
|                      |                                                             | 4.0 |
| <del>AUTO-INTR</del> | <del>Automotive Service and Introduction</del>              |     |
|                      |                                                             | =   |
| -                    |                                                             |     |
|                      |                                                             | =   |
| Option 2             |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO-INTL</del> | <del>Automotive Service and Introduction Hands-On Lab</del> |     |
| <del>AND</del>       |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO-INTZ</del> | <del>Automotive Service and Introduction Lecture</del>      |     |

Total Units for the Major

44.0

Additional General Education and Elective Units

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College Associate Degree General Education Pattern or the California General Education Transfer Curriculum (Cal-GETC) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program, the optional course(s) taken, and the GE pattern selected. Elective units must be degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

**Total: 66.0**

#### **4. Career Opportunities**

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### **5. Master Planning**

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### **6. Enrollment and Completer Projections**

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees

#### **7. Place of Program in Curriculum/Similar Programs**

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

#### **8. Similar Programs at Other Colleges in Service Area**

This program has been recommended by the BACCC.

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The Associate of Science in Automotive Light Duty Diesel degree can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Diesel technology is currently on the forefront of the automotive industry with the addition of several small diesel engines to the line up from most manufacturers. The emissions system on diesel are very complicated and this program will allow student to learn the emissions and drivability of diesel powered vehicles. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

#### **SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS**

All plans can be modified to fit the needs of part-time students by adding more semesters

**Term 1 - Fall Semester****Units: 16.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

~~Automotive Service and~~  
~~Introduction~~ Introduction to  
Automotive

AUTO ~~INTR~~  
INT

~~4.0~~ 2.0  
Major/Required

-

Introduction to Automotive  
Hands-On Lab  
2.0

AUTO INTL

Major/Required

Engine Repair

4.0

AUTO A1

Major/Required

Automatic

Transmission/Transaxle

4.0

AUTO A2

Major/Required

Manual Drive Train and Axles

4.0

AUTO A3

Major/Required

**Term 2 - Spring Semester****Units: 15.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|           |                                            |
|-----------|--------------------------------------------|
|           | Suspension and Steering                    |
|           | 4.0                                        |
| AUTO A4   | Major/Required                             |
|           | Brakes                                     |
|           | 4.0                                        |
| AUTO A5   | Major/Required                             |
|           | Electrical/Electronic Systems              |
|           | 5.0                                        |
| AUTO A6   | Major/Required                             |
|           | <del>Automotive Lab</del> <u>Beginning</u> |
|           | <u>Automotive Lab</u>                      |
|           | 2.0                                        |
| AUTO LABA | Major/Required                             |

**Term 3 - Summer Semester**
**Units: 3.0**

|                     |              |
|---------------------|--------------|
| Course              |              |
| Units               | MAJ/GEN/ELEC |
| Semester(s)         |              |
| Offered             |              |
|                     | 3.0          |
|                     | General      |
| English Composition | Education    |
| (Area 1A)           |              |

**Term 4 - Fall Semester**
**Units: 16.0**

|             |              |
|-------------|--------------|
| Course      |              |
| Units       | MAJ/GEN/ELEC |
| Semester(s) |              |
| Offered     |              |

|                                                    |                                         |                   |
|----------------------------------------------------|-----------------------------------------|-------------------|
|                                                    | Automotive Heating and Air Conditioning |                   |
|                                                    | 4.0                                     |                   |
| AUTO A7                                            | Major/Required                          |                   |
|                                                    | Engine Performance                      |                   |
|                                                    | 5.0                                     |                   |
| AUTO A8                                            | Major/Required                          |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Oral Communication and Critical Thinking (Area 1B) |                                         |                   |
|                                                    |                                         | 3.0               |
|                                                    |                                         | General Education |
| Natural Sciences (Area 5)                          |                                         |                   |
|                                                    |                                         | 1.0               |
|                                                    |                                         | General Education |
| Kinesiology (Area 7)                               |                                         |                   |

## Term 5 - Spring Semester

**Units: 16.0**

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                         |                              |           |
|-------------------------|------------------------------|-----------|
|                         | Light Vehicle Diesel Engines |           |
|                         | 4.0                          |           |
| AUTO A9                 | Major/Required               |           |
|                         |                              | 3.0       |
|                         |                              | General   |
| Social and Behavioral   |                              | Education |
| Sciences (Area 4)       |                              |           |
|                         |                              | 3.0       |
|                         |                              | General   |
|                         |                              | Education |
| Ethnic Studies (Area 6) |                              |           |
|                         |                              | 3.0       |
|                         |                              | General   |
| Arts and Humanities     |                              | Education |
| (Area 3)                |                              |           |
|                         |                              | 3.0       |
|                         |                              | General   |
|                         |                              | Education |
| MATH 47                 |                              |           |

**Total: 66.0**



**Program Modification: Automotive Light Duty Diesel - Certificate of Achievement (30 to fewer than 60 units)**

**Program Modification: Automotive Light Duty Diesel - Certificate of Achievement (30 to fewer than 60 units) (Launched - Implemented 09-10-2025)**

compared with

**Automotive Light Duty Diesel - Certificate of Achievement (16 to fewer than 30 units) (Active - Implemented 08-15-2021)**

**1. Statement of Program Goals and Objectives**

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The Automotive Light Duty Diesel Certificate of Achievement can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Diesel technology is currently on the forefront of the automotive industry with the addition of several small diesel engines to the line up from most manufacturers. The emissions system on diesel are very complicated and this program will allow student to learn the emissions and drivability of diesel powered vehicles. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (29 Units)~~ Required Core: (33 Units)

|                      |                                                                          |            |
|----------------------|--------------------------------------------------------------------------|------------|
| AUTO <del>LABA</del> |                                                                          | 2.0        |
| <u>INTL</u>          | <del>Automotive Lab</del> <u>Introduction to Automotive Hands-On Lab</u> | <u>1st</u> |
|                      |                                                                          | <u>2.0</u> |
| <u>AUTO INT</u>      | <u>Introduction to Automotive</u>                                        | <u>1st</u> |
|                      |                                                                          | <u>2.0</u> |
| <u>AUTO LABA</u>     | <u>Beginning Automotive Lab</u>                                          | <u>1st</u> |
|                      |                                                                          | 4.0        |
| AUTO A1              | Engine Repair                                                            | <u>2nd</u> |
|                      |                                                                          | 4.0        |
| AUTO A2              | Automatic Transmission/Transaxle                                         | <u>2nd</u> |
|                      |                                                                          | 5.0        |
| AUTO A6              | Electrical/Electronic Systems                                            | <u>3rd</u> |
|                      |                                                                          | 5.0        |
| AUTO A8              | Engine Performance                                                       | <u>3rd</u> |
|                      |                                                                          | 4.0        |
| AUTO A9              | Light Vehicle Diesel Engines                                             | <u>3rd</u> |
|                      |                                                                          | 5.0        |
| AUTO L1              | Advanced Engine Performance                                              | <u>4th</u> |

~~List A: Select One (4 Units)~~

|                      |                                                             |     |
|----------------------|-------------------------------------------------------------|-----|
|                      |                                                             | -   |
|                      |                                                             | =   |
| Option 1             |                                                             |     |
|                      |                                                             | 4.0 |
| <del>AUTO-INTR</del> | <del>Automotive Service and Introduction</del>              |     |
|                      |                                                             | =   |
| -                    |                                                             |     |
|                      |                                                             | =   |
| Option 2             |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO INTL</del> | <del>Automotive Service and Introduction Hands-On Lab</del> |     |
| <del>AND</del>       |                                                             |     |
|                      |                                                             | 2.0 |
| <del>AUTO INTZ</del> | <del>Automotive Service and Introduction Lecture</del>      |     |

**Total: 33.0**

#### 4. Career Opportunities

Career opportunities include

Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

## 5. Master Planning

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

## 6. Enrollment and Completer Projections

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

## 7. Place of Program in Curriculum/Similar Programs

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

## 8. Similar Programs at Other Colleges in Service Area

-  
[This program has been recommended by the BACCC.](#)

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The Automotive Light Duty Diesel Certificate of Achievement can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Diesel technology is currently on the forefront of the automotive industry with the addition of several small diesel engines to the line up from most manufacturers. The emissions system on diesel are very complicated and this program will allow student to learn the emissions and drivability of diesel powered vehicles. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units:** 6.0

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                      |                                                             |   |
|----------------------|-------------------------------------------------------------|---|
|                      | <del>Automotive Lab</del> <u>Introduction to Automotive</u> |   |
| AUTO <del>LABA</del> | 2.0                                                         |   |
| <u>INT</u>           | <u>Major/Required</u>                                       |   |
|                      | <u>Introduction to Automotive Hands-On Lab</u>              |   |
|                      | 2.0                                                         |   |
| AUTO <u>INTL</u>     | <u>Major/Required</u>                                       | - |
|                      | <u>Beginning Automotive Lab</u>                             |   |
|                      | 2.0                                                         |   |
| <u>AUTO LABA</u>     | <u>Major/Required</u>                                       | - |

## Term 2 - Spring Semester

**Units:** 8.0

Course

|                |                        |  |
|----------------|------------------------|--|
| -              |                        |  |
| Units          | MAJ/GEN/ELEC           |  |
|                | <u>Semester(s)</u>     |  |
|                | <u>Offered</u>         |  |
|                | Engine Repair          |  |
|                | 4.0                    |  |
| <u>AUTO</u> A1 | <u>Major/Required</u>  |  |
|                | Automatic              |  |
|                | Transmission/Transaxle |  |
|                | 4.0                    |  |
| AUTO A2        | <u>Major/Required</u>  |  |

Term 3 - Fall Semester

Units: 14.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|         |                               |   |
|---------|-------------------------------|---|
|         | Electrical/Electronic Systems |   |
|         | 5.0                           |   |
| AUTO A6 | Major/Required                |   |
|         | Engine Performance            |   |
|         | 5.0                           |   |
| AUTO A8 | Major/Required                |   |
|         | Light Vehicle Diesel Engines  |   |
|         | 4.0                           |   |
| AUTO A9 |                               | - |
|         | Advanced Engine Performance   |   |
|         | 5.0                           |   |
| AUTO-L1 | Major/Required                |   |

Term 4 - Spring Semester

Units: 5.0

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                      |                                                                            |   |
|----------------------|----------------------------------------------------------------------------|---|
| Option 1             |                                                                            | - |
|                      | Automotive Service and Introduction <del>Advanced Engine Performance</del> |   |
| AUTO <del>INTR</del> | 4.0 <u>5.0</u>                                                             |   |
| <u>L1</u>            | <u>Major/Required</u>                                                      |   |

|           |                                                  |   |
|-----------|--------------------------------------------------|---|
| Option 2  |                                                  | - |
|           | Automotive Service and Introduction Hands-On Lab |   |
|           | 2.0                                              |   |
| AUTO INTL |                                                  | - |
| AND       |                                                  |   |
|           | Automotive Service and Introduction Lecture      |   |
|           | 2.0                                              |   |
| AUTO INTZ |                                                  | - |

Total: 33.0



**Program Modification: Automotive Master - Certificate of Achievement (60 or more units)**

**Program Modification: Automotive Master - Certificate of Achievement (60 or more units)  
(Launched - Implemented 09-10-2025)**

compared with

**Automotive Master - Certificate of Achievement (16 to fewer than 30 units) (Active -  
Implemented 08-15-2021)**

**1. Statement of Program Goals and Objectives**

This program is CTE focus and will help students attain a job-ready state to gain employment in the Automotive industry.

**2. Catalog Description**

The LPC Automotive Master Certificate can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

**3. Program Requirements**

Course

Title

Units

Term

~~Required Core: (56 Units)~~ Required Core: (65.5 Units)

|                      |                                                          |            |
|----------------------|----------------------------------------------------------|------------|
| <del>AUTO LABA</del> |                                                          | <u>4.0</u> |
| <u>A1</u>            | <del>Automotive Lab</del> <u>Engine Repair</u>           | <u>1st</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A2</u>       | <u>Automatic Transmission/Transaxle</u>                  | <u>1st</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A3</u>       | <u>Manual Drive Train and Axles</u>                      | <u>1st</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A4</u>       | <u>Suspension and Steering</u>                           | <u>2nd</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A5</u>       | <u>Brakes</u>                                            | <u>2nd</u> |
|                      |                                                          | <u>5.0</u> |
| <u>AUTO A6</u>       | <u>Electrical/Electronic Systems</u>                     | <u>2nd</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A7</u>       | <u>Automotive Heating and Air Conditioning</u>           | <u>3rd</u> |
|                      |                                                          | <u>5.0</u> |
| <u>AUTO A8</u>       | <u>Engine Performance</u>                                | <u>3rd</u> |
|                      |                                                          | <u>4.0</u> |
| <u>AUTO A9</u>       | <u>Light Vehicle Diesel Engines</u>                      | <u>3rd</u> |
|                      |                                                          | <u>2.0</u> |
| <u>AUTO INT</u>      | <u>Introduction to Automotive</u>                        | <u>1st</u> |
|                      |                                                          | <u>2.0</u> |
| <u>AUTO INTL</u>     | <u>Introduction to Automotive Hands-On Lab</u>           | <u>1st</u> |
|                      |                                                          | <u>2.0</u> |
| <u>AUTO LABA</u>     | <u>Beginning Automotive Lab</u>                          | <u>1st</u> |
|                      |                                                          | <u>2.0</u> |
| <del>AUTO LABB</del> | <del>Automotive Lab Advanced</del> <u>Automotive Lab</u> | <u>2nd</u> |
|                      |                                                          | <u>5.0</u> |
| <del>AUTO L1</del>   | <del>Advanced Engine Performance</del>                   | <u>4th</u> |
|                      |                                                          | <u>4.0</u> |
| <del>AUTO L3</del>   | <del>Light Duty Hybrid/Electric Vehicles</del>           | <u>4.0</u> |
| <del>AUTO-A1</del>   | <del>Engine Repair</del>                                 | <u>4.0</u> |
| <del>AUTO-A2</del>   | <del>Automatic Transmission/Transaxle</del>              | <u>4.0</u> |
| <del>AUTO-A3</del>   | <del>Manual Drive Train and Axles</del>                  | <u>4.0</u> |
| <del>AUTO-A4</del>   | <del>Suspension and Steering</del>                       | <u>4.0</u> |
| <del>AUTO-A5</del>   | <del>Brakes</del>                                        | <u>4.0</u> |
| <del>AUTO-A6</del>   | <del>Electrical/Electronic Systems</del>                 | <u>5.0</u> |
| <del>AUTO-A7</del>   | <del>Automotive Heating and Air Conditioning</del>       | <u>4.0</u> |

|                                     |                                                    |                                 |                                |
|-------------------------------------|----------------------------------------------------|---------------------------------|--------------------------------|
| <del>AUTO-A7</del>                  | <del>Automotive Heating and Air Conditioning</del> |                                 | 5.0                            |
| <del>AUTO-A8</del>                  | <del>Engine Performance</del>                      |                                 | 4.0                            |
| <del>AUTO-A9</del>                  | <del>Light Vehicle Diesel Engines</del>            |                                 | 5.0                            |
| AUTO SDR                            | Specified Diagnostic and Repair                    |                                 | 5th                            |
| <i>List A: Select One (4 Units)</i> |                                                    |                                 | -                              |
| Option 1                            |                                                    |                                 | =                              |
| AUTO -INTR                          | Automotive Service and Introduction                | <u>Smog Level One and Level</u> | 4 <u>5</u> . <u>0</u> <u>5</u> |
| <u>SMOG</u>                         | <u>Two</u>                                         |                                 | 4th                            |
| -                                   |                                                    |                                 | =                              |
| Option 2                            |                                                    |                                 | =                              |
|                                     |                                                    |                                 | 2.0                            |
| AUTO-INTL                           | Automotive Service and Introduction Hands-On Lab   |                                 |                                |
| AND                                 |                                                    |                                 |                                |
|                                     |                                                    |                                 | 2.0                            |
| AUTO-INTZ                           | Automotive Service and Introduction Lecture        |                                 |                                |

**Total: 60 65 . 0 5**

#### 4. Career Opportunities

Career opportunities include

Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### 5. Master Planning

The program meets LPC's Education Master Plan areas A1 "address the educational needs of a diverse student population and global workforce," A2 "support existing and new programs," and A6 "focus on workforce readiness."

#### 6. Enrollment and Completer Projections

Every 1.5 years which is how the classes in our program rotate and would be able to be completed by a full time student./ We project 15-24 completers for the certificates and 5-8 for AS Degrees.

#### 7. Place of Program in Curriculum/Similar Programs

This program is part of the Automotive Department and adds options to our students who wish to expand their knowledge of cars and open up job opportunities.

#### 8. Similar Programs at Other Colleges in Service Area

-  
This program has been recommended by the BACCC.

The LPC Automotive Master Certificate can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units:** 18.0

| Course           |                                            |   |
|------------------|--------------------------------------------|---|
| Units            | MAJ/GEN/ELEC                               |   |
| Semester(s)      |                                            |   |
| Offered          |                                            |   |
|                  | <u>Introduction to Automotive</u>          |   |
|                  | <u>2.0</u>                                 |   |
| <u>AUTO_INT</u>  | <u>Major/Required</u>                      | - |
|                  | <u>Automotive Service and</u>              |   |
|                  | <u>Introduction Hands-On Lab</u>           |   |
|                  | <u>2.0</u>                                 |   |
| <u>AUTO INTL</u> | <u>Major/Required</u>                      | - |
|                  | <del>Automotive Lab</del> <u>Beginning</u> |   |
|                  | <u>Automotive Lab</u>                      |   |
|                  | <u>2.0</u>                                 |   |
| <u>AUTO LABA</u> | <u>Major/Required</u>                      | - |
|                  | <u>Engine Repair</u>                       |   |
|                  | <u>4.0</u>                                 |   |
| <u>AUTO A1</u>   | <u>Major/Required</u>                      | - |
|                  | <u>Automatic</u>                           |   |
|                  | <u>Transmission/Transaxle</u>              |   |
|                  | <u>4.0</u>                                 |   |
| <u>AUTO A2</u>   | <u>Major/Required</u>                      | - |
|                  | <u>Manual Drive Train and Axles</u>        |   |
|                  | <u>4.0</u>                                 |   |
| <u>AUTO A3</u>   | <u>Major/Required</u>                      | - |

Term 2 - Spring Semester

**Units:** 15.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                  |                                           |   |
|------------------|-------------------------------------------|---|
|                  | <u>Suspension and Steering</u>            |   |
|                  | <u>4.0</u>                                |   |
| <u>AUTO A4</u>   | <u>Major/Required</u>                     | - |
|                  | <u>Brakes</u>                             |   |
|                  | <u>4.0</u>                                |   |
| <u>AUTO A5</u>   | <u>Major/Required</u>                     | - |
|                  | <u>Electrical/Electronic Systems</u>      |   |
|                  | <u>5.0</u>                                |   |
| <u>AUTO A6</u>   | <u>Major/Required</u>                     |   |
|                  | <del>Automotive Lab</del>                 |   |
|                  | <del>Advanced</del> <u>Automotive Lab</u> |   |
|                  | <u>2.0</u>                                |   |
| <u>AUTO LABB</u> | <u>Major/Required</u>                     | - |

Term 3 - Fall Semester

**Units:** 13.0

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                |                                     |   |
|----------------|-------------------------------------|---|
|                | <u>Automotive Heating and Air</u>   |   |
|                | <u>Conditioning</u>                 |   |
|                | <u>4.0</u>                          |   |
| <u>AUTO A7</u> | <u>Major/Required</u>               |   |
|                | <u>Engine Performance</u>           |   |
|                | <u>5.0</u>                          |   |
| <u>AUTO A8</u> | <u>Major/Required</u>               | - |
|                | <u>Light Vehicle Diesel Engines</u> |   |
|                | <u>4.0</u>                          |   |
| <u>AUTO A9</u> | <u>Major/Required</u>               | - |

Term 4 - Spring Semester

**Units:** 14.5

Course

-  
Units MAJ/GEN/ELEC  
Semester(s)  
Offered

|                    |                                                              |   |
|--------------------|--------------------------------------------------------------|---|
|                    | Advanced Engine Performance                                  |   |
|                    | 5.0                                                          |   |
| <del>AUTO L1</del> | <u>Major/Required</u>                                        |   |
|                    | Light Duty Hybrid/Electric Vehicles                          |   |
|                    | 4.0                                                          |   |
| AUTO L3            | <u>Major/Required</u>                                        |   |
|                    | <del>Engine Repair</del> <u>Smog Level One and Level Two</u> |   |
| AUTO <del>A1</del> | <del>4.0</del> <u>5.5</u>                                    |   |
| <del>SMOG</del>    |                                                              | - |
|                    | <del>Automatic Transmission/Transaxle</del>                  |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A2            |                                                              | - |
|                    | <del>Manual Drive Train and Axles</del>                      |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A3            |                                                              | - |
|                    | <del>Suspension and Steering</del>                           |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A4            |                                                              | - |
|                    | <del>Brakes</del>                                            |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A5            |                                                              | - |
|                    | <del>Electrical/Electronic Systems</del>                     |   |
|                    | <del>5.0</del>                                               |   |
| AUTO A6            |                                                              | - |
|                    | <del>Automotive Heating and Air Conditioning</del>           |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A7            |                                                              | - |
|                    | <del>Engine Performance</del>                                |   |
|                    | <del>5.0</del>                                               |   |
| AUTO A8            |                                                              | - |
|                    | <del>Light Vehicle Diesel Engines</del>                      |   |
|                    | <del>4.0</del>                                               |   |
| AUTO A9            |                                                              | - |
|                    | <del>Specified Diagnostic and Repair</del>                   |   |
|                    | <del>5.0</del>                                               |   |
| AUTO SDR           | <u>Major/Required</u>                                        |   |

Term 5 - Fall Semester

Units: 5.0

Course

Units MAJ/GEN/ELEC  
Semester(s)  
Offered

Option

|           |                                                                           |
|-----------|---------------------------------------------------------------------------|
| 1         | -                                                                         |
| <hr/>     |                                                                           |
|           | Automotive Service and<br>Introduction Specified<br>Diagnostic and Repair |
| AUTO INTR | 4.0 5.0                                                                   |
| SDR       | Major/Required                                                            |
| <hr/>     |                                                                           |

Option 2

|           |                                                     |
|-----------|-----------------------------------------------------|
|           | -                                                   |
| <hr/>     |                                                     |
|           | Automotive Service and<br>Introduction Hands-On Lab |
|           | 2.0                                                 |
| AUTO INTL | -                                                   |
| AND       |                                                     |
|           | Automotive Service and<br>Introduction Lecture      |
|           | 2.0                                                 |
| AUTO INTZ | -                                                   |
| <hr/>     |                                                     |

Total: 60 65 . 0 5



**Program Modification: Business Entrepreneurship - Certificate of Achievement (16 to fewer than 30 units)**

**Program Modification: Business Entrepreneurship - Certificate of Achievement (16 to fewer than 30 units) (Launched - Implemented 09-22-2025)**

compared with

**Business Entrepreneurship - Certificate of Achievement (16 to fewer than 30 units) (Active - Implemented 08-15-2025)**

**1. Statement of Program Goals and Objectives**

This Certificate of Achievement is part of the Career Technical Education program and designed to prepare students to pursue entrepreneurial opportunities. This certificate provides students with an understanding of basic business practices, including financing, management, marketing, accounting, leadership, and communication skills.

**2. Catalog Description**

The Certificate in Entrepreneurship is designed for students who are self-employed, current or prospective business owners, or those interested in new business ventures or startups. This certificate provides the foundation of business competencies including management, marketing, innovation, finance, communication, and leadership skills in a changing world. After a student completes the certificate, they may choose to continue their education and obtain a degree, apply their knowledge to their current job, or start their own business venture immediately.

**3. Program Requirements**

Course

Title

Units

Term

*Required Core: (9 Units)*

|         |                          |            |
|---------|--------------------------|------------|
| BUSN 18 | Business Law             | 3.0<br>2nd |
| BUSN 40 | Introduction to Business | 3.0<br>1st |
| BUSN 45 | Entrepreneurship         | 3.0<br>2nd |

*List A: Select One (3-4 Units)*

|                |                                                                   |                          |
|----------------|-------------------------------------------------------------------|--------------------------|
| <u>BUSN 33</u> | <u>The Fundamentals of Personal and Family Financial Planning</u> | <u>3.0</u><br><u>1st</u> |
| BUSN 1A        | Financial Accounting                                              | 4.0<br>1st               |
| BUSN 51        | Accounting for Small Businesses                                   | 3.0<br>1st               |
| BUSN 55        | Business Mathematics                                              | 3.0<br>1st               |

*List B: Select One (3 Units)*

|         |                            |            |
|---------|----------------------------|------------|
| BUSN 56 | Introduction to Management | 3.0<br>2nd |
| BUSN 58 | Small Business Management  | 3.0<br>2nd |
| MKTG 50 | Introduction to Marketing  | 3.0<br>2nd |
| MKTG 61 | Professional Selling       | 3.0<br>2nd |

*List C: Select One (3 Units)*

|            |                                  |            |
|------------|----------------------------------|------------|
| BUSN 48    | Human Relations in Organizations | 3.0<br>1st |
| BUSN 52    | Business Communications          | 3.0<br>1st |
| COMM C1000 | Introduction to Public Speaking  | 3.0<br>1st |

**Total: 18.0-19.0**

#### 4. Career Opportunities

It is estimated by the Department of Labor and the Small Business Administration that 80% of new jobs are initially created by small businesses. Entrepreneurs that start new businesses, add to the existing job market and take on the risk and rewards of being an owner. Putting an idea to work in a competitive economy can lead to satisfying personal achievement with some new ventures generating enormous job opportunities for others and wealth for the entrepreneur, investors, and employees.

Choosing to pursue an entrepreneurship certificate and/or degree can offer a variety of career paths and can meet a variety of career goals. Entrepreneurship careers cover a wide range of industries and locales, and entrepreneurs can find opportunities in businesses of all sizes. An individual's interest and ability to focus on making a project work will determine what kind of career may develop. As an entrepreneur, a career path unique to an individual's interests, business knowledge, and ambition can be carved.

#### 5. Master Planning

This CTE program fits our Educational Master Plan strategies A2 to "Support existing and new programs" and A6 to "Focus on workforce readiness."

#### 6. Enrollment and Completer Projections

5

#### 7. Place of Program in Curriculum/Similar Programs

Will fit well alongside other Business certificates at LPC:

- Bookkeeping
- Supervisory Management
- Retailing

#### 8. Similar Programs at Other Colleges in Service Area

This program has been recommended by the BACCC.

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The Certificate in Entrepreneurship is designed for students who are self-employed, current or prospective business owners, or those interested in new business ventures or startups. This certificate provides the foundation of business competencies including management, marketing, innovation, finance, communication, and leadership skills in a changing world. After a student completes the certificate, they may choose to continue their education and obtain a degree, apply their knowledge to their current job, or start their own business venture immediately.

#### SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

##### Term 1 - Fall Semester

**Units:** 9.0-10.0

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|               |                          |                |
|---------------|--------------------------|----------------|
|               |                          | 3.0 - 4.0      |
|               |                          | Major/Required |
| List A Course |                          |                |
|               |                          | 3.0            |
|               |                          | Major/Required |
| List C Course |                          |                |
|               | Introduction to Business |                |
|               | 3.0                      |                |
| BUSN 40       | Major/Required           |                |

## Term 2 - Spring Semester

**Units: 9.0**

|               |                  |                |
|---------------|------------------|----------------|
| Course        |                  |                |
| Units         | MAJ/GEN/ELEC     |                |
| Semester(s)   |                  |                |
| Offered       |                  |                |
|               | Entrepreneurship |                |
|               | 3.0              |                |
| BUSN 45       | Major/Required   |                |
|               | Business Law     |                |
|               | 3.0              |                |
| BUSN 18       | Major/Required   |                |
|               |                  | 3.0            |
|               |                  | Major/Required |
| List B Course |                  |                |

**Total: 18.0-19.0**



## Technical Program Revision: Environmental Studies - Associate of Arts Degree

**Technical Program Revision: Environmental Studies - Associate of Arts Degree (Launched - Implemented 09-23-2025)**

compared with

**Environmental Studies - Associate of Arts Degree (Active - Implemented 08-15-2025)**

### 1. Statement of Program Goals and Objectives

The Associate of Arts in Environmental Studies degree is a local program designed to prepare students to transfer to CSU and UC Environmental Studies programs. The program has courses that fulfill the lower division requirements for many university Environmental Studies programs.

### 2. Catalog Description

The Associate of Arts in Environmental Studies is a multi-disciplinary program which provides students the academic foundation for understanding the scientific and technological basis of energy technology, as well as the political, social, and economic factors that underlie energy policy choices. This transferable program features a diverse array of classes in the degree pattern from the natural and physical sciences in such associated disciplines as geology, geography, ecology, chemistry, statistics, philosophy, and economics. Students can further expand this foundation by selecting electives from other disciplines such as anthropology and political science.

### 3. Program Requirements

Course

Title

Units

Term

*Required Core: (31 Units)*

|                   |                                      |     |
|-------------------|--------------------------------------|-----|
|                   |                                      | 4.0 |
| BIO 30            | Introduction to College Biology      | 3rd |
|                   |                                      | 3.0 |
| BIO 40            | Humans and the Environment           | 1st |
|                   |                                      | 4.0 |
| CHEM 31           | Introduction to College Chemistry    | 2nd |
| OR                |                                      |     |
|                   |                                      | 4.0 |
| CHEM 6            | Environmental Chemistry              | 2nd |
|                   |                                      |     |
| ECON <del>+</del> |                                      | 3.0 |
| <u>C2001</u>      | Principles of Microeconomics         | 4th |
|                   |                                      | 3.0 |
| EVST 5            | Energy and Sustainability            | 1st |
|                   |                                      | 1.0 |
| EVST 5L           | Energy and Sustainability Laboratory | 1st |
|                   |                                      | 3.0 |
| GEOL 1            | Physical Geology                     | 2nd |
|                   |                                      | 3.0 |
| GEOG 1            | Introduction to Physical Geography   | 3rd |
|                   |                                      | 3.0 |
| PHIL 2            | Ethics                               | 2nd |
|                   |                                      | 4.0 |
| STAT C1000        | Introduction to Statistics           | 2nd |

*List A: Select Two (6-8 Units)*

|         |                                                          |     |
|---------|----------------------------------------------------------|-----|
|         |                                                          | 3.0 |
| ANTR 1  | Biological Anthropology                                  | 3rd |
|         |                                                          | 3.0 |
| ANTR 2  | Introduction to Archaeology                              | 3rd |
|         |                                                          | 3.0 |
| ANTR 3  | Cultural Anthropology                                    | 3rd |
|         |                                                          | 4.0 |
| BIO 60  | Marine Biology                                           | 3rd |
|         |                                                          | 3.0 |
| BIO 70  | Field Biology                                            | 3rd |
|         |                                                          | 3.0 |
| GEOG 15 | Introduction to GIS                                      | 3rd |
|         |                                                          | 4.0 |
| GEOL 2  | Historical Geology                                       | 4th |
|         |                                                          | 3.0 |
| GEOL 5  | Environmental Geology: Hazards & Disasters               | 4th |
|         |                                                          | 3.0 |
| GEOL 7  | Environmental Geology: Resources, Use Impact & Pollution | 4th |

|            |                                                       |            |
|------------|-------------------------------------------------------|------------|
| GEOL 12    | Introduction to Oceanography                          | 3.0<br>4th |
| HUMN 6     | Nature and Culture                                    | 3.0<br>4th |
| POLI 12    | Introduction to California State and Local Government | 3.0<br>4th |
| POLS C1000 | American Government and Politics                      | 3.0<br>4th |
| SOC 5      | Introduction to Global Studies                        | 3.0<br>4th |
| OR         |                                                       |            |
| GS 1       | Introduction to Global Studies                        | 3.0<br>4th |
| NTRN 1     | Introduction to Nutrition Science                     | 3.0<br>3rd |

*Total Units in the Major*

37.0-  
39.0

*Additional General Education and Elective Units*

21.0-  
23.0

The Associate Degree is conferred upon those students who complete the required 60 or more semester units of the degree pattern with a grade-point average of 2.0 or better, of which 12 units must be earned at Las Positas College. In addition, students must complete a General Education pattern in order to earn a degree: see the Las Positas College Associate Degree General Education Pattern or the California General Education Transfer Curriculum (Cal-GETC) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program, the optional course(s) taken, and the GE pattern selected. Elective units must be degree applicable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

**Total: 60.0**

#### **4. Master Planning**

The program meets the Mission of the California Community College System, as well as the Mission and Master Plan of Las Positas College, of providing local degrees for transfer.

#### **5. Enrollment and Completer Projections**

10 per year

#### **6. Place of Program in Curriculum/Similar Programs**

This program is part of the Environmental Studies discipline area.

#### **7. Similar Programs at Other Colleges in Service Area**

The AA in Environmental Studies is an established program within the colleges in our service area.

The Associate of Arts in Environmental Studies is a multi-disciplinary program which provides students the academic foundation for understanding the scientific and technological basis of energy technology, as well as the political, social, and economic factors that underlie energy policy choices. This transferable program features a diverse array of classes in the degree pattern from the natural and physical sciences in such associated disciplines as geology, geography, ecology, chemistry, statistics, philosophy, and economics. Students can further expand this foundation by selecting electives from other disciplines such as anthropology and political science.

## SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters

### Term 1 - Fall Semester

**Units: 14.0**

| Course              | Units                      | MAJ/GEN/ELEC |
|---------------------|----------------------------|--------------|
| Semester(s)         |                            |              |
| Offered             |                            |              |
|                     | Humans and the Environment |              |
|                     | 3.0                        |              |
| BIO 40              | Major/Required             |              |
|                     | Energy and Sustainability  |              |
|                     | 3.0                        |              |
| EVST 5              | Major/Required             |              |
|                     | Energy and Sustainability  |              |
|                     | Laboratory                 |              |
|                     | 1.0                        |              |
| EVST 5L             | Major/Required             |              |
|                     | 3.0                        |              |
|                     | General                    |              |
| English Composition | Education                  |              |
| (Area 1A)           |                            |              |
|                     | 4.0                        |              |
|                     | Elective                   |              |
| AD Elective         |                            |              |

### Term 2 - Spring Semester

**Units: 15.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                      |                                   |
|----------------------|-----------------------------------|
|                      | Environmental Chemistry           |
|                      | 4.0                               |
| CHEM 6               | Major/Required                    |
| OR                   |                                   |
|                      | Introduction to College Chemistry |
|                      | 4.0                               |
| CHEM 31              | Major/Required                    |
|                      |                                   |
|                      | Physical Geology                  |
|                      | 3.0                               |
| GEOL 1               | Major/Required                    |
|                      | Ethics                            |
|                      | 3.0                               |
| PHIL 2               | Major/Required                    |
| AD GE Area 3         |                                   |
|                      |                                   |
|                      | Introduction to Statistics        |
|                      | 4.0                               |
| STAT C1000           | Major/Required                    |
| AD GE Area 2         |                                   |
|                      |                                   |
|                      | 1.0                               |
|                      | General Education                 |
|                      |                                   |
| Kinesiology (Area 7) |                                   |

### Term 3 - Fall Semester

**Units: 16.0**

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                             |                                 |                |
|-----------------------------|---------------------------------|----------------|
|                             | Introduction to College Biology |                |
|                             | 4.0                             |                |
| BIO 30                      | Major/Required                  |                |
|                             | Introduction to Physical        |                |
|                             | Geography                       |                |
|                             | 3.0                             |                |
| GEOG 1                      | Major/Required                  |                |
|                             |                                 | 3.0            |
|                             |                                 | Major/Required |
| List A Course               |                                 |                |
|                             |                                 | 3.0            |
|                             |                                 | General        |
| Oral Communication and      |                                 | Education      |
| Critical Thinking (Area 1B) |                                 |                |
|                             |                                 | 3.0            |
|                             |                                 | General        |
| American Institutions       |                                 | Education      |
| (Area 9)                    |                                 |                |

#### Term 4 - Spring Semester

**Units:** 15.0

Course

Units

MAJ/GEN/ELEC

Semester(s)

Offered

|                                   |                                                       |  |
|-----------------------------------|-------------------------------------------------------|--|
| ECON <del>+</del><br><u>C2001</u> | Principles of Microeconomics<br>3.0<br>Major/Required |  |
|                                   | 3.0<br>Major/Required                                 |  |
| List A Course                     |                                                       |  |
|                                   | 3.0<br>General<br>Education                           |  |
| Health (Area 8)                   |                                                       |  |
|                                   | 3.0<br>General<br>Education                           |  |
| Ethnic Studies (Area 6)           |                                                       |  |
|                                   | 3.0<br>Elective                                       |  |
| AD Elective                       |                                                       |  |

**Total: 60.0**

## 6.5. Program Deactivations

Effective Term: **Fall 2026**

- Automotive Mechanical, CA

Rationale: This program is no longer necessary.