

# SADDLEBACK COLLEGE CURRICULUM COMMITTEE

## AGENDA

College Mission: Saddleback College empowers its diverse student body to achieve personal, academic, and economic advancement through equitable and innovative educational experiences.

**Tuesday, September 24, 2024**

The meeting starts promptly at **3PM in AGB 106**

1. **Approval of Minutes – September 10, 2024, p. 4-7**
2. **Approval of Agenda**
3. **Public Comments** – Anyone may address the Curriculum Committee on any item NOT on the Agenda **within the subject matter and jurisdiction of the Senate pursuant to Section 53200 of Title 5 California Code of Regulations.** Each speaker is limited to two minutes.
4. **Chair’s Report**
5. **Curriculum Committee Training – Information Item**
6. **Curriculum Committee 2024-25 Goals – Information and Discussion Item, p. 8**
7. **Proposed New Credit Program (Social Work and Human Services Associate in Arts for Transfer) for Academic Year 2025-26 – Information Item, p. 9-11**
8. **Proposed Course Revisions for Academic Year 2025-26 – Information Item, p. 12-13**
9. **Proposed New Noncredit Program Justification (EKG Technician Certificate of Completion) for Academic Year 2025-26 (Spring) – Information Item, p. 14-15**
10. **Proposed New Noncredit Course Justification (MA 618NC/418NC – Electrocardiography) for Academic Year 2025-26 (Spring) – Information Item, p. 16-18**
11. **Proposed New Credit Program Justifications for Academic Year 2025-26 (Spring) – Information Item, p. 19-20**
  - A. Kinesiology – Sports Administration A.A. Degree
  - B. Salon Management Certificate of Achievement
12. **Proposed New Credit Course Justifications for Academic Year 2025-26 (Spring) – Information Item, p. 21-26**
  - A. BUS 632 (232) – Salon Management
  - B. KNES 648 (148) – Introduction to Sports Administration
13. **Proposed Course Revisions for Academic Year 2025-26 – Information and Action Item, p. 27-28**
  - A. Prerequisite change:
    - a. ~~PSYC 2 – prereq from PSYC 1 or PSYC 1H and PSYC 44 or MATH 10 or BUS 10 to PSYC C1000 or PSYC C1000H and PSYC 44 or STAT C1000 or STAT C1000H or BUS 10~~
    - b. ~~PSYC 2H – prereq from PSYC 1 and PSYC 1H, PSYC 44 or MATH 10 or BUS 10 to PSYC C1000 or PSYC C1000H and PSYC 44 or STAT C1000 or STAT C1000H or BUS 10~~
  - B. Remaining course changes
14. **Proposed New Credit Program Justifications for Academic Year 2025-26 (Spring) – Action Item, p. 29-30**
  - A. Commercial Music for Cinema/TV/Radio Certificate of Achievement
  - B. Networking Administrator Essentials Certificate of Achievement
15. **Proposed New Noncredit Program Justification (Healthcare Data Analytics Certificate of Completion) for Academic Year 2025-26 (Spring) – Action Item, p. 31**

**SADDLEBACK COLLEGE  
CURRICULUM COMMITTEE**

**AGENDA (Continued)**

- 16. Proposed New Noncredit Course Justifications for Academic Year 2025-26 (Spring) – Action Item, p. 32-49**
  - A. CIM 608NC (408NC): Introduction to Data Science
  - B. CIMA 612NC (412NC): Managing Projects Using Microsoft Products
  - C. PHIT 600NC (400NC): Health Information Science
  - D. PHIT 611NC (411NC): Introduction to Health Informatics
  - E. PHIT 630NC (430NC): Introduction to Public Health Informatics and Technology
  - F. PHIT 640NC (440NC): Public Health Data Reporting Techniques
  
- 17. Proposed Course Revisions for Academic Year 2025-26 – Action Item, p. 50-51**
  - A. Prerequisite change:
    - a. ARAB 10 – prereq from ~~ARAB 2 or four years of high school Arabic~~ to ARAB 2 or three years of high school Arabic
  - B. Remaining course changes
  
- 18. Proposed Course Revisions for Academic Year 2025-26 – Consent Item, p. 52-53**
  
- 19. Proposed New Program Correction (Administration of Justice Associate in Science for Transfer) for Academic Year 2025-26 – Consent Item, p. 54-55**
  
- 20. Proposed Program Revisions for Academic Year 2025-26 – Consent Item, p. 56-99**
  - A. Alternative Fuel Vehicle Specialist Certificate of Achievement
  - B. Alternative Fuel Vehicle Specialist A.S. Degree
  - C. Automotive Chassis Specialist Certificate of Achievement
  - D. Automotive Chassis Specialist A.S. Degree
  - E. Automotive Engine Performance Specialist Certificate of Achievement
  - F. Automotive Engine Performance Specialist A.S. Degree
  - G. Automotive Engine Service Specialist Certificate of Achievement
  - H. Automotive Engine Service Specialist A.S. Degree
  - I. Computer Graphics Certificate of Achievement
  - J. Computer Graphics A.S. Degree
  - K. Digital Media Certificate of Achievement
  - L. General Automotive Technician Certificate of Achievement
  - M. General Automotive Technician A.S. Degree
  - N. Graphic Communications Certificate of Achievement
  - O. Graphic Communications A.S. Degree
  - P. Graphic Design Certificate of Achievement
  - Q. Graphic Design A.S. Degree
  - R. History A.A. Degree
  - S. History AA-T Degree
  - T. Illustration/Animation Certificate of Achievement
  - U. Illustration/Animation A.A. Degree
  - V. Interior Design A.S. Degree
  - W. Journalism and New Media A.S. Degree
  - X. Level I – Interior Design Foundations Certificate of Achievement
  - Y. Level II – Interior Design Certificate of Achievement
  - Z. Level III - Interior Design Professional Certificate of Achievement
  - AA. Music A.A. Degree
  - BB. Sustainable Landscape Design Certificate of Achievement
  - CC. Sustainable Landscape Design A.S. Degree
  
- 21. Representational Area Reports (if time allows)**
  
- 22. Announcements**
  - A. The next Curriculum Committee meeting is on Tuesday, October 8<sup>th</sup> at 3pm in AGB 106.
  - B. The next GE Committee meeting is on Tuesday, October 8<sup>th</sup> at 4pm in AGB 106.

# SADDLEBACK COLLEGE CURRICULUM COMMITTEE

## AGENDA

College Mission: Saddleback College empowers its diverse student body to achieve personal, academic, and economic advancement through equitable and innovative educational experiences.

- C. The deadline to launch new course proposals for implementation in Spring 2026 is December 6<sup>th</sup>.
- D. The deadline to submit new course and program intents for academic year 2026-27 is January 24<sup>th</sup>.

**23. Public Interest Announcements (if time allows)**

**24. Adjourn**

### **COMPLIANCE WITH BROWN ACT**

The Curriculum Committee is a subcommittee of the Academic Senate and therefore must comply with the Brown Act. Section 54954.2(a) of the Ralph M. Brown Act states that "*No action or discussion shall be undertaken on any item not appearing on the posted agenda, except that members of a legislative body or its staff may briefly respond to statements made or questions posted by persons exercising their public testimony rights under Section 54954.3.* In addition, on their own initiative or in response to questions posted by the public, a member of a legislative body or its staff may ask a question for clarification....

# SADDLEBACK COLLEGE CURRICULUM COMMITTEE

## Attendance

College Mission: Saddleback College empowers its diverse student body to achieve personal, academic, and economic advancement through equitable and innovative educational experiences.

**Tuesday, September 10, 2024**

### Curriculum Team and Leadership in Attendance

- |                      |                       |
|----------------------|-----------------------|
| 1. Michelle Duffy    | Curriculum Chair      |
| 2. Stephanie Di Alto | Curriculum Specialist |
| 3. Aimee Tran        | Articulation Officer  |

### Curriculum Team and Leadership in Absence

- |                     |     |
|---------------------|-----|
| 1. Tram Vo-Kumamoto | VPI |
|---------------------|-----|

### Voting Members in Attendance

- |                               |  |
|-------------------------------|--|
| 1. Jessica Beck               | Extended Learning                              |
| 2. Mike Bennett               | Kinesiology & Athletics                        |
| 3. Linda Call                 | Health and Wellness                            |
| 4. Deborah Chau               | Counseling and Special Programs                |
| 5. Tom DeDonno                | Business and Industry                          |
| 6. Beau Ewan (alternate)      | Humanities and Social Sciences                 |
| 7. Farida Gabdrakhmanova      | Arts, Media, Performance, and Design           |
| 8. Annie Gilbert              | Extended Learning                              |
| 9. Carmenmara Hernandez-Bravo | Humanities and Social Sciences                 |
| 10. Lori Hoolihan (alternate) | Health and Wellness                            |
| 11. Susan Miller              | Health and Wellness                            |
| 12. June Millovich            | Humanities and Social Sciences                 |
| 13. Jennifer Rohles           | Kinesiology & Athletics                        |
| 14. Brooke Sauter (alternate) | Counseling and Special Programs                |
| 15. Carolyn Seaman            | Instructional Support and Teaching Innovations |
| 16. Tamara Sison              | Science, Technology, Engineering, and Math     |
| 17. Michelle Weckerly         | Business and Industry                          |
| 18. Karla Westphal            | Science, Technology, Engineering, and Math     |

### Voting Members Absent

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. Hollis Casey (represented by alt.) | Counseling and Special Programs      |
| 2. Ari Grayson                        | Arts, Media, Performance, and Design |

### Administrators in Attendance

- |                   |                                |
|-------------------|--------------------------------|
| 1. Jessica Kaven  | Humanities and Social Sciences |
| 2. Sherrie Loewen | Health and Wellness            |
| 3. Dan Predoehl   | Extended Learning              |

# SADDLEBACK COLLEGE CURRICULUM COMMITTEE

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## MINUTES

College Mission: Saddleback College empowers its diverse student body to achieve personal, academic, and economic advancement through equitable and innovative educational experiences.

**Tuesday, September 10, 2024**

The meeting starts promptly at **3PM in AGB 106**

1. **Approval of Minutes – August 27, 2024, p. 4-7**
  - **First: Carmenmara Hernandez-Bravo**
  - **Second: Michelle Weckerly**
  - **Motion passed**
2. **Approval of Agenda**
  - **Michelle Duffy announced that agenda item 15 necessitated revision – items A-J, M, and N needed to be pulled so that they can be updated to reflect recent UCTCA approvals.**
  - **First: Carmenmara Hernandez-Bravo**
  - **Second: Karla Westphal**
  - **Motion passed**
3. **Public Comments – Anyone may address the Curriculum Committee on any item NOT on the Agenda within the subject matter and jurisdiction of the Senate pursuant to Section 53200 of Title 5 California Code of Regulations.** Each speaker is limited to two minutes.
  - **There were no public comments.**
4. **Chair's Report**
  - **There was no report from the chair.**
5. **Curriculum Committee Training – Information Item**
  - **Michelle Duffy gave a brief update regarding Common Course Numbering. Six courses plus their related honors versions are coming through for revision this cycle; the templates were just published last week and we are working through what needs to be done to meet the requirements of the templates. All courses will need to be approved by the Committee by October 8<sup>th</sup> in order for the courses to be approved at the November BoT meeting for submission to the state by the December 1<sup>st</sup> deadline. Further information will be forthcoming for impacted faculty.**
6. **Review the Curriculum Committee Annual Evaluation and 2023-24 Goals; 2024-2025 Goals – Information and Discussion Item, p. 8-20**
  - **Michelle Duffy reviewed the results of the committee's annual evaluation and last year's goals.**
  - **Discussion of the 2024-25 goals was tabled until the September 24<sup>th</sup> meeting.**
7. **Proposed New Credit Program Justifications for Academic Year 2025-26 (Spring) – Information Item, p. 21-22**
  - **Two new credit program justification forms (Commercial Music for Cinema/TV/Radio Certificate of Achievement and Networking Administrator Essentials Certificate of Achievement) were presented for information.**
  - **The commercial music certificate was collaboratively created by the Music department and the Cinema, Television, Radio departments; the Music department will be the program owner.**
  - **Tom DeDonno explained that the courses comprising the Networking Administrator Essentials certificate teach skills that are highly sought after by employers.**
8. **Proposed New Noncredit Program Justification (Healthcare Data Analytics Certificate of Completion) for Academic Year 2025-26 (Spring) – Information Item, p. 23**
  - **The justification form for this new noncredit program was presented for information.**

**SADDLEBACK COLLEGE  
CURRICULUM COMMITTEE**

**MINUTES (Continued)**

9. **Proposed New Noncredit Course Justifications for Academic Year 2025-26 (Spring) – Information Item, p. 24-41**
- Six new noncredit courses (CIM 408NC, CIMA 412NC, PHIT 400NC, PHIT 411NC, PHIT 430NC, and PHIT 440NC) that will comprise the new Healthcare Data Analytics Certificate of Completion were presented for information. These courses all have credit course equivalents (CIM 8, CIMA 212, HIT 100, HIT 111, HIT 230, and HIT 240).
10. **Proposed Course Revisions for Academic Year 2025-26 – Information Item, p. 42-43**
- **Item 10A (Prerequisite change for ARAB 10)**
    - The number of years of high school Arabic is being revised from four to three to align with the prerequisite for other Intermediate Conversational international language courses.
  - **Item 10B (Remaining course changes)**
    - Other courses in this item include work experience courses for interior design and automotive technology being revised to meet the statewide changes made to how units are calculated for work experience courses.
11. **Proposed New Programs for Academic Year 2025-26 – Action Item, p. 44-47**
- Michelle briefly explained the difference between ADTs and local degrees.
  - A. Administration of Justice Associate in Science for Transfer
    - First: June Millovich
    - Second: Linda Call
    - Carmenmara Hernandez-Bravo sought clarification regarding whether the MATH department would continue to teach Introduction to Statistics when the prefix changes to STAT for Common Course Numbering to which Karla Westphal responded affirmatively.
    - Motion passed
  - B. Computer Science Associate in Science for Transfer
    - First: Carmenmara Hernandez-Bravo
    - Second: Karla Westphal
    - Motion passed
12. **Proposed Course Revisions for Academic Year 2025-26 – Action Item, p. 48-50**
- **Item 12A (Prerequisite changes for CHEM 1A, CHEM 1B, CHEM 106, CS 30A, MATH 2, MATH 3A, MATH 3AH, MATH 30A, PSYC 2H)**
    - First: Carmenmara Hernandez-Bravo
    - Second: Tom DeDonno
    - Karla Westphal expressed that she will vote for the prerequisite changes for MATH because they are legally mandated, however, she believes these changes are anti-equity and anti-student.
    - Motion passed
  - **Item 12B (Recommended preparation changes for CDE 41, CDE 90, CHEM 1A, PHIL 14)**
    - First: Carmenmara Hernandez-Bravo
    - Second: Linda Call
    - Motion passed
  - **Item 12C (Remaining course changes)**
    - First: Carmenmara Hernandez-Bravo
    - Aimee Tran sought clarification regarding the grade option change for CDE 41 to letter grade only. Stephanie Di Alto checked the justification for the course revision in META and the rationale provided was “Letter Grade only because students need a letter grade for pre-req to credential programs.”
    - Second: Linda Call
    - Motion passed

# SADDLEBACK COLLEGE CURRICULUM COMMITTEE

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## MINUTES

College Mission: Saddleback College empowers its diverse student body to achieve personal, academic, and economic advancement through equitable and innovative educational experiences.

13. **Proposed New Credit Course Justifications (CTVR/JRN 601H) for Academic Year 2026-27 – Action Item, p. 51-56**
  - These are new honors versions of existing courses.
  - First: Carmenmara Hernandez-Bravo
  - Second: Karla Westphal
  - Motion passed
14. **Proposed Course Revisions and Deletions for Academic Year 2025-26 – Consent Item, p. 57**
  - First: Carmenmara Hernandez-Bravo
  - Second: Michelle Weckerly
  - Motion passed
15. **Proposed Program Revisions for Academic Year 2025-26 – Consent Item, p. 58-75**
  - Michelle Duffy reminded Members that items A-J, M, and N had been pulled so that they can be updated to reflect recent UCTCA approvals
  - First: Carmenmara Hernandez-Bravo
  - Second: Carolyn Seaman
  - Motion passed – the proposed revisions to the Library Technician Certificate of Achievement, Music Production Entrepreneurship Certificate of Achievement, and The Business of Horticulture and Landscape Design Certificate of Achievement were approved
16. **Representational Area Reports (if time allows)**
  - There were no representational area reports.
17. **Announcements**
  - A. The next Curriculum Committee meeting is on Tuesday, September 24<sup>th</sup> at 3pm in AGB 106.
  - B. The first GE Committee meeting of the fall semester is today, Tuesday, September 10<sup>th</sup> at 4pm in AGB 106.
  - C. The deadline to submit courses for consideration for Cal-GETC for 2025-26 to Articulation is Friday, September 20<sup>th</sup>.
  - D. The deadline to submit new course/program intents for Spring 2026 is Friday, September 20<sup>th</sup>.
18. **Public Interest Announcements (if time allows)**
  - Members announced upcoming campus events.
19. **Adjourn**
  - The meeting was adjourned at 3:43pm.

## COMPLIANCE WITH BROWN ACT

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## Curriculum Committee goals for 2023-2024

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1. Train committee members in META (courses and programs) and procedures for scheduled/unscheduled review and impact
2. Address time sensitive legislation on a regular basis
3. Utilize committee member workgroups to address curriculum matters as needed

9/26/23



SADDLEBACK COLLEGE  
NEW PROGRAM  
ACADEMIC YEAR 2025-2026

New  
**Social Work and Human Services**  
**Associate in Arts for Transfer**

**The Associate in Arts in Social Work and Human Services for Transfer degree prepares students for transfer into majors such as interdisciplinary Health and Human Services, Criminal Justice, Human Services, Social Work, and Sociology. Coursework provides students with direct fieldwork exposure, elements of case assessment and case management, ethical conduct and understanding the qualities of an effective human services professional, while incorporating critical thinking and self-exploration. Upon completion of the degree, students will have a strong academic foundation in interdisciplinary Social and Human Services and satisfy lower-division requirements for transfer to the CSU in preparation for upper-division baccalaureate study or entry into the workforce in state and county agencies, non-profits, and case management and social services work. Students who complete this degree receive priority admission to the CSU system, though admission to a specific campus or major is not guaranteed.**

**Program Student Learning Outcomes**

**Students who complete this program will be able to:**

- **Assess client strengths and needs in the context of whole person within culture.**
- **Demonstrate working knowledge of community agencies, which deliver human services locally, and statewide.**
- **Demonstrate and identify the qualities of an effective human services professional.**
- **Critically evaluate and analyze systematic factors contributing to social services needs.**
- **Understand ethical principles and policies guiding competent provision of services.**

**Associate Degree for Transfer Requirements**

1. **Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:**
  - a. **The California General Education Transfer Curriculum (Cal-GETC).**
  - b. **A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.**
2. **Obtainment of a minimum grade point average of 2.0. Students must earn a “C” (or “P” Pass) or better in all courses required for the major or area of emphasis.**

**Required Core:**

<b><u>HS 100</u></b>	<b><u>Introduction to Human Services</u></b>	<b><u>3</u></b>
<b><u>HS 110*</u></b>	<b><u>Field Instruction and Seminar I</u></b>	<b><u>3.5</u></b>
<b><u>HS 150*</u></b>	<b><u>Field Instruction and Seminar II</u></b>	<b><u>3.5</u></b>

SADDLEBACK COLLEGE  
NEW PROGRAM  
ACADEMIC YEAR 2025-2026

**Select one**

**SOC 1 Introduction to Sociology 3**

**or**

**SOC 1H Honors Introduction to Sociology 3**

**Select one**

**PSYC C1000\* Introduction to Psychology 3**

**or**

**PSYC C1000H\* Introduction to Psychology 3**

**Select one**

**BUS 10\* Business Statistics 3**

**or**

**STAT C1000\* Introduction to Statistics 3**

**or**

**STAT C1000H\* Introduction to Statistics 3**

**or**

**PSYC 44\* Statistics for the Behavioral  
Sciences 3**

**Select one**

**BIO 11\* Human Anatomy 4**

**or**

**BIO 12\* Human Physiology 4**

**or**

**BIO 13 Human Anatomy and Physiology 4**

**Select one**

**ECON 4\* Principles (Micro) 3**

**or**

**ECON 4H\* Honors Principles of  
Microeconomics 3**

**or**

**ECON 2\* Principles (Macro) 3**

**or**

**ECON 2H\* Honors Principles of  
Macroeconomics 3**

**List A: Select two courses**

**HS 19 Introduction to Criminal Justice  
System 3**

**or**

**SOC 19 Introduction to Criminal Justice  
System 3**

**ANTH 2 Cultural Anthropology 3**

**or**

**ANTH 2H Honors Cultural Anthropology 3**

**CDE 7\* Child Growth and Development 3**

**CDE 15\* Child, Family, and Community 3**

**COMM 20 Intercultural Communication 3**

**PSYC 37\* Abnormal Behavior 3**

**HS 120\* Human Development in the Social  
Environment 3**



SADDLEBACK COLLEGE  
 REVISED COURSES  
 ACADEMIC YEAR 2025-2026

School/ Division	Course Id	Catalog Id	Course Title	Action Taken
				assign=assignments
				CA Classification code (J=workforce prep, K=other noncredit enhanced funding, L=not eligible for enhanced funding, Y=credit course)
				cat desc= catalog description
				c/l w/+ cross-listed with (and list the other crs id)
				coreq=corequisite
				crs id=course prefix and/or number
				dc=delete course
				DE=distance education
				dv=delete version of course
				gr opt=grading option
				hrs=hours
				lim=limitation
				lrng obj=learning objectives
				moe=methods of eval
				nc=new course
				nv=new version of existing course
				oe/oe=open entry/open exit
				prereq=prerequisite
				pcs = program course status
				reactv=course reactivation
				rec prep=recommended prep
				rpt=repeatability
				SAM code=occupational code (A=apprenticeship, B=advanced occupational, C=clearly occupational, D=possibly occupational, E=non-occupational)
				sch desc=schedule description
				SLOs=student learning outcomes
				sr=scheduled review is for courses that are scheduled for review and there are no revisions
				ti=title
				TOP code=numerical classification code used to assign programs and courses to disciplines
				tps=topics
				txt=text-required for all courses numbered 1-299
				un=units
				val=validation
AD	CWE 180	<del>405010.00</del> 993069.00	CO-OP-ED-ETT	crs id fr <del>CWE 180</del> to <u>ETT 180WE</u> , ti fr <del>CO-OP-ED ENTERTAINMENT AND THEATRE-TECHNOLOGY</del> to <u>ENTERTAINMENT AND THEATRE TECHNOLOGY WORK EXPERIENCE</u> , cat desc, sch desc, hrs fr <del>0-hr lec/0 hr lab/7.23</del> or <u>9.04 hrs lrng cntr</u> to <u>0 hr lec/0 hr lab/6 hrs lrng cntr</u> , txt, rpt fr <del>R-1</del> to <u>R-I-4</u>

SADDLEBACK COLLEGE  
 REVISED COURSES  
 ACADEMIC YEAR 2025-2026

KN	IA 2	<del>668020.05</del> <u>993071.00</u>	MEN'S BASKETBALL	hrs fr <del>0 lec/10 lab/0 lrng cntr</del> to <u>0 lec/5.0-10.0 hrs lab/0 hr lrng cntr</u> , units fr <del>3.0</del> to <u>1.5-3.0</u> , retaining rpt 3 times
KN	IA 20	<del>992693.05</del> <u>993072.00</u>	OFF SEASON TRAINING	hrs fr <del>0 lec/10 lab/0 lrng cntr</del> to <u>0 lec/2.5-10.0 hrs lab/0 hr lrng cntr</u> , units fr <del>3.0</del> to <u>0.5-3.0</u> , retaining rpt 3 times
KN	IA 30	<del>992689.05</del> <u>993073.00</u>	OFF SEASON TRAINING	hrs fr <del>0 lec/10 lab/0 lrng cntr</del> to <u>0 lec/2.5-10.0 hrs lab/0 hr lrng cntr</u> , units fr <del>3.0</del> to <u>0.5-3.0</u> , retaining rpt 3 times
KN	IA 100	<del>992954.00</del> <u>993070.00</u>	IA ESPORTS	hrs fr <del>0 lec/10 lab/0 lrng cntr</del> to <u>0 lec/5.0-10.0 hrs lab/0 hr lrng cntr</u> , units fr <del>3.0</del> to <u>1.5-3.0</u> , retaining rpt 3 times

**New Program Initiation Form (not needed for ADTs)**

**1** Idea for program. ADTs do NOT need to complete this process.

Faculty Initiator completes Part 2 of this New Program Initiation Form in preparation for Step 3.

a. Program Name: EKG Technician

b. Program Type: (use drop down menu or write in) NonCredit Cert of Completion

c. Program TOP code: 1215.00 CIP: 51.0902 SOC: 29-2031

d. Contact information for Program Initiator: Susan Miller RN,MSN,CAPA Department Chair MA program  
 smiller141@saddleback.edu 949-582-4912

e. Proposed Pathway for new program: Health and Wellness

f. Summary description of the new program: A brief description of the purpose of the new program and the population of students for which it is being developed, and if CTE, the jobs for which students would be prepared. This should look like a catalog description.

The EKG technician program is a short-term, non-credit, Vocational program provides instruction and preparation for work as an ECG technician. Training involves anatomy and physiology of the heart, diseases and conditions, electrocardiography, and monitoring and recording the electrical impulses transmitted by the heart. The course also teaches indications for stress testing, Holter and telemetry monitoring, 12- lead Electrocardiography, Electrophysiology, wave form, measurement, analysis of cardiac rhythms and pacemakers. Upon completion of the certificate, students may be eligible to sit for outside national examinations. The separate national exams are offered at additional cost through the National Workforce Career Association (NWCA) exam and the Healthcareer Association (NHA) EKG Technician Certification (CET) exam. Pass/No Pass, Non-credit.

**2** g. Brief Description of how the idea for the new program came about: If proposal is for an OSA, include a statement why Saddleback would support an OSA in contrast to offering a certificate program.

- Certificate of completion meets need for short term vocational training preparing workers for work in medical offices, clinics, hospitals or remote telemetry monitoring offices. There are not any existing EKG technician programs in Orange County. The closest similar program is offered through CSULB, but the program is expensive.
- According to the Bureau of Labor Statistics. (2023). Occupational Outlook Handbook and the National Healthcareer Association (2024) Industry Outlook report, the number of work force ready EKG technician's has decreased by 15% since 2022. This is expected to increase with the aging and retiring of the existing workforce. In addition, employers reported that 33% lack skills training in communication professionalism and electronic healthcare records; 78% of employers report difficulty finding certified EKG technicians and, 94% of employers require certification for all EKG technicians.
- According to BLS data, job opportunities for cardiovascular technologists and technicians across specialties is expected to grow 22% by 2024, with a 2015 median salary of \$54,880, based on skills and experience. This is a faster growth than the average for all occupations.
- In addition, the imaging technology is rapidly evolving and is replacing more expensive and invasive procedures. This makes monitoring of patient's outside of a hospital facility more affordable. Doctor's offices and diagnostic facilities anticipate the need for certified EKG technicians for work in these settings.
- Aging populations are living longer and more likely to require the use EKG monitoring as a noninvasive, diagnostic tool in the management of chronic disease.

- The short term, noncredit, vocational program provides opportunities for Saddleback College and our students. The short-term EKG tech program offers students and employers opportunities to meet employment and hiring demands. employment and industry hiring demands.

**h. Please list all courses to be included in the program and total units:** If courses are new or need to be revised, please mark as such.

**MA 606NC (406NC)- Introduction to Medical Assisting 49.8hrs (new)**  
**MA 618NC (418NC)-Electrocardiography 99.6hrs (new)**

<b>Document Department/Inter-Departmental discussions with signatures in preparation for Step 4</b>		
<b>3</b>	Signature/Date, Program Initiator <i>Susan Miller Dept Chair</i>	Signature/Date, Dept. Chair <i>Susan Miller April 24, 2024</i>
	Signature/Date, Division Dean <i>Sharris Lawson, Ph.D.</i> Apr 24, 2024	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a
<b>4</b>	<b>Articulation Officer: Review date (if applicable)</b> Date _____ Initials _____	<b>EWD Director: Review date (if applicable)</b> Date _____ Initials _____
<b>5</b>	<b>Curriculum Committee: Review date</b>	
<b>6</b>	<b>Consultation Council: Review date</b>	<b>7</b> <b>Curriculum Chair posts cleared Notice of Intent on the Curriculum Website New Program Status link</b>

**Do not go over 1 page. If document expands further, review to be more concise. You can remove this warning.**

**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

**NEW COURSE PROPOSAL**

Date: April 24 2024	Prepared & Submitted by: Susan Miller
Department: Medical Assisting	Course Prefix & Number 600: MA 618NC (418NC)

**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

Click to enter date	April 24, 2024	Susan Miller (white) _____ Signature, Faculty Requestor
Click to enter date	April 24, 2024 _____ Susan Miller	Susan Miller (white) _____ Signature, Department Chair
Click to enter date	_____	_____ Signature, Other related discipline Chair (if relevant)
Click to enter date	Sherrie Loewen Ph.D _____ Print Name	_____ Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  ) Electrocardiography	Short Title: Electrocardiography
Units: 3	Lec hrs: 2.00      Lab hrs: 3.00
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit	
TOP Code: 1215.00	Non-Credit Category: Short-term Vocational      1. Occupational Code C

1. Anticipated first term of offering:       Fall    Spring      Year 2026

2. Catalog Description:

Students learn skills related to diagnostic testing of the cardiopulmonary system, cardiac monitoring and 12-lead ECG. Course prepares students for work in a medical office, ambulatory care center, healthcare organization or hospital performing continuous monitoring, ECG/EKG's, 12-lead -ECG/EKG's or holter, telemetry monitoring. Students learn to identify normal and abnormal rates, rhythms, measurements, life-threatening cardiac events, and interventions. Intended for healthcare workers or students seeking additional job skills.

3. Is this course being aligned to a C-ID descriptor?       Yes       No       N/A

C-ID Code: [Click here to enter text.](#)

If yes, see the Articulation Officer for assistance with C-ID descriptors.

4. Will course be cross-listed?       Yes       No

If yes, which department is responsible for scheduling, updating, and assessing the course?

Reason for cross-listing: [Click here to enter text.](#)



5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet students' needs in ways that currently approved courses (including those from other departments) do not? Need for noncredit option in addition to graded option was identified by department chair and program advisory committee members. The noncredit course is part of a noncredit program pathway intended for students not requiring college credits. There is only one ECG tech program within the region, it is located in Long Beach and it is very expensive. This course is recommended for existing workers or students interested in working as an ECG/EKG tech in an ambulatory facility, medical office or hospital.

Non-credit is intended for the incumbent worker seeking updated knowledge and skills. Non-credit graded as pass no pass

6. Course Requisites:

List all requisites\*:

Prerequisite: none

Co-requisite: none

Limitation on enrollment: none

Recommended Prep:

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: EKG Technician Certificate of Completion

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/ equipment, facilities.
- Staff
  - Faculty
  - Internet
  - Computer technology
  - Webcam
  - Classroom or room with functional Wifi
  - Electrocardiography machines with cables, capable of 12 lead ECG using manual and automatic modes.
  - Monitor(s) at least two monitors capable of simulating cardiac rhythm(s)
  - Electrodes, ECG paper, calipers, computer software
  - Clinical MA PPE, exam room supplies (table, paper, capes, drapes)
  - Simulation equipment: Telemetry/Holter monitor
  - Vital signs machines at least four machines

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

- 12A. Transfer: Would you recommend that this course transfer to:
- CSU  Yes  No UC  Yes  No
- Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No  
 Please attach documentation. If so, complete the following:

Click here to enter text.	Click	at	Click	Click	Required for	Click
Course Title	Course No.		CSU Campus	UC Campus		Program or Major
Click	Click	at	Click	Click	Required for	Click
Course Title	Course No.		CSU Campus	UC Campus		Program or Major
Click	Click	at	Click	Click	Required for	Click
Course Title	Course No.		CSU Campus	UC Campus		Program or Major

- 12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Natural Science	Social Science	Humanities /Art	Lifelong Learning	Communi-cations	Math/Quantitative	American Institutions	Cultural Diversity
AA/AS/GE Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CSU G.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UC Transfer/GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IGETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**New Program Initiation Form (not needed for ADTs)**

<b>1</b>	<p>Idea for program. ADTs do NOT need to complete this process.</p>					
<b>2</b>	<p>Faculty Initiator completes Part 2 of this New Program Initiation Form in preparation for Step 3.</p> <p>a. Program Name:       <b>Kinesiology-Sports Administration</b></p> <p>b. Program Type: (use drop down menu or write in) <b>A.A or A.S. Degree</b></p> <p>c. Program TOP code:   <b>0835.00</b>                   <b>CIP: 31.0501</b></p> <p>d. Contact information for Program Initiator: <b>Lindsay Steinriede</b>                  lsteinriede@saddleback.edu    phone</p> <p>e. Proposed Pathway for new program:</p> <p>f. Summary description of the new program:                  A Sports Administration AA degree will equip students with the foundational knowledge and practical skills needed to thrive in the growing sports industry. The program will offer a multidisciplinary curriculum that integrates sports management principles, business, and government, preparing graduates for entry-level roles in sports organizations, recreational facilities, and fitness industries, or to transfer to four-year universities for further study. This degree will benefit students interested in sports administration, event coordination, and athletic program management. Additionally, it caters to athletes and sports enthusiasts looking to turn their passion for sports into a professional career. By offering this degree, our division aims to fill a gap in its curriculum while providing students with the tools to pursue careers in sports management or continue their education at a four-year institution.</p> <p>g. Brief Description of how the idea for the new program came about:                  The idea for a new Sports Administration AA degree arose from the increasing demand for professionals in the sports management industry and the recognition that many students are passionate about sports but are unclear about the academic pathway to enter the field. After multiple discussions within our division, among the community, and with students, we believe there is a need for a focused program that blends sports with business management.</p> <p>h. Please list all courses to be included in the program and total units: If courses are new or need to be revised, please mark as such.</p> <ul style="list-style-type: none"> <li>• KNES 51- Introduction to Kinesiology (3)</li> <li>• KNES 46- Sport &amp; Society (3)</li> <li>• KNES 105- Mental Skills for Sport Performance (3)</li> <li>• KNES 600- Introduction to Sports Administration (new proposal) (3)</li> <li>• ACCT 1A- Financial Accounting (4)</li> <li>• PS1-American Government or PS1H Honors American Government (3)</li> </ul>					
<b>3</b>	<p><b>Document Department/Inter-Departmental discussions with signatures in preparation for Step 4</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">                     Signature/Date, Program Initiator  <i>Lindsay Steinriede</i>    9/19/24                 </td> <td style="width: 50%;">                     Signature/Date, Dept. Chair  <i>Lindsay Steinriede</i>    9/19/24                 </td> </tr> <tr> <td>                     Signature/Date, Division Dean  <i>Daniel Clauss</i>         9/19/24                 </td> <td>                     Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a                 </td> </tr> </table>		Signature/Date, Program Initiator <i>Lindsay Steinriede</i> 9/19/24	Signature/Date, Dept. Chair <i>Lindsay Steinriede</i> 9/19/24	Signature/Date, Division Dean <i>Daniel Clauss</i> 9/19/24	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a
Signature/Date, Program Initiator <i>Lindsay Steinriede</i> 9/19/24	Signature/Date, Dept. Chair <i>Lindsay Steinriede</i> 9/19/24					
Signature/Date, Division Dean <i>Daniel Clauss</i> 9/19/24	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a					
<b>4</b>	<p><b>Articulation Officer: Review date (if applicable)</b></p> <p>Date    <b>Sept. 19, 2024</b>                    Initials <u>AT</u></p>	<p><b>EWD Director: Review date (if applicable)</b></p> <p>Date    Initials _____</p>				
<b>5</b>	<p><b>Curriculum Committee: Review date</b></p>					
<b>6</b>	<p><b>Consultation Council: Review date</b></p>	<b>7</b>				
		<p><b>Curriculum Chair posts cleared Notice of Intent on the Curriculum Website New Program Status link</b></p>				

Do not go over 1 page. If document expands further, review to be more concise. You can remove this warning.

**New Program Initiation Form (not needed for ADTs)**

<b>1</b>	<b>Idea for program. ADTs do NOT need to complete this process.</b> <b>Faculty Initiator completes Part 2 of this New Program Initiation Form in preparation for Step 3.</b> <b>a. Program Name:</b> Salon Management <b>b. Program Type: (use drop down menu or write in)</b> Certificate <b>c. Program TOP code:</b> 0506.40 <b>CIP:</b> 52.0703 <b>SOC:</b> 11-9179 <b>d. Contact information for Program Initiator:</b> Michelle Weckerly mweckerly@saddleback.edu    949-419-7850 <b>e. Proposed Pathway for new program:</b> Business & Industry <b>f. Summary description of the new program:</b> The Certificate of Achievement in Salon Management prepares the licensed Cosmetologist, Barber, Esthetician, or Manicurist to open and operate their own salon or manage a salon for another owner. Topics include opportunity assessment, target markets, marketing strategies, financial measurement metrics, legal considerations, human resource management, and operational and management issues.  <b>g. Brief Description of how the idea for the new program came about:</b> With the growth of Saddleback’s EWA Cosmetology programs, this program was proposed to help position our graduates to increase their earning potential by moving into salon management positions or starting their own salons. The Business Department’s February 2024 Advisory Committee, which included a former hairstylist, strongly recommended this program.  <b>h. Please list all courses to be included in the program and total units:</b> If courses are new or need to be revised, please mark as such. <b>Required Core (10 units)</b> BUS 160 Entrepreneurship, BUS 223 Human Resource Management, BUS 106 Legal Aspects of Entrepreneurship BUS 632/232 Salon Management (New Class) <b>Restricted Electives (6 units)</b> BUS 105 Social Media Marketing, BUS 120 Business Management, BUS 125 Human Relations in Business, BUS 135 Marketing, BUS 136 Principles of Retailing, BUS 180WE Business Work Experience, BUS 196 Workplace Success Skills, BUS 205 Business Math, ACCT 235 Entrepreneurial Accounting, CIM 10 Introduction to Information Systems					
<b>2</b>						
<b>3</b>	<b>Document Department/Inter-Departmental discussions with signatures in preparation for Step 4</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           Signature/Date, Program Initiator  <i>Michelle Weckerly</i>      07/29/2024         </td> <td style="width: 50%;">           Signature/Date, Dept. Chair  <i>Michelle Weckerly</i>      07/29/2024         </td> </tr> <tr> <td>           Signature/Date, Division Dean            John A Jaramillo      <small>Digitally signed by John A Jaramillo Date: 2024.07.30 16:38:29 -07'00'</small> </td> <td>           Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a         </td> </tr> </table>		Signature/Date, Program Initiator <i>Michelle Weckerly</i> 07/29/2024	Signature/Date, Dept. Chair <i>Michelle Weckerly</i> 07/29/2024	Signature/Date, Division Dean John A Jaramillo <small>Digitally signed by John A Jaramillo Date: 2024.07.30 16:38:29 -07'00'</small>	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a
Signature/Date, Program Initiator <i>Michelle Weckerly</i> 07/29/2024	Signature/Date, Dept. Chair <i>Michelle Weckerly</i> 07/29/2024					
Signature/Date, Division Dean John A Jaramillo <small>Digitally signed by John A Jaramillo Date: 2024.07.30 16:38:29 -07'00'</small>	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a					
<b>4</b>	<b>Articulation Officer: Review date (if applicable)</b> <b>Date</b> <b>Initials</b> _____	<b>EWD Director: Review date (if applicable)</b> <b>Date</b> <b>Initials</b> _____				
<b>5</b>	<b>Curriculum Committee: Review date</b>					
<b>6</b>	<b>Consultation Council: Review date</b>	<b>7</b>				
	<b>Curriculum Chair posts cleared Notice of Intent on the Curriculum Website New Program Status link</b>					

**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

NEW COURSE PROPOSAL			
Date: 07/29/24		Prepared & Submitted by:	Michelle Weckerly
Department: Business		Course Prefix & Number 600:	632/232

Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.		
7/29/2024	Michelle Weckerly _____ Print Name	<u>Michelle Weckerly</u> Signature, Faculty Requestor
Click to enter date	John Jaramillo _____ Print Name	_____ Signature, Department Chair
Click to enter date	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
Click to enter date	Click here to enter text. _____ Print Name	<b>John A Jaramillo</b> <small>Digitally signed by John A Jaramillo Date: 2024.07.30 16:39:43 -07'00'</small> Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  ) Salon Management	Short Title: Salon Mgmt
Units: 2	Lec hrs: 2
Lab hrs: none	
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit	
TOP Code: 0506.40	Non-Credit Category: Click here to enter text.
Occupational Code (SAM): C	

1. Anticipated first term of offering:                      Fall     Spring                      Year 2026
  
2. Catalog Description:  
 The Salon Management course is for the licensed Cosmetologist, Barber, Esthetician, or Manicurist. Prepares students to operate a salon or spa with a focus on business operations and entrepreneurial practices. Students learn how to operate a salon, manage employees, build and sustain clientele and customer relations, foster a positive working environment, and employ sales techniques. Students learn about business regulations and laws, lease and rent agreements, business permits, and all business licensure that is required in California. Students develop a salon/spa business plan with a design layout.
  
3. Is this course being aligned to a C-ID descriptor?                       Yes                       No                       N/A  
 C-ID Code: Click here to enter text.  
 If yes, see the Articulation Officer for assistance with C-ID descriptors.
  
4. A. Will course be cross-listed?     Yes                       No  
 If yes, which department is responsible for scheduling, updating, and assessing the course?  
 Reason for cross-listing: Click here to enter text.
  
- B. If you are mirroring a Non-Credit course with a Credit course- please list Credit course here:

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

The Salon Management course is a required course in a newly proposed Salon Management Certificate. This certificate was recommended by the Dean of Saddleback's Economic and Workforce Advancement and recommended by the Business Department's Advisory Board to support our Cosmetology Department by preparing students earning licenses to start their own salons or move into supervisor/management positions that improve earning capacity. The Salon Management program contributes to the fulfillment of aspects of the College mission related to developing employment skills and opportunities, as well as to the College's role in employment and workforce development.

6. Course Requisites:

List all requisites\*:

Prerequisite:

Co-requisite: [Click here to enter text.](#)

Limitation on enrollment: Students must have valid license (Valid Cosmetologist, Barber, Esthetician, and Manicurist License)

Recommended Prep: [Click here to enter text.](#)

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

**Justification:** The prerequisite will assure that a student has the skills, concepts, and/or information needed to succeed (receive a satisfactory grade).

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: Salon Management Certificate of Achievement

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/ equipment, facilities.

The class will require 1 faculty and classroom with whiteboard

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:

CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation and complete below:

<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? N/A


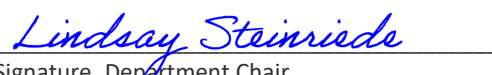

	Language/Rationality (English Comp, Communication/Analytical Thinking/Critical Thinking, Mathematics)	Arts/Humanities	Social/Behavioral Sciences	Natural Sciences	Life Long Understanding	Ethnic Studies
Local GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cal-GETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT

**NEW COURSE PROPOSAL**

Date: 9/14/24	Prepared & Submitted by: Lindsay Steinriede
Department: Kinesiology	Course Prefix & Number 600: KNES 648 (148)

**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

9/19/24	Lindsay Steinriede _____ Print Name	 Signature, Faculty Requestor
9/19/2024	Lindsay Steinriede _____ Print Name	 Signature, Department Chair
Click to enter date	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
9/19/2024	Dan Clauss _____ Print Name	 Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )	Short Title: Introduction to Sports Administration	
Introduction to Sports Administration		
Units: 3	Lec hrs: 3	Lab hrs: 0
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit		
TOP Code: 0835.00	Non-Credit Category: <a href="#">Click here to enter text.</a>	Occupational Code (SAM): E

1. Anticipated first term of offering:             Fall    Spring            Year 2026
  
2. Catalog Description:  
 This course provides an overview of the sports administration field, exploring the various components of managing sports organizations, teams, personnel, and events. Students will learn about key concepts such as leadership, ethics, marketing, finance, and strategic planning and operations, within the context of both amateur and professional sports. The course will also cover topics such as history of sport, socio-cultural influences, current trends, and challenges in the sports industry. This course provides a comprehensive foundation for students interested in pursuing a career or further academic study in sports management.
  
3. Is this course being aligned to a C-ID descriptor?             Yes             No             N/A  
 C-ID Code: [Click here to enter text.](#)  
 If yes, see the Articulation Officer for assistance with C-ID descriptors.
  
4. A. Will course be cross-listed?     Yes             No  
 If yes, which department is responsible for scheduling, updating, and assessing the course?  
 Reason for cross-listing: [Click here to enter text.](#)
  
- B. If you are mirroring a Non-Credit course with a Credit course- please list Credit course here:



5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

This course is being created for the proposed Sports Management AA Degree. It will fill a gap in the curriculum that is needed as well as be proposed for articulation with Fresno State's Sports Administration B.S. Program. There is no course like this on across campus. Students interested in this field may also take this transferable introductory course to see if it is a career path of interest for them.

6. Course Requisites:

List all requisites\*:

Prerequisite: N/A

Co-requisite: N/A

Limitation on enrollment: N/A

Recommended Prep: N/A

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: Kinesiology- Sports Administration AA

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/ equipment, facilities.  
 No new resources will be needed. We have everything we need for this class.

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:  
 CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No  
 Please attach documentation and complete below:

Introduction to Sports Administration	to	KINES 45	at	CSU Fresno	Click	Required for	Sports Administration, B.S.
Course Title		Course No.		CSU Campus	UC Campus		Program or Major
Click		Click	at	Click	Click	Required for	Click
Course Title		Course No.		CSU Campus	UC Campus		Program or Major
Click		Click	at	Click	Click	Required for	Click
Course Title		Course No.		CSU Campus	UC Campus		Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Language/Rationality (English Comp, Communication/Analytical Thinking/Critical Thinking, Mathematics)	Arts/Humanities	Social/Behavioral Sciences	Natural Sciences	Life Long Understanding	Ethnic Studies
Local GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cal-GETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

School/ Division	Course Id	Catalog Id	Course Title	Action Taken
				assign=assignments
				CA Classification code (J=workforce prep, K=other noncredit enhanced funding, L=not eligible for enhanced funding, Y=credit course)
				cat desc= catalog description
				c/l w/+ cross-listed with (and list the other crs id)
				coreq=corequisite
				crs id=course prefix and/or number
				dc=delete course
				DE=distance education
				dv=delete version of course
				gr opt=grading option
				hrs=hours
				lim=limitation
				lrng obj=learning objectives
				moe=methods of eval
				nc=new course
				nv=new version of existing course
				oe/oe=open entry/open exit
				prereq=prerequisite
				pcs = program course status
				reactv=course reactivation
				rec prep=recommended prep
				rpt=repeatability
				SAM code=occupational code (A=apprenticeship, B=advanced occupational, C=clearly occupational, D=possibly occupational, E=non-occupational)
				sch desc=schedule description
				SLOs=student learning outcomes
				sr=scheduled review is for courses that are scheduled for review and there are no revisions
				ti=title
				TOP code=numerical classification code used to assign programs and courses to disciplines
				tps=topics
				txt=text-required for all courses numbered 1-299
				un=units
				val=validation
SH	PSYC 2	728020.00	RESEARCH METH IN PSYC	prereq fr <b>PSYC 1 or PSYC 1H and PSYC 44 or MATH 10 or BUS 10</b> to <b>PSYC C1000 or PSYC C1000H and PSYC 44 or STAT C1000 or STAT C1000H or BUS 10</b> , cat desc, sch desc, txt, val, DE fr <del>Emergency use only</del> to <u>not Emergency use only</u>

SH	PSYC 2H	405104.00	HONORS PSYCH METHODS	prereq fr <del>PSYC 1 and PSYC 1H, PSYC 44 or MATH 10 or BUS 10</del> to <u>PSYC C1000 or PSYC C1000H and PSYC 44 or STAT C10000 or STAT C1000H or BUS 10</u> , sch desc, txt, val, DE fr <del>Emergency use only</del> to <u>not</u> <u>Emergency use only</u>
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**New Program Initiation Form (not needed for ADTs)**





<b>1</b>	<p><b>Idea for program. ADTs do NOT need to complete this process.</b></p> <p><b>Faculty Initiator completes Part 2 of this New Program Initiation Form in preparation for Step 3.</b></p> <p><b>a. Program Name: Healthcare Data Analytics</b></p> <p><b>b. Program Type: (use drop down menu or write in) NonCredit Cert of Completion</b></p> <p><b>c. Program TOP code: 1223.00 CIP: 51.0709</b></p> <p><b>d. Contact information for Program Initiator: Safiah Mamoon</b>                  smamoon@saddleback.edu</p> <p><b>e. Proposed Pathway for new program: Health and Wellness</b></p> <p><b>f. Summary description of the new program:</b> A brief description of the purpose of the new program and the population of students for which it is being developed, and if CTE, the jobs for which students would be prepared. This should look like a catalog description.</p> <p>This interdisciplinary, non-credit certificate prepares students for positions in health data collection, data processing, and data analysis. Provides a foundation for future training in data science and big data analysis, and to work with others to manage healthcare projects related to data analysis. Students learn to design and manipulate databases with SQL and database management systems, write computer programs to access and manipulate data files and databases, and work with electronic spreadsheets and database management systems to create models and analyze results. Ideal for students with clinical degrees and incumbent workers. The job outlook for entry level health data analysts is excellent. These positions can have a wide range of job titles including Health Data Analyst, Associate Data Analyst, Data Coordinator, Business Analyst, Data Quality Analyst, Reporting Analyst, Junior Billing Data Analyst, Population Health Data Analyst, Research and Decision Support Specialist among others.</p> <p><b>g. Brief Description of how the idea for the new program came about:</b> If proposal is for an OSA, include a statement why Saddleback would support an OSA in contrast to offering a certificate program.</p> <p>The Health Care Data Analytics Program will be a 431.6 hour non-credit certificate for people who have education or experience in healthcare and need to fill the gaps in analytics. The program will be of value to all healthcare professionals (nursing, EMTs, public health workers, physicians, and to IT professionals transitioning to healthcare. BLS projects a growth in demand for employment of health information technologists include health data analysts, and medical registrars is projected to grow 16 percent from 2022 to 2032, much faster than the average for all occupation. About 3,100 openings for health information technologists and medical registrars are projected each year, on average, over the decade. Many openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire</p> <p><b>h. Please list all courses to be included in the program and total units:</b> If courses are new or need to be revised, please mark as such.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> <ul style="list-style-type: none"> <li>• PHIT 400NC: Health Information Science (33.2 hrs) – <i>New</i></li> </ul> </td> <td style="width: 50%;"> <ul style="list-style-type: none"> <li>• CIS 405NC: Workforce Preparation Database SQL (83 hrs)</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• PHIT 430NC: Introduction to Public Health Informatics and Technology (49.8 hrs) – <i>New</i></li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• CIMA 488NC: Introduction to Database Analytics - Data Reporting Tableau (83.0 hrs)</li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• PHIT 440NC: Public Health Data Reporting Techniques 49.8 hrs) – <i>New</i></li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• CIM 408NC: Introduction to Data Science (83 hrs ) – <i>New</i> OR CIMA 412NC: Managing Projects Using Microsoft Products (83 hrs) – <i>New</i></li> </ul> </td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• PHIT 411NC: Introduction to Health Informatics (49.8 hrs) - <i>New</i></li> </ul> </td> <td></td> </tr> </table>		<ul style="list-style-type: none"> <li>• PHIT 400NC: Health Information Science (33.2 hrs) – <i>New</i></li> </ul>	<ul style="list-style-type: none"> <li>• CIS 405NC: Workforce Preparation Database SQL (83 hrs)</li> </ul>	<ul style="list-style-type: none"> <li>• PHIT 430NC: Introduction to Public Health Informatics and Technology (49.8 hrs) – <i>New</i></li> </ul>	<ul style="list-style-type: none"> <li>• CIMA 488NC: Introduction to Database Analytics - Data Reporting Tableau (83.0 hrs)</li> </ul>	<ul style="list-style-type: none"> <li>• PHIT 440NC: Public Health Data Reporting Techniques 49.8 hrs) – <i>New</i></li> </ul>	<ul style="list-style-type: none"> <li>• CIM 408NC: Introduction to Data Science (83 hrs ) – <i>New</i> OR CIMA 412NC: Managing Projects Using Microsoft Products (83 hrs) – <i>New</i></li> </ul>	<ul style="list-style-type: none"> <li>• PHIT 411NC: Introduction to Health Informatics (49.8 hrs) - <i>New</i></li> </ul>	
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<b>3</b>	<p><b>Document Department/Inter-Departmental discussions with signatures in preparation for Step 4</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">                 Signature/Date, Program Initiator  <i>Safiah Mamoon</i>      08/27/24             </td> <td style="width: 50%;">                 Signature/Date, Dept. Chair  <i>Safiah Mamoon</i>      08/27/24             </td> </tr> <tr> <td>                 Signature/Date, Division Dean  <i>Sherrie Loewen, Ph.D.</i> </td> <td>                 Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a             </td> </tr> </table>		Signature/Date, Program Initiator <i>Safiah Mamoon</i> 08/27/24	Signature/Date, Dept. Chair <i>Safiah Mamoon</i> 08/27/24	Signature/Date, Division Dean <i>Sherrie Loewen, Ph.D.</i>	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a				
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Signature/Date, Division Dean <i>Sherrie Loewen, Ph.D.</i>	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a									
<b>4</b>	<p><b>Articulation Officer: Review date (if applicable)</b></p> <p>Date _____ Initials _____</p>	<p><b>EWD Director: Review date (if applicable)</b></p> <p>Date _____ Initials _____</p>								
<b>5</b>	<p><b>Curriculum Committee: Review date</b></p>									
<b>6</b>	<p><b>Consultation Council: Review date</b></p>	<b>7</b>								
	<p><b>Curriculum Chair posts cleared Notice of Intent on the Curriculum Website New Program Status link</b></p>									

SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT

**NEW COURSE PROPOSAL**

Date: 06/04/2024	Prepared & Submitted by: Tom DeDonno
Department: CIM	Course Prefix & Number 600: CIM 608NC (408 NC)

**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

06/04/2024	Tom DeDonno Print Name	
		Signature, Faculty Requestor
06/04/2024	Tom DeDonno Print Name	
Click to enter date	Click here to enter text. Print Name	Signature, Department Chair
	Click here to enter text. Print Name	Signature, Other related discipline Chair (if relevant)
Click to enter date	Click here to enter text. Print Name	 Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :   )	Short Title: Intro to Data Science
INTRODUCTION TO DATA SCIENCE	
Units: 0 Units – non credit 83 Hours	Lec hrs: 2*16.6=33.2
	Lab hrs: 3*16.6=49.8
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit	
TOP Code: 702.10Click here to enter text.	Non-Credit Category: Short Term Vocational
	Occupational Code (SAM): D Possibly Occupational

1. Anticipated first term of offering:  Fall  Spring Year 2026
  
2. Catalog Description:  
 Foundations of Data Science combines an introductory look into the fundamental skills and concepts of computer programming and inferential statistics with hands-on experience in analyzing datasets by using common tools within the industry. Additionally, the course investigates ethical issues surrounding Data Science, such as data privacy.
  
3. Is this course being aligned to a C-ID descriptor?  Yes  No  N/A  
 C-ID Code: Click here to enter text.  
 If yes, see the Articulation Officer for assistance with C-ID descriptors.



4. A. Will course be cross-listed?  Yes  No  
If yes, which department is responsible for scheduling, updating, and assessing the course?  
Reason for cross-listing: Click here to enter text.

B. If you are mirroring a Non-Credit course with a Credit course- please list Credit course here: CIM 8 Introduction to Data Science.

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

Advisory committee meetings have determine the need for this course. In general data science, data analytics and AI are the current leading edge technologies.

6. Course Requisites:

List all requisites\*:

Prerequisite: none

Co-requisite: none

Limitation on enrollment: none

Recommended Prep: CIS 405NC: Workforce Preparation Database SQL

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: Healthcare Data Analytics Certificate of Completion

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?  
 Yes If yes, identify family: Click here to enter text.  
 No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/ equipment, facilities.  
 Hardware/Software resources already exists.

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:  
 CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation and complete below:

Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	Click Program or Major
Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	Click Program or Major
Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	Click Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Language/Rationality (English Comp, Communication/Analytical Thinking/Critical Thinking, Mathematics)	Arts/Humanities	Social/Behavioral Sciences	Natural Sciences	Life Long Understanding	Ethnic Studies
Local GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cal-GETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


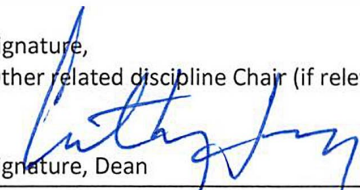
SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT

**NEW COURSE PROPOSAL**

Date: 06/04/2024	Prepared & Submitted by: Tom DeDonno
Department: CIM	Course Prefix & Number 600: CIMA 612NC(412NC)



**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

06/04/2024	Tom DeDonno Print Name	Signature, Faculty Requestor
		
06/04/2024	Tom DeDonno Print Name	Signature, Department Chair
Click to enter date	Click here to enter text. Print Name	Signature, Other related discipline Chair (if relevant)
Click to enter date <i>6/5/24</i>	Click here to enter text. Print Name	Signature, Dean 

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )	Short Title: MS PROJECT
MANAGING PROJECTS WITH MICROSOFT PROJECT	
Units: 0 Units – non credit 83 Hours	Lec hrs: 2*16.6=33.2
	Lab hrs: 3*16.6=49.8
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit	
TOP Code: 702.10Click here to enter text.	Non-Credit Category: Short Term Vocational      Occupational Code (SAM): D Possibly Occupational

1. Anticipated first term of offering:       Fall    Spring      Year 2026

2. Catalog Description:  
 Learn to create a complete Microsoft Project schedule with tasks and task relationships. Edit and organize a project, assign resources to the tasks, and use Project views to get information. Learn to sort, find, and filter tasks or resources in a project; use views, tables, details, groups, and filters to view project information; create and edit views, tables, and filters; shorten the critical path of the project and use task paths; manage the project's resources; manage and view cost information; format and print views, Gantt charts, calendars, and reports; and track the completion of tasks in the project.

3. Is this course being aligned to a C-ID descriptor?  Yes  No  N/A

C-ID Code: [Click here to enter text.](#)

If yes, see the Articulation Officer for assistance with C-ID descriptors.

4. A. Will course be cross-listed?  Yes  No

If yes, which department is responsible for scheduling, updating, and assessing the course?

Reason for cross-listing: [Click here to enter text.](#)

B. If you are mirroring a Non-Credit course with a Credit course- please list Credit course here: CIMA212  
Managing Projects with Microsoft Project.

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

Both HIT (Health Information Technology) and CIM advisory committee meetings felt the need for a non credit course in project management.

6. Course Requisites:

List all requisites\*:

Prerequisite: none [Click here to enter text.](#)

Co-requisite: [Click here to enter text.](#)

Limitation on enrollment: [Click here to enter text.](#)

Recommended Prep: [Click here to enter text.](#)

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: Healthcare Data Analytics

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

11/2023

*\*Provide documentation*

10. Will this course be part of an approved family?  
 Yes If yes, identify family: Click here to enter text.  
 No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/ equipment, facilities.  
 Hardware/Software resources already exists.

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:  
 CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No  
 Please attach documentation and complete below:

Click Course Title at Click Course No. at Click CSU Campus at Click UC Campus Required for Click Program or Major  
 Click Course Title at Click Course No. at Click CSU Campus at Click UC Campus Required for Click Program or Major  
 Click Course Title at Click Course No. at Click CSU Campus at Click UC Campus Required for Click Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Language/Rationality (English Comp, Communication/Analytical Thinking/Critical Thinking, Mathematics)	Arts/Humanities	Social/Behavioral Sciences	Natural Sciences	Life Long Understanding	Ethnic Studies
Local GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cal-GETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

**NEW COURSE PROPOSAL**

Date: 06.24.24	Prepared & Submitted by: Safiah Mamoon
Department: Health Sciences (HLTHSC)	Course Prefix & Number: <b>PHIT 600NC (400NC)</b>

**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

06/24/24	Safiah Mamoon _____ Print Name	<i>Safiah Mamoon</i> _____ Signature, Faculty Requestor
06/24/24	Safiah Mamoon _____ Print Name	<i>Safiah Mamoon</i> _____ Signature, Department Chair
Click here to enter a date.	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
06/24/24	Sherrie Loewen _____ Print Name	<i>Sherrie Loewen, Ph.D.</i> _____ Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )	Short Title: <b>Hlth Info Science</b>
<b>Health Information Science</b>	
Units: N/A	Lec hrs: 2 (33.2 total contact hours)    Lab hrs: 0
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit	
TOP Code: <b>1223.00</b>	Non-Credit Category: <b>Category 1- Short-term Vocational</b> Occupational Code (SAM): <b>C</b>

1. Anticipated first term of offering:             Fall     Spring            Year 2026
  
2. Catalog Description:  
**Introduction to the health information management profession, including health services organization and delivery methods; sources, collection, maintenance, and analysis of health data; structure and use, requirements and standards for health information; information systems. A brief off-campus site visit is required to meet the objectives of this course.**
  
3. Is this course being aligned to a C-ID descriptor?             Yes             No             N/A  
  
     If yes, see the Articulation Officer for assistance with C-ID descriptors.  
     C-ID Code: **N/A**  
     If yes, see the Articulation Officer for assistance with C-ID descriptors.
  
4. Will course be cross-listed?             Yes             No  
     If yes, which department is responsible for scheduling, updating, and assessing the course?  
  
     Reason for cross-listing: **N/A**  
  
     If you are mirroring a Non-Credit course with a Credit course- please list Credit Course here: **HIT 100 Health Information Science**

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

**Course is part of the Healthcare Data Analytics non-credit certificate program.**

6. Course Requisites:

List all requisites\*:

Prerequisite: **None**

Co-requisite: **None**

Limitation on enrollment: **None**

Recommended Prep: **None**

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: **Healthcare Data Analytics non-credit certificate program.**

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/equipment, facilities.

**Faculty: Same as HS/HSC/PHIT/PH. No new equipment, supplies, or facilities.**

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:

CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation. If so, complete the following:

<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

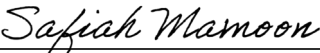
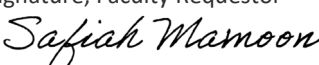
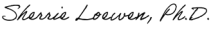
	Natural Science	Social Science	Humanities /Art	Lifelong Learning	Communi-cations	Math/Quantitative	American Institutions	Cultural Diversity
AA/AS/GE Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CSU G.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UC Transfer/GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IGETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

**NEW COURSE PROPOSAL**

Date: 06.24.24	Prepared & Submitted by: <b>Safiah Mamoon</b>
Department: <b>Health Sciences (HLTHSC)</b>	Course Prefix & Number: <b>PHIT 611NC (411NC)</b>

<b>Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.</b>		
06/24/24	Safiah Mamoon _____ Print Name	 _____ Signature, Faculty Requestor
06/24/24	Safiah Mamoon _____ Print Name	 _____ Signature, Department Chair
Click here to enter a date.	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
06/24/24	Sherrie Loewen _____ Print Name	 _____ Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )		Short Title: <b>Intro Hlth Infmatcs</b>
<b>Introduction to Health Informatics</b>		
Units: N/A	Lec hrs: 3 (49.8 total contact hours)	Lab hrs: 0
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit		
TOP Code: <b>1223.00</b>	Non-Credit Category: <b>Category 1- Short-term Vocational</b>	Occupational Code (SAM): <b>C</b>

1. Anticipated first term of offering:  Fall  Spring Year 2026
  
2. Catalog Description:  
**Principles of healthcare informatics and various information technologies used in the management of health information; communication and network technologies; data, information and knowledge concepts; health data collection tools, health information exchanges (HIEs), data and interchange standards, consumer informatics, data integrity and security.**
  
3. Is this course being aligned to a C-ID descriptor?  Yes  No  N/A  
 If yes, see the Articulation Officer for assistance with C-ID descriptors.  
 C-ID Code: **N/A**  
 If yes, see the Articulation Officer for assistance with C-ID descriptors.
  
4. Will course be cross-listed?  Yes  No  
 If yes, which department is responsible for scheduling, updating, and assessing the course?  
 Reason for cross-listing: **N/A**  
 If you are mirroring a Non-Credit course with a Credit course- please list Credit Course here: **HIT 111 Introduction to Health Informatics**

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

**Course is part of the Healthcare Data Analytics non-credit certificate program.**

6. Course Requisites:

List all requisites\*:

Prerequisite: **None**

Co-requisite: **None**

Limitation on enrollment: **None**

Recommended Prep: **None**

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: **Healthcare Data Analytics non-credit certificate program.**

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/equipment, facilities.

**Faculty: Same as HS/HSC/PHIT/PH. No new equipment, supplies, or facilities.**

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:

CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation. If so, complete the following:

<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Natural Science	Social Science	Humanities /Art	Lifelong Learning	Communi-cations	Math/Quantitative	American Institutions	Cultural Diversity
AA/AS/GE Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CSU G.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UC Transfer/GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IGETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

**NEW COURSE PROPOSAL**

Date: 06.24.24	Prepared & Submitted by: <b>Safiah Mamoon</b>
Department: <b>Health Sciences (HLTHSC)</b>	Course Prefix & Number: <b>PHIT 630NC (430NC)</b>

**Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.**

06/24/24	Safiah Mamoon _____ Print Name	 _____ Signature, Faculty Requestor
06/24/24	Safiah Mamoon _____ Print Name	 _____ Signature, Department Chair
Click here to enter a date.	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
06/24/24	Sherrie Loewen _____ Print Name	<i>Sherrie Loewen, Ph.D.</i> _____ Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )		Short Title: <b>Pubhlt Infor Tech</b>
<b>Introduction to Public Health Informatics and Technology</b>		
Units: N/A	Lec hrs: 3 (49.8 contact hours)	Lab hrs: 0
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit		
TOP Code: <b>1223.00</b>	Non-Credit Category: <b>Category 1- Short-term Vocational</b>	Occupational Code (SAM): <b>C</b>

1. Anticipated first term of offering:                     Fall    Spring                    Year 2026
  
2. Catalog Description:  
**This course provides an introduction to public health informatics. Students will gain an understanding of the basic concepts of public health, including the history and structure of public health in the United States. An overview of public health information systems and data will be explored and how they support public health.**
  
3. Is this course being aligned to a C-ID descriptor?                     Yes                     No                     N/A  
  
     If yes, see the Articulation Officer for assistance with C-ID descriptors.  
     C-ID Code: **N/A**  
     If yes, see the Articulation Officer for assistance with C-ID descriptors.
  
4. Will course be cross-listed?                     Yes                     No  
     If yes, which department is responsible for scheduling, updating, and assessing the course?  
  
     Reason for cross-listing: **N/A**  
  
     If you are mirroring a Non-Credit course with a Credit course- please list Credit Course here: **HIT 230 Introduction to Public Health Informatics and Technology**

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

**Course is part of the Healthcare Data Analytics non-credit certificate program.**

6. Course Requisites:

List all requisites\*:

Prerequisite: **None**

Co-requisite: **None**

Limitation on enrollment: **None**

Recommended Prep: **None**

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: **Healthcare Data Analytics non-credit certificate program.**

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/equipment, facilities.

**Faculty: Same as HS/HSC/PHIT/PH. No new equipment, supplies, or facilities.**

12. If degree-applicable, please complete the following information on articulation recommendations. Please contact

the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:  
 CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation. If so, complete the following:

Click \_\_\_\_\_ at Click \_\_\_\_\_ Click \_\_\_\_\_ Required for Click \_\_\_\_\_  
 Course Title Course No. CSU Campus UC Campus Program or Major

Click \_\_\_\_\_ at Click \_\_\_\_\_ Click \_\_\_\_\_ Required for Click \_\_\_\_\_  
 Course Title Course No. CSU Campus UC Campus Program or Major

Click \_\_\_\_\_ at Click \_\_\_\_\_ Click \_\_\_\_\_ Required for Click \_\_\_\_\_  
 Course Title Course No. CSU Campus UC Campus Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Natural Science	Social Science	Humanities /Art	Lifelong Learning	Communi-cations	Math/ Quantitative	American Institutions	Cultural Diversity
AA/AS/GE Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CSU G.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UC Transfer/GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IGETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SADDLEBACK COLLEGE  
 CURRICULUM DEVELOPMENT**

**NEW COURSE PROPOSAL**

Date: 06.24.24	Prepared & Submitted by: <b>Safiah Mamoon</b>
Department: <b>Health Sciences (HLTHSC)</b>	Course Prefix & Number: <b>PHIT 640NC (440NC)</b>

<b>Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.</b>		
06.24.24	Safiah Mamoon _____ Print Name	 _____ Signature, Faculty Requestor
06.24.24	Safiah Mamoon _____ Print Name	 _____ Signature, Department Chair
Click here to enter a date.	Click here to enter text. _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
06/24/24	Sherrie Loewen _____ Print Name	<i>Sherrie Loewen, Ph.D.</i> _____ Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :  )			Short Title: <b>Publth Data Rep Tech</b>
<b>Public Health Data Reporting Techniques</b>			
Units: N/A	Lec hrs: 3 (49.8 contact hours)	Lab hrs: 0	
Credit Status: <input type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input checked="" type="checkbox"/> Non-Credit			
TOP Code: <b>1223.00</b>	Non-Credit Category: <b>Category 1- Short-term Vocational</b>		Occupational Code (SAM): <b>C</b>

1. Anticipated first term of offering:             Fall     Spring            Year 2026

2. Catalog Description:  
**This course focuses on the analysis of public health data for the purpose of generating information resulting in actionable decisions. The primary concepts covered in this course include health care statistics, data analysis, mining, and exploration. Microsoft Excel is utilized to analyze public health data and information related to clinical and business systems in healthcare. This course is designed for public health informatics and information technology majors.**

3. Is this course being aligned to a C-ID descriptor?             Yes             No             N/A

If yes, see the Articulation Officer for assistance with C-ID descriptors.

C-ID Code: **N/A**

If yes, see the Articulation Officer for assistance with C-ID descriptors.

4. Will course be cross-listed?             Yes             No

If yes, which department is responsible for scheduling, updating, and assessing the course?

Reason for cross-listing: **N/A**

If you are mirroring a Non-Credit course with a Credit course- please list Credit Course here: **HIT 240 Public Health Data Reporting Techniques**

5. Justification of recommendation for new course: How was the need for this course identified? How will this course meet student needs in ways that currently approved courses (including those from other departments) do not?

**Course is part of the Healthcare Data Analytics non-credit certificate program.**

6. Course Requisites:

List all requisites\*:

Prerequisite: **None**

Co-requisite: **None**

Limitation on enrollment: **None**

Recommended Prep: **None**

*\*Please attach justification for the recommended requisites. Refer to the [Chancellor's Guidelines for Title 5 §55003](#)*

7. Will this be a standalone course?

Yes Course will **NOT** be included in a degree or certificate program.

No Course **WILL** be included in a degree and/or certificate program.

Which ones: **Healthcare Data Analytics non-credit certificate program.**

*\*Paperwork for the program (new or revised) must be submitted at the same time as the new course is being developed*

8. Proposed Grading System:

Letter Grade Only

Option of a standard letter grade or Pass/No Pass

Pass/No Pass only

Pass/Satisfactory Progress/No Pass (P/SP/NP)

Non-credit

9. Will course be Repeatable?  No  Yes

Additional skills that will be acquired by repeating this course must be included in the course outline.

If yes, how many times?  1  2  3  Unlimited (Non-credit only)

Reason for Repeating:\*

Intercollegiate Athletics

Intercollegiate Competition

Occupational Work Experience/General Work Experience

Additional enrollment required by Transfer Institution (CSU & UC only) to meet lower division requirements for a baccalaureate degree.

*\*Provide documentation*

10. Will this course be part of an approved family?

Yes If yes, identify family: [Click here to enter text.](#)

No

11. What resources will be needed in order to offer this class at Saddleback? e.g. staff, faculty, supplies/equipment, facilities.

**Faculty: Same as HS/HSC/PHIT/PH. No new equipment, supplies, or facilities.**



12. If degree-applicable, please complete the following information on articulation recommendations. Please contact the Articulation Officer for assistance.  N/A

12A. Transfer: Would you recommend that this course transfer to:

CSU  Yes  No UC  Yes  No  
 Private  Yes  No

Will the course satisfy a major requirement at CSU or UC?  Yes  No

Please attach documentation. If so, complete the following:

<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major
<u>Click</u> Course Title	<u>Click</u> Course No.	at	<u>Click</u> CSU Campus	<u>Click</u> UC Campus	Required for	<u>Click</u> Program or Major

12B. General Education: Would you recommend that this course satisfy a GE requirement in any of the following GE patterns? Please consult with the Articulation Officer before completing this section.

	Natural Science	Social Science	Humanities /Art	Lifelong Learning	Communi-cations	Math/ Quantitative	American Institutions	Cultural Diversity
AA/AS/GE Degree	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CSU G.E.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UC Transfer/GE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IGETC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SADDLEBACK COLLEGE  
REVISED COURSES  
ACADEMIC YEAR 2025-2026

School/ Division	Course Id	Catalog Id	Course Title	Action Taken
				assign=assignments
				CA Classification code (J=workforce prep, K=other noncredit enhanced funding, L=not eligible for enhanced funding, Y=credit course)
				cat desc= catalog description
				c/l w/+ cross-listed with (and list the other crs id)
				coreq=corequisite
				crs id=course prefix and/or number
				dc=delete course
				DE=distance education
				dv=delete version of course
				gr opt=grading option
				hrs=hours
				lim=limitation
				lrng obj=learning objectives
				moe=methods of eval
				nc=new course
				nv=new version of existing course
				oe/oe=open entry/open exit
				prereq=prerequisite
				pcs = program course status
				reactv=course reactivation
				rec prep=recommended prep
				rpt=repeatability
				SAM code=occupational code (A=apprenticeship, B=advanced occupational, C=clearly occupational, D=possibly occupational, E=non-occupational)
				sch desc=schedule description
				SLOs=student learning outcomes
				sr=scheduled review is for courses that are scheduled for review and there are no revisions
				ti=title
				TOP code=numerical classification code used to assign programs and courses to disciplines
				tps=topics
				txt=text-required for all courses numbered 1-299
				un=units
				val=validation
AD	CWE 180	<del>429974.00</del> <u>993067.00</u>	CO-OP-ED INT DESIGN	crs id fr <del>CWE 180</del> to <u>ID 180WE</u> , ti fr <del>CO-OP-ED INTERIOR DESIGN</del> to <u>INTERIOR DESIGN WORK EXPERIENCE</u> , cat desc, sch desc, <del>hrs fr 0 hr lec/0 hr lab/3.62 or 4.52 hrs lrng cntr</del> to <u>0 hr lec/0 hr lab/6 hrs lrng cntr</u> , units fr <del>1.0</del> to <u>2.0</u> , txt, rpt fr <del>R-1-1</del> to <u>R-I-4</u>

BI	CWE 180	<del>433360.00</del> <u>993068.00</u>	CO-OP-ED-AUTO	crs id fr <del>CWE 180</del> to <u>AUTO 180</u> <u>WE</u> , ti fr <del>CO-OP-ED-AUTO</del> to <u>AUTOMOTIVE WORK EXPERIENCE</u> , cat desc, sch desc, hrs fr <del>0 hr lec/0 hr lab/3.62 or 4.52 hrs lrng cntr</del> to <u>0 hr lec/0 hr lab/6 hrs lrng cntr</u> , units fr <del>1.0</del> to <u>2.0</u> , txt, rpt fr <del>R-1-3</del> to <u>R-1-4</u>
SH	ARAB 10	405117.00	INTER. CONVER. ARABIC	prereq fr <del>ARAB 2 or four years of high school Arabic</del> to <u>ARAB 2 or three years of high school Arabic</u> , txt, val, DE fr <del>Emergency use only</del> to <u>not Emergency use only</u>

SADDLEBACK COLLEGE  
REVISED COURSES  
ACADEMIC YEAR 2025-2026

School/ Division	Course Id	Catalog Id	Course Title	Action Taken
				assign=assignments
				CA Classification code (J=workforce prep, K=other noncredit enhanced funding, L=not eligible for enhanced funding, Y=credit course)
				cat desc= catalog description
				c/l w/+ cross-listed with (and list the other crs id)
				coreq=corequisite
				crs id=course prefix and/or number
				dc=delete course
				DE=distance education
				dv=delete version of course
				gr opt=grading option
				hrs=hours
				lim=limitation
				lrng obj=learning objectives
				moe=methods of eval
				nc=new course
				nv=new version of existing course
				oe/oe=open entry/open exit
				prereq=prerequisite
				pcs = program course status
				reactv=course reactivation
				rec prep=recommended prep
				rpt=repeatibility
				SAM code=occupational code (A=apprenticeship, B=advanced occupational, C=clearly occupational, D=possibly occupational, E=non-occupational)
				sch desc=schedule description
				SLOs=student learning outcomes
				sr=scheduled review is for courses that are scheduled for review and there are no revisions
				ti=title
				TOP code=numerical classification code used to assign programs and courses to disciplines
				tps=topics
				txt=text-required for all courses numbered 1-299
				un=units
				val=validation
AD	GD 144	<del>90050.10</del> <u>90050.25</u>	TYPOGRAPHY	crs id fr <del>GD 144</del> to <u>GD 44</u> , UC Transferable Course code fr <del>N - No UC credit</del> to <u>Y - UC Credit</u> , cat desc, sch desc

SADDLEBACK COLLEGE  
 REVISED COURSES  
 ACADEMIC YEAR 2025-2026

		<del>429488.00</del>		crs id fr <del>HORT 115</del> to <u>HORT 15</u> , UC
		<u>429489.00</u>		Transferable code fr <del>N - No UC credit</del> to <u>Y -</u>
SM	HORT 115		HISTORY OF LAND. DSGN	<u>UC Credit</u> , cat desc, sch desc, lrng obj, assign, moe, txt, DE
SM	PHYS 2A	698010.00	INTRO TO PHYSICS	sch desc, txt, val, DE
SM	PHYS 4A	698030.00	GENERAL PHYSICS	sch desc, txt, val, DE
SM	PHYS 4B	698040.00	GENERAL PHYSICS	txt, val, DE
SM	PHYS 20	698060.00	IDEAS&EVENTS/PHYSICS	txt, DE

SADDLEBACK COLLEGE  
NEW PROGRAM  
ACADEMIC YEAR 2025-2026

New  
**Administration of Justice**  
**Associate in Science for Transfer**

**The Associate in Science in Administration of Justice for Transfer degree involves the study of the essential functions, roles, principles and systems of the police, the courts and corrections. This course of study will provide foundational skills and knowledge of the criminal justice system, criminal law and ethics and the variety of careers in administrative justice and related fields.**

**Upon completion of the degree, students will have a strong academic foundation in Administrative Justice and satisfy lower division requirements for transfer in preparation for upper division baccalaureate study or entry into the workforce. The Associate in Science in Administration of Justice for Transfer degree provides a strong foundation in skills and knowledge for careers in detention, probation, parole, law enforcement paralegal and the courts. Students who complete this degree receive priority admission to the CSU system, though admission to a specific campus or major is not guaranteed.**

**Program Student Learning Outcomes**

**Students who complete this program will be able to:**

- **Differentiate the roles of the law enforcement, courts and corrections systems of criminal justice.**
- **Recognize the importance of, and practice of, ethical behavior in a professional criminal justice work setting, both within the agency and within the community.**
- **Properly document a criminal investigation, crime analysis report, intelligence report, or other criminal justice documentation.**
- **Demonstrate an understanding of contemporary issues in law enforcement and operational impact by analyzing crime prevention issues relevant to the justice system and public safety using methods acceptable per industry recognized standards for entry-level positions.**
- **Critically consider, analyze, and research special issues in criminology and criminal justice and their effects on society.**

**Associate Degree for Transfer Requirements**

**1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:**

- a. **The California General Education Transfer Curriculum (Cal-GETC).**
- b. **A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.**

SADDLEBACK COLLEGE  
NEW PROGRAM  
ACADEMIC YEAR 2025-2026

**2. Obtainment of a minimum grade point average of 2.0. Students must earn a “C” (or “P” Pass) or better in all courses required for the major or area of emphasis.**

**Required Core:**

**Select either:**

**HS 19 Introduction to Criminal Justice  
System 3**

**or**

**SOC 19 Introduction to Criminal Justice  
System 3**

**Select either:**

**HS 37 Introduction to Criminology 3**

**or**

**SOC 37 Introduction to Criminology 3**

**List A: Complete both**

**HS 128 Community-Based Corrections 3**

**HS 187 Juvenile Violence, Gangs, and  
Victimization 3**

**List B: Select two**

**SOC 1 Introduction to Sociology 3**

**SOC 1H Honors Introduction to Sociology 3**

**BUS 10\* Business Statistics 3**

**or**

**STAT C1000\* Introduction to Statistics 3**

**or**

**STAT C1000H\* Introduction to Statistics 3**

**or**

**PSYC 44\* Statistics for the Behavioral  
Sciences 3**

**PSYC C1000\* Introduction to Psychology 3**

**PSYC C1000H\* Introduction to Psychology 3**

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**Total Units for the Major 18**

**\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.**

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Alternative Fuel Vehicle Specialist**  
**Certificate of Achievement**

The Alternative Fuel Vehicle Specialist Certificate of Achievement provides students with knowledge of all operating systems in the modern hybrid, alternative fueled automobile, full electric vehicles, and hydrogen fuel cell. The emphasis is on the unique characteristics and maintenance issues associated with hybrid, alternative fuel systems, electric vehicles, and alternative forms of propulsion. Students will be qualified to take the related ASE certification exams upon completion of this program. This certificate prepares students for careers such as Automotive Hybrid Technician, Automotive Electric Vehicle Technician, Automotive CNG/LPG Vehicle Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance, and repair of alternative fuel vehicles.
- Apply knowledge in the workplace of the different systems of alternative fuel vehicles.
- Take the related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

**Restricted Electives (3 units)**

AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Certificate 27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

† ~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**  
**Alternative Fuel Vehicle Specialist**  
**Certificate of Achievement**

The Alternative Fuel Vehicle Specialist Certificate of Achievement provides students with knowledge of all operating systems in the modern hybrid, alternative fueled automobile, full electric vehicles, and hydrogen fuel cell. The emphasis is on the unique characteristics and maintenance issues associated with hybrid, alternative fuel systems, electric vehicles, and alternative forms of propulsion. Students will be qualified to take the related ASE certification exams upon completion of this program. This certificate prepares students for careers such as Automotive Hybrid Technician, Automotive Electric Vehicle Technician, Automotive CNG/LPG Vehicle Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance, and repair of alternative fuel vehicles.
- Apply knowledge in the workplace of the different systems of alternative fuel vehicles.
- Take the related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

**Restricted Electives: Complete 3-4 units**

AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
<del>AUTO 180WE†</del>	<del>Automotive Work Experience</del>	<del>2</del>

**Total Units for the Certificate 27-28**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

† ~~AUTO 180WE~~ should be taken after completing at least 9 units in the program.



SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Alternative Fuel Vehicle Specialist**  
**Associate of Science**

The Alternative Fuel Vehicle Specialist Associate of Science degree provides students with knowledge of all operating systems in the modern hybrid, alternative fueled automobile, full electric vehicles, and hydrogen fuel cell. The emphasis is on the unique characteristics and maintenance issues associated with hybrid, alternative fuel systems, electric vehicles, and alternative forms of propulsion. Students will be qualified to take the related ASE certification exams upon completion of this program. This degree prepares students for careers such as Automotive Hybrid Technician, Automotive Electric Vehicle Technician, Automotive CNG/LPG Vehicle Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance, and repair of alternative fuel vehicles.
- Apply knowledge in the workplace of the different systems of alternative fuel vehicles.
- Take the related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

**Restricted Electives (3 units)**

AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Major 27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

† ~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**  
**Alternative Fuel Vehicle Specialist**  
**Associate of Science**

The Alternative Fuel Vehicle Specialist Associate of Science degree provides students with knowledge of all operating systems in the modern hybrid, alternative fueled automobile, full electric vehicles, and hydrogen fuel cell. The emphasis is on the unique characteristics and maintenance issues associated with hybrid, alternative fuel systems, electric vehicles, and alternative forms of propulsion. Students will be qualified to take the related ASE certification exams upon completion of this program. This degree prepares students for careers such as Automotive Hybrid Technician, Automotive Electric Vehicle Technician, Automotive CNG/LPG Vehicle Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance, and repair of alternative fuel vehicles.
- Apply knowledge in the workplace of the different systems of alternative fuel vehicles.
- Take the related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

**Restricted Electives: Complete 3-4 units**

AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
<u>AUTO 180WE†</u>	<u>Automotive Work Experience</u>	<u>2</u>

**Total Units for the Major 27-28**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

† AUTO 180WE should be taken after completing at least 9 units in the program

SADDLEBACK COLLEGE  
REVISED PROGRAMS  
ACADEMIC YEAR 2025-2026

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Automotive Chassis Specialist**  
**Certificate of Achievement**

The Automotive Chassis Specialist Certificate of Achievement prepares students for a career as automotive technicians with drivetrain emphasis. Students completing the certificate will be trained in the maintenance, diagnosis, and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks. This certificate prepares students for careers such as Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, and General Automotive Technician. This program is ideal for the small-business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as a chassis technician.
- Apply industry-specific skills related to drivetrain operation, diagnostics and repair.
- Apply knowledge of all phases of power train system operation, diagnostics and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.
- Seek an entry-level automotive technician career in the maintenance, diagnosis and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

**Restricted Electives: Select one course**

AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Certificate ~~30-34~~**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**  
**Automotive Chassis Specialist**  
**Certificate of Achievement**

The Automotive Chassis Specialist Certificate of Achievement prepares students for a career as automotive technicians with drivetrain emphasis. Students completing the certificate will be trained in the maintenance, diagnosis, and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks. This certificate prepares students for careers such as Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, and General Automotive Technician. This program is ideal for the small-business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as a chassis technician.
- Apply industry-specific skills related to drivetrain operation, diagnostics and repair.
- Apply knowledge of all phases of power train system operation, diagnostics and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.
- Seek an entry-level automotive technician career in the maintenance, diagnosis and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

**Restricted Electives: Select one course**

AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<u>AUTO 180WE†</u>	<u>Automotive Work Experience</u>	<u>2</u>

**Total Units for the Certificate 31-34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†AUTO 180WE should be taken after completing at least 9 units in the program.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Automotive Chassis Specialist**  
**Associate of Science**

The Automotive Chassis Specialist Associate of Science degree prepares students for a career as automotive technicians with drivetrain emphasis. Students completing the degree will be trained in the maintenance, diagnosis, and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks. This degree prepares students for careers such as Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, and General Automotive Technician. This program is ideal for the small-business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as a chassis technician.
- Apply industry-specific skills related to drivetrain operation, diagnostics and repair.
- Apply knowledge of all phases of power train system operation, diagnostics and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.
- Seek an entry-level automotive technician career in the maintenance, diagnosis and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

**Restricted Electives: Select one course**

AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Major 30-34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Revised**  
**Automotive Chassis Specialist**  
**Associate of Science**

The Automotive Chassis Specialist Associate of Science degree prepares students for a career as automotive technicians with drivetrain emphasis. Students completing the degree will be trained in the maintenance, diagnosis, and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks. This degree prepares students for careers such as Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, and General Automotive Technician. This program is ideal for the small-business owner, independent shop, or the dealership career-oriented technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as a chassis technician.
- Apply industry-specific skills related to drivetrain operation, diagnostics and repair.
- Apply knowledge of all phases of power train system operation, diagnostics and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.
- Seek an entry-level automotive technician career in the maintenance, diagnosis and repair of vehicle chassis systems that consist of power train operation, air conditioning, tire service, brake system diagnostics, suspension and steering service on both import and domestic vehicles and light trucks.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 201*	Advanced Automotive Electrical	3
AUTO 207*	Automotive Engineering Fundamentals	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

**Restricted Electives: Select one course**

AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>AUTO 180WE†</del>	<del>Automotive Work Experience</del>	<del>2</del>

**Total Units for the Major 31-34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

SADDLEBACK COLLEGE  
REVISED PROGRAMS  
ACADEMIC YEAR 2025-2026

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

†~~AUTO 180~~~~WE~~ should be taken after completing at least 9 units in the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**

**Automotive Engine Performance Specialist  
 Certificate of Achievement**

The Automotive Engine Performance Specialist Certificate of Achievement prepares students for careers as automotive technicians with an emphasis in engine performance. In this program, students will apply knowledge of all phases of engine electrical systems, computer system operations, diagnostics, and repair. Students will be qualified to take the State of California Bureau of Automotive Repair Smog License exams upon completion of this program. This certificate prepares students for careers such as Automotive Computer Diagnostic Technician, Automotive California Smog Inspection and Repair Technician, Automotive Performance Technician, and General Automotive Technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as an engine performance technician.
- Apply industry specific skills related to engine performance.
- Apply knowledge of all phases of engine electrical system, computer system operation, diagnostics and repair.
- Demonstrate preparation for related National Institute for Automotive Service Excellence (ASE) certification exams. Program graduates will be prepared for the State of California Bureau of Automotive Repair Smog License exams.
- Seek an entry-level career as an automotive technician/light truck technician in the maintenance, diagnosis and repair of vehicle engine performance systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Certificate ~~25.5~~ 27.5**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**

**Automotive Engine Performance Specialist  
 Certificate of Achievement**

The Automotive Engine Performance Specialist Certificate of Achievement prepares students for careers as automotive technicians with an emphasis in engine performance. In this program, students will apply knowledge of all phases of engine electrical systems, computer system operations, diagnostics, and repair. Students will be qualified to take the State of California Bureau of Automotive Repair Smog License exams upon completion of this program. This certificate prepares students for careers such as Automotive Computer Diagnostic Technician, Automotive California Smog Inspection and Repair Technician, Automotive Performance Technician, and General Automotive Technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as an engine performance technician.
- Apply industry specific skills related to engine performance.
- Apply knowledge of all phases of engine electrical system, computer system operation, diagnostics and repair.
- Demonstrate preparation for related National Institute for Automotive Service Excellence (ASE) certification exams. Program graduates will be prepared for the State of California Bureau of Automotive Repair Smog License exams.
- Seek an entry-level career as an automotive technician/light truck technician in the maintenance, diagnosis and repair of vehicle engine performance systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance- Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<u>AUTO 180WE†</u>	<u>Automotive Work Experience</u>	<u>2</u>

**Total Units for the Certificate ~~26.5~~ 27.5**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†AUTO 180WE should be taken after completing at least 9 units in the program.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**

**Automotive Engine Performance Specialist  
 Associate of Science**

The Automotive Engine Performance Specialist Associate of Science degree prepares students for careers as automotive technicians with an emphasis in engine performance. In this program, students will apply knowledge of all phases of engine electrical systems, computer system operations, diagnostics, and repair. Students will be qualified to take the State of California Bureau of Automotive Repair Smog License exams upon completion of this program. This degree prepares students for careers such as Automotive Computer Diagnostic Technician, Automotive California Smog Inspection and Repair Technician, Automotive Performance Technician, and General Automotive Technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as an engine performance technician.
- Apply industry specific skills related to engine performance.
- Apply knowledge of all phases of engine electrical system, computer system operation, diagnostics and repair.
- Demonstrate preparation for related National Institute for Automotive Service Excellence (ASE) certification exams. Program graduates will be prepared for the State of California Bureau of Automotive Repair Smog License exams.
- Seek an entry-level career as an automotive technician/light truck technician in the maintenance, diagnosis and repair of vehicle engine performance systems.

**Required Core:**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Major 25.5-27.5**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**

**Automotive Engine Performance Specialist  
 Associate of Science**

The Automotive Engine Performance Specialist Associate of Science degree prepares students for careers as automotive technicians with an emphasis in engine performance. In this program, students will apply knowledge of all phases of engine electrical systems, computer system operations, diagnostics, and repair. Students will be qualified to take the State of California Bureau of Automotive Repair Smog License exams upon completion of this program. This degree prepares students for careers such as Automotive Computer Diagnostic Technician, Automotive California Smog Inspection and Repair Technician, Automotive Performance Technician, and General Automotive Technician.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry as an engine performance technician.
- Apply industry specific skills related to engine performance.
- Apply knowledge of all phases of engine electrical system, computer system operation, diagnostics and repair.
- Demonstrate preparation for related National Institute for Automotive Service Excellence (ASE) certification exams. Program graduates will be prepared for the State of California Bureau of Automotive Repair Smog License exams.
- Seek an entry-level career as an automotive technician/light truck technician in the maintenance, diagnosis and repair of vehicle engine performance systems.

**Required Core:**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<u>AUTO 180WE†</u>	<u>Automotive Work Experience</u>	<u>2</u>

**Total Units for the Major 26.5-27.5**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†AUTO 180WE should be taken after completing at least 9 units in the program.

SADDLEBACK COLLEGE  
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**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and ICETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.



SADDLEBACK COLLEGE  
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**Current**  
**Automotive Engine Service Specialist**  
**Certificate of Achievement**

The Automotive Engine Service Specialist Certificate of Achievement prepares students for careers as automotive technicians with an emphasis in engine mechanical repair, engine machining processes and mechanical diagnostics. Students completing this certificate will be trained in knowledge of all phases of engine mechanical systems, engine performance system operations, diagnostics, and repair. Students will be qualified to achieve a career in automotive engine repair as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, or General Automotive Technician at a privately-owned repair shop, corporately owned repair shop, or manufacturer dealership. Graduates of the Automotive Engine Service Specialist program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry as an engine service vehicle technician.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance and repair of gasoline powered vehicle engines.
- Apply knowledge in the workplace of the different engine designs along with the operation, service and repair of light duty foreign and domestic engines.
- Take the related Automotive Service Excellence (ASE) certification exams A1 and A8.
- Meet the qualifications for an entry-level career in the maintenance, machining, diagnosis and repair of passenger vehicle and light truck engines. This includes the theory, diagnostics and repair of domestic and foreign engine systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Certificate 22.5-27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**  
**Automotive Engine Service Specialist**  
**Certificate of Achievement**

The Automotive Engine Service Specialist Certificate of Achievement prepares students for careers as automotive technicians with an emphasis in engine mechanical repair, engine machining processes and mechanical diagnostics. Students completing this certificate will be trained in knowledge of all phases of engine mechanical systems, engine performance system operations, diagnostics, and repair. Students will be qualified to achieve a career in automotive engine repair as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, or General Automotive Technician at a privately-owned repair shop, corporately owned repair shop, or manufacturer dealership. Graduates of the Automotive Engine Service Specialist program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry as an engine service vehicle technician.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance and repair of gasoline powered vehicle engines.
- Apply knowledge in the workplace of the different engine designs along with the operation, service and repair of light duty foreign and domestic engines.
- Take the related Automotive Service Excellence (ASE) certification exams A1 and A8.
- Meet the qualifications for an entry-level career in the maintenance, machining, diagnosis and repair of passenger vehicle and light truck engines. This includes the theory, diagnostics and repair of domestic and foreign engine systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>AUTO 180WE†</del>	<del>Automotive Work Experience</del>	<del>2</del>

**Total Units for the Certificate 22.5-27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~AUTO 180WE~~ should be taken after completing at least 9 units in the program.

SADDLEBACK COLLEGE  
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**Current**  
**Automotive Engine Service Specialist**  
**Associate of Science**

The Automotive Engine Service Specialist Associate of Science degree prepares students for careers as automotive technicians with an emphasis in engine mechanical repair, engine machining processes and mechanical diagnostics. In this program, students will apply knowledge of all phases of engine mechanical systems, engine performance system operations, diagnostics, and repair. Students will be qualified to achieve a career in automotive engine repair as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, or General Automotive Technician at a privately-owned repair shop, corporately owned repair shop, or manufacturer dealership. Graduates of the Automotive Engine Service Specialist program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry as an engine service vehicle technician.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance and repair of gasoline powered vehicle engines.
- Apply knowledge in the workplace of the different engine designs along with the operation, service and repair of light duty foreign and domestic engines.
- Take the related Automotive Service Excellence (ASE) certification exams A1 and A8.
- Meet the qualifications for an entry-level career in the maintenance, machining, diagnosis and repair of passenger vehicle and light truck engines. This includes the theory, diagnostics and repair of domestic and foreign engine systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Major 22.5-27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Revised**  
**Automotive Engine Service Specialist**  
**Associate of Science**

The Automotive Engine Service Specialist Associate of Science degree prepares students for careers as automotive technicians with an emphasis in engine mechanical repair, engine machining processes and mechanical diagnostics. In this program, students will apply knowledge of all phases of engine mechanical systems, engine performance system operations, diagnostics, and repair. Students will be qualified to achieve a career in automotive engine repair as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, or General Automotive Technician at a privately-owned repair shop, corporately owned repair shop, or manufacturer dealership. Graduates of the Automotive Engine Service Specialist program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Seek employment in the automotive industry as an engine service vehicle technician.
- Demonstrate current industry-specific skills related to the safety, operation, service, maintenance and repair of gasoline powered vehicle engines.
- Apply knowledge in the workplace of the different engine designs along with the operation, service and repair of light duty foreign and domestic engines.
- Take the related Automotive Service Excellence (ASE) certification exams A1 and A8.
- Meet the qualifications for an entry-level career in the maintenance, machining, diagnosis and repair of passenger vehicle and light truck engines. This includes the theory, diagnostics and repair of domestic and foreign engine systems.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
<del>AUTO 180WE†</del>	<del>Automotive Work Experience</del>	<del>2</del>

**Total Units for the Major 22.5-27**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

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†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and ICETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

†~~AUTO 180~~WE should be taken after completing at least 9 units in the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and ICETC~~ **Cal-GETC** pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
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**Current  
 Computer Graphics  
 Certificate of Achievement**

This Computer Graphics Certificate of Achievement is designed to prepare students for entry-level employment in the computer graphics fields. This program relies heavily on a basic understanding of graphic design and/or computer graphics principles as they relate to industry standards. Some of the careers that are found in the computer graphics field are: animation, motion design, graphic design, multimedia design, digital image design, and responsive media design.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Apply fundamental graphic design and production skills
- Select and use appropriate graphic design and production software
- Demonstrate skills typically found in the computer graphics and production field

**Required Core**

Select one

GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
GD <del>144</del>	Typography	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 150*	Digital Animation	3
GD 151	Digital Layout and Design	3
GD 210	Motion Graphics	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Certificate ~~22~~**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Revised  
 Computer Graphics  
 Certificate of Achievement**

This Computer Graphics Certificate of Achievement is designed to prepare students for entry-level employment in the computer graphics fields. This program relies heavily on a basic understanding of graphic design and/or computer graphics principles as they relate to industry standards. Some of the careers that are found in the computer graphics field are: animation, motion design, graphic design, multimedia design, digital image design, and responsive media design.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Apply fundamental graphic design and production skills
- Select and use appropriate graphic design and production software
- Demonstrate skills typically found in the computer graphics and production field

**Required Core**

Select one

GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
GD <del>44</del>	Typography	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 150*	Digital Animation	3
GD 151	Digital Layout and Design	3
GD 210	Motion Graphics	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>

**Total Units for the Certificate ~~23~~**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
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**Current  
 Computer Graphics  
 Associate of Science**

The Computer Graphics Associate of Science degree is designed to prepare students for entry-level employment in the computer graphics fields. This program relies heavily on a basic understanding of graphic design and/or computer graphics principles as they relate to industry standards. Some of the careers that are found in the computer graphics field are: animation, motion design, graphic design, multimedia design, digital image design, and responsive media design.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Apply fundamental graphic design and production skills
- Select and use appropriate graphic design and production software
- Demonstrate skills typically found in the computer graphics and production field

**Required Core**

Select one

GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
GD <del>144</del>	Typography	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 150*	Digital Animation	3
GD 151	Digital Layout and Design	3
GD 210	Motion Graphics	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Major 22**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the **CSU-GE and IGETC** patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Revised  
 Computer Graphics  
 Associate of Science**

The Computer Graphics Associate of Science degree is designed to prepare students for entry-level employment in the computer graphics fields. This program relies heavily on a basic understanding of graphic design and/or computer graphics principles as they relate to industry standards. Some of the careers that are found in the computer graphics field are: animation, motion design, graphic design, multimedia design, digital image design, and responsive media design.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Apply fundamental graphic design and production skills
- Select and use appropriate graphic design and production software
- Demonstrate skills typically found in the computer graphics and production field

**Required Core**

Select one

GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
GD <del>44</del>	Typography	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 150*	Digital Animation	3
GD 151	Digital Layout and Design	3
GD 210	Motion Graphics	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>

**Total Units for the Major 23**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the **Cal-GETC** pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
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**Current  
 Digital Media  
 Certificate of Achievement**

The curriculum in the Digital Media Certificate of Achievement program provides the range of skills necessary for work in editorial departments of news organizations, magazines, industrial in-house publications, public relations, and emerging businesses in media and related industries. This program provides background and experience needed by persons who may be employed as photographers, video journalists, designers, and others.

The program at Saddleback College seeks to give students an understanding of the media industry and the First Amendment. Students develop their reporting and editing skills for a variety of media platforms, public relations, and new and emerging businesses in media and related industries.

In production courses, students receive hands-on training producing multi-dimensional content for student media publications on a variety of platforms. In skills classes, students learn the fundamentals of producing media content, interviewing, reporting, writing stories, news judgment, visual journalism, and social media and are introduced to media law, ethics, and professional standards. An emphasis is placed on emerging technology.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate a range of skills necessary for work in editorial departments of news organizations, magazines, and industrial in-house publications.
- Demonstrate a range of skills necessary for work in public relations, media and communications organizations, and startups.
- Successfully complete practical experiences needed by persons who may be employed as journalists, editors, photographers, video journalists, designers, and media professionals and related occupations.

**Required Core**

Select one

CTVR 1	Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
JRN 2*	News Writing	3

Select one

JRN 106*	Video Journalism	3
or		
CTVR 106*	Video Journalism	3

Select one

JRN 111*£	News Media Production and Editing	4
or		
JRN 112*£	News Media Production, Blogging and Social Media	4

**Restricted Electives:**

**6 units**

JRN 108*	Intro to Podcasting and Audio Storytelling	3
JRN 111*£	News Media Production and Editing	4
JRN 112*£	News Media Production, Blogging and Social Media	4
JRN 125	Magazine Journalism	3
<del>CWE 180</del>	<del>Co-Op Ed Journalism</del>	<del>1</del>
<del>or</del>		
<del>CWE 180</del>	<del>Co-Op Ed Journalism</del>	<del>2</del>
GD 144	Typography	3

**Revised  
 Digital Media  
 Certificate of Achievement**

The curriculum in the Digital Media Certificate of Achievement program provides the range of skills necessary for work in editorial departments of news organizations, magazines, industrial in-house publications, public relations, and emerging businesses in media and related industries. This program provides background and experience needed by persons who may be employed as photographers, video journalists, designers, and others.

The program at Saddleback College seeks to give students an understanding of the media industry and the First Amendment. Students develop their reporting and editing skills for a variety of media platforms, public relations, and new and emerging businesses in media and related industries.

In production courses, students receive hands-on training producing multi-dimensional content for student media publications on a variety of platforms. In skills classes, students learn the fundamentals of producing media content, interviewing, reporting, writing stories, news judgment, visual journalism, and social media and are introduced to media law, ethics, and professional standards. An emphasis is placed on emerging technology.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate a range of skills necessary for work in editorial departments of news organizations, magazines, and industrial in-house publications.
- Demonstrate a range of skills necessary for work in public relations, media and communications organizations, and startups.
- Successfully complete practical experiences needed by persons who may be employed as journalists, editors, photographers, video journalists, designers, and media professionals and related occupations.

**Required Core**

Select one

CTVR 1	Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
JRN 2*	News Writing	3

Select one

JRN 106*	Video Journalism	3
or		
CTVR 106*	Video Journalism	3

Select one

JRN 111*£	News Media Production and Editing	4
or		
JRN 112*£	News Media Production, Blogging and Social Media	4

**Restricted Electives: Select 2-3 courses 6-8 units**

JRN 108*	Intro to Podcasting and Audio Storytelling	3
JRN 111*£	News Media Production and Editing	4
JRN 112*£	News Media Production, Blogging and Social Media	4
JRN 125	Magazine Journalism	3
<b>JRN 180WE</b>	<b>Journalism Work Experience</b>	<b>2</b>
GD 44	Typography	3

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GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 151	Digital Layout and Design	3
CTVR 101	Video Production Basics	3
CTVR 129*	Documentary Production	3
CTVR 191	Voice-Over and Announcing	3
PHOT 50	Digital Photography I	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
BUS 105	Social Media Marketing	3

**Total Units for the Certificate ~~49~~**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£Course can be taken as either a core requirement or restricted elective; it may not be counted as both.

GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 151	Digital Layout and Design	3
CTVR 101	Video Production Basics	3
CTVR 129*	Documentary Production	3
CTVR 191	Voice-Over and Announcing	3
PHOT 50	Digital Photography I	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
BUS 105	Social Media Marketing	3

**Total Units for the Certificate 19-21**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£Course can be taken as either a core requirement or restricted elective; it may not be counted as both.

SADDLEBACK COLLEGE  
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**Current**  
**General Automotive Technician**  
**Certificate of Achievement**

The General Automotive Technician Certificate of Achievement provides students with knowledge of all operating systems in the modern automobile. A student that completes this certificate will have a broad knowledge base to prepare them for a career in the automotive industry as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician. Graduates of the General Automotive Technician program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1, A3, A4, A5 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry.
- Demonstrate auto industry specific skills.
- Demonstrate skills in automotive diagnosis, maintenance, and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives (0.5-5 units)**

AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

~~CWE 180†~~ ~~Co-Op Ed Auto~~ ~~1~~

**Total Units for the Certificate 34.5-39**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units in the program.

**Revised**  
**General Automotive Technician**  
**Certificate of Achievement**

The General Automotive Technician Certificate of Achievement provides students with knowledge of all operating systems in the modern automobile. A student that completes this certificate will have a broad knowledge base to prepare them for a career in the automotive industry as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician. Graduates of the General Automotive Technician program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1, A3, A4, A5 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry.
- Demonstrate auto industry specific skills.
- Demonstrate skills in automotive diagnosis, maintenance, and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3
AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2

~~AUTO 180WE†~~ ~~Automotive Work Experience~~ ~~2~~

**Total Units for the Certificate 34.5-39**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~AUTO 180WE~~ should be taken after completing at least 9 units in the program.



SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**General Automotive Technician**  
**Associate of Science**

The General Automotive Technician Associate of Science degree provides students with knowledge of all operating systems in the modern automobile. A student that completes this degree will have a broad knowledge base to prepare them for a career in the automotive industry as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician. Graduates of the General Automotive Technician program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1, A3, A4, A5 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry.
- Demonstrate auto industry specific skills.
- Demonstrate skills in automotive diagnosis, maintenance, and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives (0.5-5 units)**

AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

**Revised**  
**General Automotive Technician**  
**Associate of Science**

The General Automotive Technician Associate of Science degree provides students with knowledge of all operating systems in the modern automobile. A student that completes this degree will have a broad knowledge base to prepare them for a career in the automotive industry as an Automotive Engine Mechanical Technician (Heavy Line Technician), Automotive Engine Performance Diagnostics Technician, Automotive Suspension Technician, Automotive Alignment Technician, Automotive Brake Technician, or General Automotive Technician. Ideal for the small business owner, independent shop, or the dealership career-oriented technician. Graduates of the General Automotive Technician program will be qualified to take the related National Institute for Automotive Service Excellence (ASE) certification exams A1, A3, A4, A5 and A8.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate skills for employment in the automotive industry.
- Demonstrate auto industry specific skills.
- Demonstrate skills in automotive diagnosis, maintenance, and repair.
- Demonstrate preparation for related Automotive Service Excellence (ASE) certification exams.

**Required Core**

AUTO 100	Automotive Fundamentals	3
AUTO 101*	Automotive Electrical Systems	3
AUTO 102*	Automotive Engine Performance-Electronics and Ignition	3
AUTO 103*	Automotive Engine Performance-Fuel and Emission Systems	3
AUTO 104A*	Automotive Engines	5
AUTO 104B*	Automotive Engines	5
AUTO 105*	Automotive Power Train	3
AUTO 106A*	Automotive Suspension and Alignment	3
AUTO 106B*	Automotive Brake Systems	3
AUTO 207*	Automotive Engineering Fundamentals	3

**Restricted Electives: Select one course**

AUTO 107*	Automatic Transmission	3
AUTO 108*	Automotive Air Conditioning	3
AUTO 109*	California B.A.R. Basic Area Clean Air Car Course	5
AUTO 200*	Enhanced Area Clean Air Car Course	1
AUTO 201*	Advanced Automotive Electrical	3
AUTO 202*	Advanced Engine Performance Diagnosis	3
AUTO 205*	Advanced Smog Update Training	0.5
AUTO 220*	Alternative Propulsion Systems	3
AUTO 226*	Automotive Service Consultant	2
AUTO 227*	Automotive Service Management	3
AUTO 229*	Diesel Technology	3
AUTO 231*	Hybrid and Electrical Vehicle Technology	3
AUTO 232*	Diesel Systems Technology	3

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2
<del>CWE 180†</del>	<del>Co-Op Ed Auto</del>	<del>1</del>

**Total Units for the Major 34-5-39**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†~~CWE 180~~ should be taken after completing at least 9 units of the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and ICETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

AUTO 235*	Basic Automotive Tire Service (ATS) & TPMS Monitoring	2
<u>AUTO 180WE†</u>	<u>Automotive Work Experience</u>	<u>2</u>

**Total Units for the Major 34-5-39**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

†AUTO 180WE should be taken after completing at least 9 units of the program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Graphic Communications**  
**Certificate of Achievement**

The Graphic Communications Certificate of Achievement program includes traditional and digital printing and applications, linking design and technology. Coursework prepares students for entry-level employment typically found in the graphic communications field, including digital and traditional printing and prepress technician, designer, surface designer, textile and clothing printing including silk screen and sublimation, textile designer, printing press operator, and related print and digital media. The discipline focuses on creation, production, and reproduction, in printed and digital form. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental traditional and digital design, production, and reproduction skills for commercial graphic communication and new media.
- Select and use appropriate production software and hardware technology.
- Demonstrate skills typically found in the commercial traditional and digital print and media industry.

**Required Core**

Select one

GC 63	Introduction to Screen Printing	3
or		
ART 63	Introduction to Screen Printing	3
GC 101	Introduction to Graphic Communication	3
GD 147	Introduction to Computer Graphics	3
GD <del>144</del>	Typography	3
GC 106*	Advanced Screen Printing	3
GD 151	Digital Layout and Design	3
GD 154*	Digital Pre-Press	3
GC 195*	Graphic Studio	3
GD 160*	Professional Practices for Graphic Designers	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>
GC 215	Introduction to Vehicle Wrap Design and Application	1

**Total Units for the Certificate 29**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Revised**  
**Graphic Communications**  
**Certificate of Achievement**

The Graphic Communications Certificate of Achievement program includes traditional and digital printing and applications, linking design and technology. Coursework prepares students for entry-level employment typically found in the graphic communications field, including digital and traditional printing and prepress technician, designer, surface designer, textile and clothing printing including silk screen and sublimation, textile designer, printing press operator, and related print and digital media. The discipline focuses on creation, production, and reproduction, in printed and digital form. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental traditional and digital design, production, and reproduction skills for commercial graphic communication and new media.
- Select and use appropriate production software and hardware technology.
- Demonstrate skills typically found in the commercial traditional and digital print and media industry.

**Required Core**

Select one

GC 63	Introduction to Screen Printing	3
or		
ART 63	Introduction to Screen Printing	3
GC 101	Introduction to Graphic Communication	3
GD 147	Introduction to Computer Graphics	3
GD <del>144</del>	Typography	3
GC 106*	Advanced Screen Printing	3
GD 151	Digital Layout and Design	3
GD 154*	Digital Pre-Press	3
GC 195*	Graphic Studio	3
GD 160*	Professional Practices for Graphic Designers	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>
GC 215	Introduction to Vehicle Wrap Design and Application	1

**Total Units for the Certificate 30**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Graphic Communications**  
**Associate of Science**

The Graphic Communications Associate of Science degree program includes traditional and digital printing and applications, linking design and technology. Coursework prepares students for entry-level employment typically found in the graphic communications field, including digital and traditional printing and prepress technician, designer, surface designer, textile and clothing printing including silk screen and sublimation, textile designer, printing press operator, and related print and digital media. The discipline focuses on creation, production, and reproduction, in printed and digital form. The program also provides coursework for professionals interested in upgrading skills and receiving an associate degree in the field.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental traditional and digital design, production, and reproduction skills for commercial graphic communication and new media.
- Select and use appropriate production software and hardware technology.
- Demonstrate skills typically found in the commercial traditional and digital print and media industry.

**Required Core**

Select one

GC 63	Introduction to Screen Printing	3
or		
ART 63	Introduction to Screen Printing	3
GC 101	Introduction to Graphic Communication	3
GD 147	Introduction to Computer Graphics	3
GD <del>144</del>	Typography	3
GC 106*	Advanced Screen Printing	3
GD 151	Digital Layout and Design	3
GD 154*	Digital Pre-Press	3
GC 195*	Graphic Studio	3
GD 160*	Professional Practices for Graphic Designers	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>
GC 215	Introduction to Vehicle Wrap Design and Application	1

**Total Units for the Major    29**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Revised**  
**Graphic Communications**  
**Associate of Science**

The Graphic Communications Associate of Science degree program includes traditional and digital printing and applications, linking design and technology. Coursework prepares students for entry-level employment typically found in the graphic communications field, including digital and traditional printing and prepress technician, designer, surface designer, textile and clothing printing including silk screen and sublimation, textile designer, printing press operator, and related print and digital media. The discipline focuses on creation, production, and reproduction, in printed and digital form. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental traditional and digital design, production, and reproduction skills for commercial graphic communication and new media.
- Select and use appropriate production software and hardware technology.
- Demonstrate skills typically found in the commercial traditional and digital print and media industry.

**Required Core**

Select one

GC 63	Introduction to Screen Printing	3
or		
ART 63	Introduction to Screen Printing	3
GC 101	Introduction to Graphic Communication	3
GD 147	Introduction to Computer Graphics	3
GD <del>44</del>	Typography	3
GC 106*	Advanced Screen Printing	3
GD 151	Digital Layout and Design	3
GD 154*	Digital Pre-Press	3
GC 195*	Graphic Studio	3
GD 160*	Professional Practices for Graphic Designers	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>
GC 215	Introduction to Vehicle Wrap Design and Application	1

**Total Units for the Major    30**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Graphic Design  
 Certificate of Achievement**

The Certificate of Achievement in Graphic Design program prepares students for entry-level careers typically found in the graphic design field, such as graphic designer, production artist, package designer, or product designer. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field. The study encompasses all phases of the design processes from origination of the idea (design, layout, and typography) through reproduction, finishing and distribution.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental design skills
- Select and use appropriate graphic design software
- Demonstrate skills typically found in the graphic design field

**Required Core**

GD 2	History of Graphic Design	3
Select one		
GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
Select one		
GD 142	Package Design	3
or		
ART 142	Package Design	3
<del>GD 144</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 154*	Digital Pre-Press	3
GD 160*	Professional Practices for Graphic Designers	3
GD 200	Photoshop Skills for Graphic Designers	3
Select one		
GD 240*	Intermediate Graphic Design	3
or		
ART 240*	Intermediate Graphic Design	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Certificate 34**

**Revised  
 Graphic Design  
 Certificate of Achievement**

The Certificate of Achievement in Graphic Design program prepares students for entry-level careers typically found in the graphic design field, such as graphic designer, production artist, package designer, or product designer. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field. The study encompasses all phases of the design processes from origination of the idea (design, layout, and typography) through reproduction, finishing and distribution.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental design skills
- Select and use appropriate graphic design software
- Demonstrate skills typically found in the graphic design field

**Required Core**

GD 2	History of Graphic Design	3
Select one		
GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
Select one		
GD 142	Package Design	3
or		
ART 142	Package Design	3
GD 44	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 154*	Digital Pre-Press	3
GD 160*	Professional Practices for Graphic Designers	3
GD 200	Photoshop Skills for Graphic Designers	3
Select one		
GD 240*	Intermediate Graphic Design	3
or		
ART 240*	Intermediate Graphic Design	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>

**Total Units for the Certificate 35**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Graphic Design  
 Associate of Science**

The Associate of Science in Graphic Design program prepares students for entry-level careers in the graphic design field, such as graphic designer, production artist, package designer, or product designer. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field. The study encompasses all phases of the design processes from origination of the idea (design, layout, and typography) through reproduction, finishing and distribution.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental design skills
- Select and use appropriate graphic design software
- Demonstrate skills typically found in the graphic design field

**Required Core**

GD 2	History of Graphic Design	3
Select one		
GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
Select one		
GD 142	Package Design	3
or		
ART 142	Package Design	3
GD <del>144</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 154*	Digital Pre-Press	3
GD 160*	Professional Practices for Graphic Designers	3
GD 200	Photoshop Skills for Graphic Designers	3
Select one		
GD 240*	Intermediate Graphic Design	3
or		
ART 240*	Intermediate Graphic Design	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Major 34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and ICETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Revised  
 Graphic Design  
 Associate of Science**

The Associate of Science in Graphic Design program prepares students for entry-level careers in the graphic design field, such as graphic designer, production artist, package designer, or product designer. The program also provides coursework for professionals interested in upgrading skills and/or receiving certification in the field. The study encompasses all phases of the design processes from origination of the idea (design, layout, and typography) through reproduction, finishing and distribution.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental design skills
- Select and use appropriate graphic design software
- Demonstrate skills typically found in the graphic design field

**Required Core**

GD 2	History of Graphic Design	3
Select one		
GD 20	Beginning Graphic Design	3
or		
ART 20	Beginning Graphic Design	3
Select one		
GD 142	Package Design	3
or		
ART 142	Package Design	3
GD <del>144</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 154*	Digital Pre-Press	3
GD 160*	Professional Practices for Graphic Designers	3
GD 200	Photoshop Skills for Graphic Designers	3
Select one		
GD 240*	Intermediate Graphic Design	3
or		
ART 240*	Intermediate Graphic Design	3
<del>GD 180</del>	<del>WE Graphics Work Experience</del>	<del>2</del>

**Total Units for the Major 35**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 History  
 Associate of Arts**

The curriculum in the History program is designed to provide the transfer student with an understanding of the diversity of the human experience and the historical processes that have shaped individuals and communities throughout the world. It fosters critical thinking and the opportunity to achieve an Associate of Arts (AA) degree in History by providing the necessary breadth in the field, an introduction to the methods used in the study of history, and the ability to complete both major preparatory coursework along with courses required for general education. While a baccalaureate or higher degree in History or other social science fields is recommended for those considering this major, earning an Associate degree may support entry-level positions in Museum and Historical Organizations, Cultural Resources Centers, or work as Legislative Support Staff Workers.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Understand the diversity of the human experience as influenced by geographical location, race, ethnicity, cultural traditions, gender and class.
- Analyze historical processes that shape individuals and communities, drawing on detailed knowledge about the history of the area under study.
- Think critically about the varieties of experience found in the historical record of the United States, exploring diversity as a critical component of history.
- Distinguish between primary and secondary sources, and understand how each is used to make historical arguments.
- Assess, use, and synthesize different kinds of evidence from a variety of historical sources to make a coherent argument about the past.
- Effectively conduct research and write a coherent historical essay or research paper that articulates a clear argument, effectively interprets multiple forms of evidence, identifies arguments in secondary historical texts, and uses appropriate citations.
- Explain and analyze a key historical event or process in the area and during the period under study.
- Understand the difference between opinions and substantiated scholarly claims.

**Required Core**

HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3
HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	3

**Restricted Electives: Select two courses**

HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
ES 10	Race, Ethnicity, and Resistance in the U.S.	3

**Revised  
 History  
 Associate of Arts**

The curriculum in the History program is designed to provide the transfer student with an understanding of the diversity of the human experience and the historical processes that have shaped individuals and communities throughout the world. It fosters critical thinking and the opportunity to achieve an Associate of Arts (AA) degree in History by providing the necessary breadth in the field, an introduction to the methods used in the study of history, and the ability to complete both major preparatory coursework along with courses required for general education. While a baccalaureate or higher degree in History or other social science fields is recommended for those considering this major, earning an Associate degree may support entry-level positions in Museum and Historical Organizations, Cultural Resources Centers, or work as Legislative Support Staff Workers.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Understand the diversity of the human experience as influenced by geographical location, race, ethnicity, cultural traditions, gender and class.
- Analyze historical processes that shape individuals and communities, drawing on detailed knowledge about the history of the area under study.
- Think critically about the varieties of experience found in the historical record of the United States, exploring diversity as a critical component of history.
- Distinguish between primary and secondary sources, and understand how each is used to make historical arguments.
- Assess, use, and synthesize different kinds of evidence from a variety of historical sources to make a coherent argument about the past.
- Effectively conduct research and write a coherent historical essay or research paper that articulates a clear argument, effectively interprets multiple forms of evidence, identifies arguments in secondary historical texts, and uses appropriate citations.
- Explain and analyze a key historical event or process in the area and during the period under study.
- Understand the difference between opinions and substantiated scholarly claims.

**Required Core**

HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3
HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	3

**Restricted Electives: Select two courses**

HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
ES 10	Race, Ethnicity, and Resistance in the U.S.	3

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
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HIST 11	Perspectives of Peace Studies	3
HIST 12	Revolutions and Revolts	3
HIST 15	The Vietnam War	3
HIST 19	United States Since 1945	3
HIST 21	Women in United States History - A Multicultural Perspective	3
HIST 22	Survey of United States History	3
HIST 27	Latin America - Pre-European to Independent Nationhood	3
HIST 28	Latin America - 1800 to the Present	3
HIST 30	History of Mexico	3
HIST 32	California History	3
HIST 33	Chicanx - Latinx United States History	3
or		
ES 33	Chicanx - Latinx United States History	3
HIST 62	European History to 1650	3
HIST 63	European History Since 1650	3
HIST 70	History of Asia to 1800	3
HIST 71	History of Asia Since 1800	3
HIST 72	History of China	3
HIST 74	History of the Middle East to 1800	3
HIST 75	History of the Modern Middle East	3
HIST 78	History of Japan	3
HIST 80	Introduction to Contemporary Africa	3
or		
PS 80	Introduction to Contemporary Africa	3
HIST 81	African American United States History	3
or		
ES 81	African American United States History	3

**Total Units for the Major 18**

**Associate of Arts Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the **CSU-GE and IGETC** patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

HIST 11	Perspectives of Peace Studies	3
HIST 12	Revolutions and Revolts	3
HIST 15	The Vietnam War	3
HIST 19	United States Since 1945	3
HIST 21	Women in United States History - A Multicultural Perspective	3
HIST 22	Survey of United States History	3
HIST 27	Latin America - Pre-European to Independent Nationhood	3
HIST 28	Latin America - 1800 to the Present	3
HIST 30	History of Mexico	3
HIST 32	California History	3
HIST 33	Chicanx - Latinx United States History	3
or		
ES 33	Chicanx - Latinx United States History	3
HIST 62	European History to 1650	3
HIST 63	European History Since 1650	3
HIST 70	History of Asia to 1800	3
HIST 71	History of Asia Since 1800	3
HIST 72	History of China	3
HIST 74	History of the Middle East to 1800	3
HIST 75	History of the Modern Middle East	3
HIST 78	History of Japan	3
HIST 80	Introduction to Contemporary Africa	3
or		
PS 80	Introduction to Contemporary Africa	3
HIST 81	African American United States History	3
or		
ES 81	African American United States History	3

**HIST 99 Engaging with History and  
 and Historical Methods 4**

**Total Units for the Major 18-19**

**Associate of Arts Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the **Cal-GETC** pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.



SADDLEBACK COLLEGE  
REVISED PROGRAMS  
ACADEMIC YEAR 2025-2026

**Current  
History**

**Associate in Arts for Transfer**

The curriculum in the History program is designed to provide the transfer student the opportunity to achieve an Associate in Arts for Transfer (AA-T) degree in History by providing the necessary breadth in the field, an introduction to the methods used, and the ability to complete both major preparatory coursework along with courses required for general education. Students who complete the Associate in Arts in History for Transfer degree receive priority admission to the California State University system, though admission to a specific campus is not guaranteed. While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Understand the diversity of the human experience as influenced by geographical location, race, ethnicity, cultural traditions, gender and class.
- Analyze historical processes that shape individuals and communities, drawing on detailed knowledge about the history of the area under study.
- Think critically about the varieties of experience found in the historical record of the United States, exploring diversity as a critical component of history.
- Distinguish between primary and secondary sources, and understand how each are used to make historical arguments.
- Assess, use, and synthesize different kinds of evidence from a variety of historical sources to make a coherent argument about the past.
- Understand the difference between opinions and substantiated scholarly claims.
- Effectively conduct research and write a coherent historical essay or research paper that articulates a clear argument, effectively interprets multiple forms of evidence, identifies arguments in secondary historical texts, and uses appropriate citations.

**Associate Degree for Transfer requirements  
(pursuant to SB1440, §66746)**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - a. The ~~Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements (CSU GE Breadth)~~.
  - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0. Students must earn a “C” (or “P” Pass) or better in all courses required for the major or area of emphasis.

**Revised  
History**

**Associate in Arts for Transfer**

The curriculum in the History program is designed to provide the transfer student the opportunity to achieve an Associate in Arts for Transfer (AA-T) degree in History by providing the necessary breadth in the field, an introduction to the methods used, and the ability to complete both major preparatory coursework along with courses required for general education. Students who complete the Associate in Arts in History for Transfer degree receive priority admission to the California State University system, though admission to a specific campus is not guaranteed. While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Understand the diversity of the human experience as influenced by geographical location, race, ethnicity, cultural traditions, gender and class.
- Analyze historical processes that shape individuals and communities, drawing on detailed knowledge about the history of the area under study.
- Think critically about the varieties of experience found in the historical record of the United States, exploring diversity as a critical component of history.
- Distinguish between primary and secondary sources, and understand how each are used to make historical arguments.
- Assess, use, and synthesize different kinds of evidence from a variety of historical sources to make a coherent argument about the past.
- Understand the difference between opinions and substantiated scholarly claims.
- Effectively conduct research and write a coherent historical essay or research paper that articulates a clear argument, effectively interprets multiple forms of evidence, identifies arguments in secondary historical texts, and uses appropriate citations.

**Associate Degree for Transfer Requirements**

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - a. The California General Education Transfer Curriculum (Cal-GETC).
  - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0. Students must earn a “C” (or “P” Pass) or better in all courses required for the major or area of emphasis.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Required Core:**

HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	3

**List A: Complete the following courses**

HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3

**List B: Select one course from each area**

**Area 1: Diversity**

HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
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or

ES 10	Race, Ethnicity, and Resistance in the U.S.	3
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HIST 12	Revolutions and Revolts	3
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HIST 21	Women in United States History - A Multicultural Perspective	3
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HIST 27	Latin America - Pre-European to Independent Nationhood	3
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HIST 28	Latin America - 1800 to the Present	3
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HIST 33	Chicanx - Latinx United States History	3
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or

ES 33	Chicanx - Latinx United States History	3
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HIST 70	History of Asia to 1800	3
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HIST 72	History of China	3
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HIST 74	History of the Middle East to 1800	3
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HIST 80	Introduction to Contemporary Africa	3
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or

PS 80	Introduction to Contemporary Africa	3
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HIST 81	African American United States History	3
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or

ES 81	African American United States History	3
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**Area 2:**

HIST 11	Perspectives of Peace Studies	3
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HIST 15	The Vietnam War	3
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HIST 19	United States Since 1945	3
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HIST 22	Survey of United States History	3
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HIST 30	History of Mexico	3
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HIST 32	California History	3
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HIST 62	European History to 1650	3
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HIST 63	European History Since 1650	3
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HIST 71	History of Asia Since 1800	3
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HIST 75	History of the Modern Middle East	3
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HIST 78	History of Japan	3
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**Total Units for the Major 18**

**Required Core:**

HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	3

**List A: Select two courses**

**Select one**

HIST 4 <del>F</del>	World History to 1500	3
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**or**

<del>HIST 62F</del>	<del>European History to 1650</del>	<del>3</del>
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**Select one**

HIST 5 <del>F</del>	World History Since 1500	3
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**or**

<del>HIST 63F</del>	<del>European History Since 1650</del>	<del>3</del>
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**List B: Select one course from each area**

**Area 1: Diversity**

<del>HIST 4F</del>	<del>World History to 1500</del>	<del>3</del>
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<del>HIST 5F</del>	<del>World History Since 1500</del>	<del>3</del>
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HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
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or

ES 10	Race, Ethnicity, and Resistance in the U.S.	3
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HIST 12	Revolutions and Revolts	3
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HIST 21	Women in United States History - A Multicultural Perspective	3
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HIST 27	Latin America - Pre-European to Independent Nationhood	3
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HIST 28	Latin America - 1800 to the Present	3
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HIST 33	Chicanx - Latinx United States History	3
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or

ES 33	Chicanx - Latinx United States History	3
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HIST 70	History of Asia to 1800	3
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HIST 72	History of China	3
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HIST 74	History of the Middle East to 1800	3
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HIST 80	Introduction to Contemporary Africa	3
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or

PS 80	Introduction to Contemporary Africa	3
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HIST 81	African American United States History	3
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or

ES 81	African American United States History	3
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**Area 2:**

HIST 11	Perspectives of Peace Studies	3
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HIST 15	The Vietnam War	3
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HIST 19	United States Since 1945	3
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HIST 22	Survey of United States History	3
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HIST 30	History of Mexico	3
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HIST 32	California History	3
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<del>HIST 62F</del>	<del>European History to 1650</del>	<del>3</del>
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<del>HIST 63F</del>	<del>European History Since 1650</del>	<del>3</del>
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SADDLEBACK COLLEGE  
REVISED PROGRAMS  
ACADEMIC YEAR 2025-2026

HIST 71	History of Asia Since 1800	3
HIST 75	History of the Modern Middle East	3
HIST 78	History of Japan	3
<b>HIST 99</b>	<b>Engaging with History and Historical Methods</b>	<b>4</b>

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**Total Units for the Major 18-19**

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**£Course can be taken to fulfill either List A or List B requirements; it may not be counted toward both.**

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Illustration/Animation  
 Certificate of Achievement**

The Illustration/Animation Certificate Program prepares students for entry-level animation and illustration employment in areas such as: editorial and product illustration, animation, motion design, multimedia design, digital image design, and responsive media. The program also provides coursework for professionals upgrading skills and focuses on methods for creating, synthesizing, and delivering meaningful and effective visual content to the user/viewer in one or more of these areas.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental illustration and animation skills.
- Select and use appropriate illustration and animation software and hardware.
- Demonstrate skills typically found in the illustration and animation field.

**Required Core**

ART 80	Drawing I	3
Select one		
GD 141	Graphic Rendering Techniques	3
or		
ART 141	Graphic Rendering Techniques	3
GD <del>144</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 1	History of Animation	3
GD 150*	Digital Animation	3
GD 210	Motion Graphics	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Certificate 28**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Revised  
 Illustration/Animation  
 Certificate of Achievement**

The Illustration/Animation Certificate Program prepares students for entry-level animation and illustration employment in areas such as: editorial and product illustration, animation, motion design, multimedia design, digital image design, and responsive media. The program also provides coursework for professionals upgrading skills and focuses on methods for creating, synthesizing, and delivering meaningful and effective visual content to the user/viewer in one or more of these areas.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental illustration and animation skills.
- Select and use appropriate illustration and animation software and hardware.
- Demonstrate skills typically found in the illustration and animation field.

**Required Core**

ART 80	Drawing I	3
Select one		
GD 141	Graphic Rendering Techniques	3
or		
ART 141	Graphic Rendering Techniques	3
GD <u>44</u>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 1	History of Animation	3
GD 150*	Digital Animation	3
GD 210	Motion Graphics	3
<u>GD 180WE</u>	<u>Graphics Work Experience</u>	<u>2</u>

**Total Units for the Certificate 29**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Illustration/Animation  
 Associate of Arts**

The Illustration/Animation Associate of Arts Program prepares students for entry-level animation and illustration employment in areas such as: editorial and product illustration, animation, motion design, multimedia design, digital image design, and responsive media. The program also provides coursework for professionals upgrading skills and focuses on methods for creating, synthesizing, manipulating, and delivering meaningful and effective visual content to the user/viewer in one or more of these areas.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental illustration and animation skills.
- Select and use appropriate illustration and animation software and hardware.
- Demonstrate skills typically found in the illustration and animation field.

**Required Core**

ART 80	Drawing I	3
Select one		
GD 141	Graphic Rendering Techniques	3
or		
ART 141	Graphic Rendering Techniques	3
GD <del>144</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 1	History of Animation	3
GD 150*	Digital Animation	3
GD 210	Motion Graphics	3
<del>CWE 180</del>	<del>Co-Op Ed Graphics</del>	<del>1</del>

**Total Units for the Major 28**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Arts Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Revised  
 Illustration/Animation  
 Associate of Arts**

The Illustration/Animation Associate of Arts Program prepares students for entry-level animation and illustration employment in areas such as: editorial and product illustration, animation, motion design, multimedia design, digital image design, and responsive media. The program also provides coursework for professionals upgrading skills and focuses on methods for creating, synthesizing, manipulating, and delivering meaningful and effective visual content to the user/viewer in one or more of these areas.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Use fundamental illustration and animation skills.
- Select and use appropriate illustration and animation software and hardware.
- Demonstrate skills typically found in the illustration and animation field.

**Required Core**

ART 80	Drawing I	3
Select one		
GD 141	Graphic Rendering Techniques	3
or		
ART 141	Graphic Rendering Techniques	3
GD <del>44</del>	Typography	3
Select one		
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 149	Digital Illustration	3
GD 1	History of Animation	3
GD 150*	Digital Animation	3
GD 210	Motion Graphics	3
<del>GD 180WE</del>	<del>Graphics Work Experience</del>	<del>2</del>

**Total Units for the Major 29**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Arts Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Interior Design  
 Associate of Science**

The Interior Design Associate of Science (**AS**) degree provides students with a comprehensive professionally-focused academic foundation to pursue multiple careers in interior design. Students will receive a strong background in design and color theories, history of interior architecture and furnishings, space planning, lighting, materials and products, building systems and codes, design process, manual and computer-aided design and visual communication. They will acquire technical skills, critical thinking, creative problem solving, and practical applications necessary to obtain various entry-level positions in the interior design field. The Interior Design **AS** degree is part of a stackable sequence of awards and requires completion of the Level II certificate program and Saddleback College general education requirements. This is a high unit major due to industry requirements for employment therefore the combination of the major units and general education required for this degree may take longer than two years to complete. Employment opportunities include design assistants for residential and model home designers, color or lighting consultants, CADD specialists, 3D renderers, e-designers, design journalists, space planners, or interior design positions as part of a larger design team. Students who complete the Interior Design **AS** degree will meet the minimum required units and educational standards established by the California Council for Interior Design Certification (CCIDC) for eligibility to sit for the Interior Design Certification Exam (IDEX), the first step towards pursuing a qualification as a Certified Interior Designer (CID).

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design and color theories, interior design history, products and materials, space planning, lighting, building systems and codes.
- Utilize manual and computer-aided drawing, rendering, visualization, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design solutions for residential and commercial environments.
- Acquire interior design skills and knowledge to pursue the Level III - Interior Design Professional certificate.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
ID 133	Sketching and Rendering for Interior Design	3
ID 115*	CAD for Interior Design	3
ID 118*	Digital Presentation for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>122</del>	History of Interior Architecture and Furnishings I	3
ID <del>125</del>	History of Interior Architecture and Furnishings II	3

**Revised  
 Interior Design  
 Associate of Science**

The Interior Design Associate of Science (**A.S.**) degree provides students with a comprehensive professionally-focused academic foundation to pursue multiple careers in interior design. Students will receive a strong background in design and color theories, history of interior architecture and furnishings, space planning, lighting, materials and products, building systems and codes, design process, manual and computer-aided design and visual communication. They will acquire technical skills, critical thinking, creative problem solving, and practical applications necessary to obtain various entry-level positions in the interior design field. The Interior Design **A.S.** degree is part of a stackable sequence of awards and requires completion of the Level II certificate program and Saddleback College general education requirements. This is a high unit major due to industry requirements for employment therefore the combination of the major units and general education required for this degree may take longer than two years to complete. Employment opportunities include design assistants for residential and model home designers, color or lighting consultants, CADD specialists, 3D renderers, e-designers, design journalists, space planners, or interior design positions as part of a larger design team. Students who complete the Interior Design **A.S.** degree will meet the minimum required units and educational standards established by the California Council for Interior Design Certification (CCIDC) for eligibility to sit for the Interior Design Certification Exam (IDEX), the first step towards pursuing a qualification as a Certified Interior Designer (CID).

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design and color theories, interior design history, products and materials, space planning, lighting, building systems and codes.
- Utilize manual and computer-aided drawing, rendering, visualization, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design solutions for residential and commercial environments.
- Acquire interior design skills and knowledge to pursue the Level III - Interior Design Professional certificate.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
<b>Select one</b>		
ID 133	Sketching and Rendering for Interior Design	3
<b>or</b>		
<b>ID 123* Interior Design Illustration</b>		<b>3</b>
ID 115*	CAD for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <u>22</u>	History of Interior Architecture and Furnishings I	3
ID <u>25</u>	History of Interior Architecture and Furnishings II	3
ID 118*	Digital Presentation for Interior Design	3

SADDLEBACK COLLEGE  
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ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3
ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
<b>Total Units for the Major</b>		<b>44</b>

ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3
ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
<b>Total Units for the Major</b>		<b>44</b>

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~Cal-GETC~~ pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Journalism and New Media**  
**Associate of Science**

**Revised**  
**Journalism and New Media**  
**Associate of Science**

The curriculum in the Journalism and New Media Associate of Science degree provides the range of skills necessary for work in editorial departments of news organizations, magazines, industrial in-house publications, public relations, and emerging businesses in media and related industries. This program provides background and experience needed by persons who may be employed as photographers, video journalists, designers, and others.

The curriculum in the Journalism and New Media Associate of Science degree provides the range of skills necessary for work in editorial departments of news organizations, magazines, industrial in-house publications, public relations, and emerging businesses in media and related industries. This program provides background and experience needed by persons who may be employed as photographers, video journalists, designers, and others.

Journalism and New Media program at Saddleback College seeks to give students an understanding of the media industry and First Amendment. Students develop their reporting and editing skills for a variety of media platforms, public relations, and new and emerging businesses in the media and related industries.

The Journalism and New Media program at Saddleback College seeks to give students an understanding of the media industry and First Amendment. Students develop their reporting and editing skills for a variety of media platforms, public relations, and new and emerging businesses in the media and related industries.

In production courses, students receive hands-on training producing multi-dimensional content for student media publications on a variety of platforms. In skills classes, students learn the fundamentals of producing media content, interviewing, reporting, writing stories, news judgment, visual journalism, and social media and are introduced to media law, ethics, and professional standards. An emphasis is placed on emerging technology.

In production courses, students receive hands-on training producing multi-dimensional content for student media publications on a variety of platforms. In skills classes, students learn the fundamentals of producing media content, interviewing, reporting, writing stories, news judgment, visual journalism, and social media and are introduced to media law, ethics, and professional standards. An emphasis is placed on emerging technology.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate a range of skills necessary for work in editorial departments of news organizations, magazines, and industrial in-house publications.
- Demonstrate a range of skills necessary for work in public relations, media and communications organizations, and startups.
- Successfully complete practical experiences needed by persons who may be employed as journalists, editors, photographers, video journalists, designers, and media professionals and related occupations.

**The goal of the Journalism and New Media Associate of Science degree is to prepare students planning to transfer to four-year universities for majors in media studies, broadcasting, journalism, and communications, with concentrations in areas like public relations, advertising, photo-communications, and journalism. While an associate degree may support attempts to gain entry-level employment or promotion, a baccalaureate or higher degree is recommended for those considering professional careers, which can be achieved through transfer.**

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate a range of skills necessary for work in editorial departments of news organizations, magazines, and industrial in-house publications.
- Demonstrate a range of skills necessary for work in public relations, media and communications organizations, and startups.
- Successfully complete practical experiences needed by persons who may be employed as journalists, editors, photographers, video journalists, designers, and media professionals and related occupations.

**Required Core**

Select one			
CTVR 1	Mass Media and Society		3
or			
JRN 1	Mass Media and Society		3
JRN 2*	News Writing		3
Select one			
JRN 106*	Video Journalism		3
or			
CTVR 106*	Video Journalism		3
Select one			
JRN 111*£	News Media Production and Editing		4
or			
JRN 112*£	News Media Production, Blogging and Social Media		4

**Restricted Electives: Select 3-4 courses (10 units)**

BUS 105	Social Media Marketing		3
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**Required Core**

Select one			
CTVR 1	Mass Media and Society		3
or			
JRN 1	Mass Media and Society		3
JRN 2*	News Writing		3
Select one			
JRN 106*	Video Journalism		3
or			
CTVR 106*	Video Journalism		3
Select one			
JRN 111*£	News Media Production and Editing		4
or			
JRN 112*£	News Media Production, Blogging and Social Media		4

**Restricted Electives: Select 3-4 courses (10-11 units)**

BUS 105	Social Media Marketing		3
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SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

CTVR 101	Video Production Basics	3
CTVR 129*	Documentary Production	3
CTVR 191	Voice-Over and Announcing	3
ENG 160*	Literary Magazine	3
JRN 108*	Intro to Podcasting and Audio Storytelling	3
JRN 111*£	News Media Production and Editing	4
JRN 112*£	News Media Production, Blogging and Social Media	4
JRN 125	Magazine Journalism	3
<del>CWE 180</del>	<del>Co-Op Ed Journalism</del>	<del>1</del>
<del>or</del>		
<del>CWE 180</del>	<del>Co-Op Ed Journalism</del>	<del>2</del>
GD <del>144</del>	Typography	3
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 151	Digital Layout and Design	3
GSS 31	Gender and Popular Culture	3
PHOT 50	Digital Photography I	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
<b>Total Units for the Major</b>		<b>23</b>

CTVR 101	Video Production Basics	3
CTVR 129*	Documentary Production	3
CTVR 191	Voice-Over and Announcing	3
ENG 160*	Literary Magazine	3
JRN 108*	Intro to Podcasting and Audio Storytelling	3
JRN 111*£	News Media Production and Editing	4
JRN 112*£	News Media Production, Blogging and Social Media	4
JRN 125*	Magazine Journalism	3
<del>JRN 180WE</del>	<del>Journalism Work Experience</del>	<del>2</del>
GD <del>44</del>	Typography	3
GD 145	Graphic Illustration	3
or		
ART 145	Graphic Illustration	3
GD 147	Introduction to Computer Graphics	3
GD 151	Digital Layout and Design	3
GSS 31	Gender and Popular Culture	3
PHOT 50	Digital Photography I	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
<b>Total Units for the Major</b>		<b>23-24</b>

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£Course can be taken as either a core requirement or restricted elective; it may not be counted as both.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-CE and ICETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£Course can be taken as either a core requirement or restricted elective; it may not be counted as both.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**

**Level I - Interior Design Foundations  
 Certificate of Achievement**

The Level I - Interior Design Foundations certificate is designed to develop the fundamental skills necessary for entry-level employment in interior design related fields. Level I curriculum focuses on exploring design elements and principles, color theories, history of interior architecture and furnishings, materials and products, developing visual communication skills using freehand and computer-aided drawing and drafting, and acquiring knowledge of the design process. This certificate provides the foundation for going on to advanced certificates and the AS degree in interior design. Entry-level positions include design consultants and sales specialists in design showrooms, furniture and finishes stores, interior decorators, color specialists, manufacturer's representatives, event planners, and home stagers. The program also offers coursework for professional improvement.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of elements and principles of design, color theories, historical styles, and interior products.
- Use freehand and computer-aided drawing, drafting, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design concepts.
- Acquire foundational skills and knowledge of interior design to progress to Level II - Interior Design leading to the Certificate of Achievement and AS degree.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
ID 133	Sketching and Rendering for Interior Design	3
ID 115*	CAD for Interior Design	3
<del>ID 118*</del>	<del>Digital Presentation for Interior Design</del>	<del>3</del>
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>122</del>	History of Interior Architecture and Furnishings I	3

**Total Units for the Certificate 26**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

Associate Degree will be awarded for Level II only.

**Revised**

**Level I - Interior Design Foundations  
 Certificate of Achievement**

The Level I - Interior Design Foundations certificate is designed to develop the fundamental skills necessary for entry-level employment in interior design related fields. Level I curriculum focuses on exploring design elements and principles, color theories, history of interior architecture and furnishings, materials and products, developing visual communication skills using freehand and computer-aided drawing and drafting, and acquiring knowledge of the design process. This certificate provides the foundation for going on to advanced certificates and the AS degree in interior design. Entry-level positions include design consultants and sales specialists in design showrooms, furniture and finishes stores, interior decorators, color specialists, manufacturer's representatives, event planners, and home stagers. The program also offers coursework for professional improvement.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of elements and principles of design, color theories, historical styles, and interior products.
- Use freehand and computer-aided drawing, drafting, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design concepts.
- Acquire foundational skills and knowledge of interior design to progress to Level II - Interior Design leading to the Certificate of Achievement and AS degree.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
<b>Select one</b>		
ID 133	Sketching and Rendering for Interior Design	3
<b>or</b>		
<del>ID 123*</del>	<del>Interior Design Illustration</del>	<del>3</del>
ID 115*	CAD for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>22</del>	History of Interior Architecture and Furnishings I	3
<del>ID 25</del>	<del>History of Interior Architecture and Furnishings II</del>	<del>3</del>

**Total Units for the Certificate 26**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

Associate Degree will be awarded for Level II only.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**  
**Level II - Interior Design**  
**Certificate of Achievement**

The Level II - Interior Design certificate builds upon the Level I coursework to prepare students for employment as entry-level designers. It includes knowledge of design and color theories, interior design history, lighting, space planning, materials and products, building systems, and codes. Students acquire skills in manual and computer-aided design and drafting (CADD), rendering, visualization, and presentation and practice developing interior design solutions for residential and commercial environments. Employment opportunities include design assistants for residential and model home designers, color or lighting consultants, CADD specialists, 3D renderers, e-designers, design journalists, space planners, or interior design positions as part of a larger design team. Students who complete the Level II certificate will meet the minimum educational requirements set by the California Council for Interior Design Certification (CCIDC) for eligibility to sit for the Interior Design Exam (IDEX), the first step towards pursuing a qualification as a Certified Interior Designer (CID). This program prepares students for the Level III - Interior Design Professional certificate and the A.S. degree in Interior Design and also offers coursework for professional improvement.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design and color theories, interior design history, products and materials, space planning, lighting, building systems and codes.
- Utilize manual and computer-aided drawing, rendering, visualization, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design solutions for residential and commercial environments.
- Acquire interior design skills and knowledge to pursue the Level III - Interior Design Professional certificate and the A.S. degree in Interior Design.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
ID 133	Sketching and Rendering for Interior Design	3
ID 115*	CAD for Interior Design	3
ID 118*	Digital Presentation for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>122</del>	History of Interior Architecture and Furnishings I	3
ID <del>125</del>	History of Interior Architecture and Furnishings II	3
ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3

**Revised**  
**Level II - Interior Design**  
**Certificate of Achievement**

The Level II - Interior Design certificate builds upon the Level I coursework to prepare students for employment as entry-level designers. It includes knowledge of design and color theories, interior design history, lighting, space planning, materials and products, building systems, and codes. Students acquire skills in manual and computer-aided design and drafting (CADD), rendering, visualization, and presentation and practice developing interior design solutions for residential and commercial environments. Employment opportunities include design assistants for residential and model home designers, color or lighting consultants, CADD specialists, 3D renderers, e-designers, design journalists, space planners, or interior design positions as part of a larger design team. Students who complete the Level II certificate will meet the minimum educational requirements set by the California Council for Interior Design Certification (CCIDC) for eligibility to sit for the Interior Design Exam (IDEX), the first step towards pursuing a qualification as a Certified Interior Designer (CID). This program prepares students for the Level III - Interior Design Professional certificate and the A.S. degree in Interior Design and also offers coursework for professional improvement.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design and color theories, interior design history, products and materials, space planning, lighting, building systems and codes.
- Utilize manual and computer-aided drawing, rendering, visualization, and presentation techniques for effective visual communication.
- Apply the design process and critical thinking to develop interior design solutions for residential and commercial environments.
- Acquire interior design skills and knowledge to pursue the Level III - Interior Design Professional certificate and the A.S. degree in Interior Design.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
<b>Select one</b>		
ID 133	Sketching and Rendering for Interior Design	3
<b>or</b>		
<b>ID 123*</b>	<b>Interior Design Illustration</b>	<b>3</b>
ID 115*	CAD for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>22</del>	History of Interior Architecture and Furnishings I	3
ID <del>25</del>	History of Interior Architecture and Furnishings II	3
ID 118*	Digital Presentation for Interior Design	3
ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3

SADDLEBACK COLLEGE  
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ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
		<hr/>

**Total Units for the Certificate 44**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.  
Associate Degree will be awarded for Level II only.

ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
		<hr/>

**Total Units for the Certificate 44**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.  
Associate Degree will be awarded for Level II only.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current**

**Level III - Interior Design Professional Certificate of Achievement**

The Level III - Interior Design Professional certificate builds upon the Level II coursework to prepare students for employment as entry level professional Interior Designers. It includes knowledge of interior design theory and history, space planning, products and materials, design process, professional practice, and building systems and codes. Students improve computer-aided design, visualization, and communication skills, prepare portfolios, develop design solutions for specialized interior environments, and gain practical experience via internships within the Interior Design field. Employment opportunities include entry-level professional interior designers, CADD specialists, renderers, or designer positions in larger design teams with architects and builders. Students who complete the Level III certificate will meet the minimum required units and educational standards for eligibility to sit for the National Council for Interior Design Qualification Exam (NCIDQ), the first step towards pursuing a qualification as an NCIDQ Certified Interior Designer, the global standard for interior design professionals. This program also offers coursework for professional development.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design theory and history, space planning, products and materials, design process, professional practice, and building systems and codes.
- Utilize advanced computer-aided design, visualization, and presentation techniques for effective communication.
- Apply acquired interior design knowledge and skills to develop interior design solutions for specialized interior environments.
- Gain practical experience via internships and prepare portfolios for entry level employment as professional interior designers.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
ID 133	Sketching and Rendering for Interior Design	3
ID 115*	CAD for Interior Design	3
ID 118*	Digital Presentation for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>122</del>	History of Interior Architecture and Furnishings I	3
ID <del>125</del>	History of Interior Architecture and Furnishings II	3
ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3

**Revised**

**Level III - Interior Design Professional Certificate of Achievement**

The Level III - Interior Design Professional certificate builds upon the Level II coursework to prepare students for employment as entry level professional Interior Designers. It includes knowledge of interior design theory and history, space planning, products and materials, design process, professional practice, and building systems and codes. Students improve computer-aided design, visualization, and communication skills, prepare portfolios, develop design solutions for specialized interior environments, and gain practical experience via internships within the Interior Design field. Employment opportunities include entry-level professional interior designers, CADD specialists, renderers, or designer positions in larger design teams with architects and builders. Students who complete the Level III certificate will meet the minimum required units and educational standards for eligibility to sit for the National Council for Interior Design Qualification Exam (NCIDQ), the first step towards pursuing a qualification as an NCIDQ Certified Interior Designer, the global standard for interior design professionals. This program also offers coursework for professional development.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate knowledge of design theory and history, space planning, products and materials, design process, professional practice, and building systems and codes.
- Utilize advanced computer-aided design, visualization, and presentation techniques for effective communication.
- Apply acquired interior design knowledge and skills to develop interior design solutions for specialized interior environments.
- Gain practical experience via internships and prepare portfolios for entry level employment as professional interior designers.

**Required Core**

ID 110	Fundamentals of Interior Design	3
ID 112	Drafting for Interiors	2
ID 114	Applied Color and Design Theory for Interior Design	3
<b>Select one</b>		
ID 133	Sketching and Rendering for Interior Design	3
<b>or</b>		
<b>ID 123*</b>	<b>Interior Design Illustration</b>	<b>3</b>
ID 115*	CAD for Interior Design	3
ID 111*	Interior Design Studio I	3
ID 116	Interior Materials and Products	3
ID <del>22</del>	History of Interior Architecture and Furnishings I	3
ID <del>25</del>	History of Interior Architecture and Furnishings II	3
ID 118*	Digital Presentation for Interior Design	3
ID 121*	Space Planning	3
ID 131*	Digital Visualization for Interior Design	3
ID 132*	Interior Building Systems and Codes	3

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ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
ID 128*	Business and Professional Practice for Interior Design	3
ID 129*	Interior Design Portfolio	1
<del>CWE 180*</del>	<del>Co-Op Ed Interior Design</del>	<del>1</del>
Select one		
ID 134*	Advanced CAD for Interior Design	3
or		
ID 136*	Revit for Interior Design	3

ID 126*	Interior Design Studio II	3
ID 127*	Fundamentals of Lighting	3
ID 128*	Business and Professional Practice for Interior Design	3
ID 129*	Interior Design Portfolio	1
<b>ID 180WE*</b>	<b>Interior Design Work Experience</b>	<b>2</b>
Select one		
ID 134*	Advanced CAD for Interior Design	3
or		
ID 136*	Revit for Interior Design	3

**Restricted Specialization Studio Electives: Select one course**

ID 210*	Hospitality Design	3
ID 214*	Bath Design	3
ID 215*	Kitchen Design	3

**Restricted Specialization Studio Electives: Select one course**

ID 210*	Hospitality Design	3
ID 214*	Bath Design	3
ID 215*	Kitchen Design	3

**Restricted Electives (5-6 units)**

ID 123*	Interior Design Illustration	3
ID 134*£	Advanced CAD for Interior Design	3
ID 136*£	Revit for Interior Design	3
ID 210*£	Hospitality Design	3
ID 214*£	Bath Design	3
ID 215*£	Kitchen Design	3
<del>CWE 180*</del>	<del>Co-Op Ed Interior Design</del>	<del>1</del>
<del>ARCH 124A</del>	<del>Architectural Drawing I</del>	<del>4</del>
ARCH 231	LEED and Sustainable Architecture	3
ARCH 261	Orange and San Diego Architecture	1
ARCH 262	Los Angeles Architecture	1
BUS 105	Social Media Marketing	3
FASH 31	Textiles	3
HORT 7	Introduction to Landscape Design	3
HORT 239	Feng Shui and Well Being	2

**Total Units for the Certificate 60-61**

**Restricted Electives: Select 4-5 units**

ID 123*£	Interior Design Illustration	3
<b>ID 133£</b>	<b>Sketching and Rendering for Interior Design</b>	<b>3</b>
ID 134*£	Advanced CAD for Interior Design	3
ID 136*£	Revit for Interior Design	3
ID 210*£	Hospitality Design	3
ID 214*£	Bath Design	3
ID 215*£	Kitchen Design	3
<b>ID 180WE*</b>	<b>Interior Design Work Experience</b>	<b>2</b>
ARCH 231	LEED and Sustainable Architecture	3
ARCH 261	Orange and San Diego Architecture	1
ARCH 262	Los Angeles Architecture	1
BUS 105	Social Media Marketing	3
FASH 31	Textiles	3
<b>GC 208*</b>	<b>Surface Design I</b>	<b>3</b>
HORT 7	Introduction to Landscape Design	3
HORT 239	Feng Shui and Well Being	2

**Total Units for the Certificate 60-61**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£ If course not already used for Required Core or Restricted Specialization Studio Electives units.

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

£ If course not already used for Required Core or Restricted Specialization Studio Electives units.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Music  
 Associate of Arts**

The curriculum in the Associate of Arts degree in Music is designed to provide the student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to this field, earning the Associate degree will demonstrate commitment to the major, and attainment of a degree which can support attempts to gain entry-level employment. However, students wishing to transfer to a 4-year institution may need to take additional classes as preparation for transfer. Transfer students should consult their transfer institutions of choice for further information on specific lower-division Music major requirements.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Transcribe and sight read both diatonic and chromatic music.
- Demonstrate a working knowledge of musical analysis and harmonic theory applicable to their area of specialization.
- Demonstrate a working knowledge of repertoire and performance practice applicable to their area of specialization.
- Perform standard repertoire appropriate to their performance area, as individuals or as members of ensembles.
- Demonstrate a working knowledge of music technology and its application to their area of specialization.
- Create original music in improvised and/or written form.
- Demonstrate the ability to listen critically to musical performance.
- Demonstrate an ability to place composers, works and musical styles within an historical context, both in terms of musical and societal history.

**Required Core**

MUS 10*	Harmony I	3
MUS 11*	Harmony II	3
MUS 12*	Harmony III	3
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
MUS 94*	Musicianship III	1
MUS 54A	Beginning Piano I (or proficiency exam)	0-2
MUS 54B*	Beginning Piano II (or proficiency exam)	0-2
MUS 55A*	Intermediate Piano I (or proficiency exam)	0-2
MUS 55B*	Intermediate Piano II (or proficiency exam)	0-2

**Ensemble Requirement: Complete four semesters from the following (including repeated classes)**

MUS 35*	Contemporary Choir	2
MUS 39*	Commercial Music Ensemble	2
MUS 41*	Symphonic Wind Ensemble	2
MUS 42*	Symphonic Orchestra	2
MUS 47*	Saddleback College Big Band	2
MUS 61*	Intermediate Classical Guitar	1
MUS 62*	Advanced Classical Guitar	2
MUS 64*	Piano Ensemble	1.5
MUS 65*	Piano Accompanying	1.5

**Revised  
 Music  
 Associate of Arts**

The curriculum in the Associate of Arts degree in Music is designed to provide the student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to this field, earning the Associate degree will demonstrate commitment to the major, and attainment of a degree which can support attempts to gain entry-level employment. However, students wishing to transfer to a 4-year institution may need to take additional classes as preparation for transfer. Transfer students should consult their transfer institutions of choice for further information on specific lower-division Music major requirements.

**The program is selective in that funding limitations limit the number of Applied Music students. Students must pass a competitive audition for entrance into MUS 50 - APPLIED MUSIC. All Music majors, regardless of their individual focus, have an ensemble requirement, and must be able to play/sing at a college level to register for an ensemble.**

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Transcribe and sight read both diatonic and chromatic music.
- Demonstrate a working knowledge of musical analysis and harmonic theory applicable to their area of specialization.
- Demonstrate a working knowledge of repertoire and performance practice applicable to their area of specialization.
- Perform standard repertoire appropriate to their performance area, as individuals or as members of ensembles.
- Demonstrate a working knowledge of music technology and its application to their area of specialization.
- Create original music in improvised and/or written form.
- Demonstrate the ability to listen critically to musical performance.
- Demonstrate an ability to place composers, works and musical styles within an historical context, both in terms of musical and societal history.

**Required Core**

MUS 10*	Harmony I	3
MUS 11*	Harmony II	3
MUS 12*	Harmony III	3
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
MUS 94*	Musicianship III	1
MUS 54A	Beginning Piano I (or proficiency exam)	0-2
MUS 54B*	Beginning Piano II (or proficiency exam)	0-2
MUS 55A*	Intermediate Piano I (or proficiency exam)	0-2
MUS 55B*	Intermediate Piano II (or proficiency exam)	0-2

**Ensemble Requirement: Complete four semesters from the following (including repeated classes)**

MUS 35*	Contemporary Choir	2
MUS 39*	Commercial Music Ensemble	2
MUS 41*	Symphonic Wind Ensemble	2
MUS 42*	Symphonic Orchestra	2
MUS 47*	Saddleback College Big Band	2
MUS 61*	Intermediate Classical Guitar	1
MUS 62*	Advanced Classical Guitar	2
MUS 64*	Piano Ensemble	1.5
MUS 65*	Piano Accompanying	1.5

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MUS 140*	Improvised Music in a Jazz Combo	2
MUS 148	Jazz Ensemble	2
MUS 182*	Soul Music Ensemble	2
MUS 184*	Electronic Music Ensemble	2
MUS 187*	Modern Rock and Pop Music Ensemble	2
MUS 197*	Rehearsal and Performance (Jazz Studies)	1

MUS 140*	Improvised Music in a Jazz Combo	2
MUS 148*	Jazz Ensemble	2
MUS 182*	Soul Music Ensemble	2
MUS 184*	Electronic Music Ensemble	2
MUS 187*	Modern Rock and Pop Music Ensemble	2
MUS 197*	Rehearsal and Performance (Jazz Studies)	1

**Restricted Electives (4-6 units)**

MUS 14*	Jazz Composition and Arranging	3
MUS 15*	Music Composition	3
MUS 50 may be taken up to 4 times		
MUS 50*	Applied Music (may be taken up to 4 times)	1
MUS 18*	Advanced Music Composition	3
MUS 117*	Popular Songwriting	3
MUS 118	Digital Multi-Track Music Recording	2.5
MUS 130	Music Production I	2.5
MUS 132	Introduction to Music Technology	2

**Total Units for the Major 20-34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Arts Degree**

Completion of the required courses in the major and a minimum of 60 units including the General Education requirements with an overall GPA of 2.0 qualifies the student for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and IGETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

**Restricted Electives; Select 4-6 units**

MUS 14*	Jazz Composition and Arranging	3
MUS 15*	Music Composition	3
<b>MUS 25*</b>	<b>Music History to Mozart c. 1750</b>	<b>3</b>
<b>MUS 26*</b>	<b>Music History Since Mozart from c. 1750</b>	<b>3</b>
MUS 50 may be taken up to 4 times		
MUS 50*	Applied Music	1
MUS 18*	Advanced Music Composition	3
MUS 117*	Popular Songwriting	3
MUS 118	Digital Multi-Track Music Recording	2.5
MUS 130	Music Production I	2.5
MUS 132	Introduction to Music Technology	2

**Total Units for the Major 20-34**

\*Course has a prerequisite, corequisite, limitation, or recommended preparation; see course description.

**Associate of Arts Degree**

Completion of the required courses in the major and a minimum of 60 units including the General Education requirements with an overall GPA of 2.0 qualifies the student for the Associate of Arts degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the Cal-GETC pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.



SADDLEBACK COLLEGE  
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**Current  
 Sustainable Landscape Design  
 Certificate of Achievement**

Students who complete ~~the Sustainable Landscape Design certificate~~ program will gain fundamental skills in landscape design elements, process and techniques, that are aesthetic, functional, and sustainable, and that contribute to the local ecology. Students will have opportunities to apply their understanding of sustainable horticultural aspects to the development and management of landscape design projects to promote green living environments. Graduates with these skills can gain entry-level employment in jobs such as landscape planning, design, construction, maintenance, and management of environmental systems and landscape design. Students may ~~also elect to take HORT 144 to prepare for the C27 Contractor Licensing Exam.~~

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate fundamental skills in landscape design elements, process and techniques, that are aesthetic, that are functional, and that contribute to the local ecology with sustainability.
- Apply their understanding of sustainable horticultural aspects to the development of landscape design to promote green living environments.
- Demonstrate landscape construction and maintenance skills based on principles of sustainability.
- Use a variety of computer applications relevant to landscape design, construction, maintenance, and sustainable horticulture.

**Required Core**

HORT 7	Introduction to Landscape Design	3
<del>HORT 10</del>	<del>Plant Materials Ornamental</del>	<del>3</del>
HORT 106	Landscape CAD-Fundamentals	3
HORT 109	Introduction to Planting Design	3
<del>HORT 115</del>	History of Landscape Design	3
HORT 116	Irrigation Design Fundamentals	3
HORT 130	Hardscape and Construction Materials Fundamentals	3

**Restricted Electives: Choose one course from each group**

**Group 1: Choose one of the following**

HORT 139	Contemporary Landscape Design Trends	3
HORT 140	Business Aspects in Horticulture and Landscape	3
HORT 142	Introduction to Design Technology	1
HORT 145A	Landscape Design-Native Garden	2
HORT 145B	Landscape Design-Edible Garden	2
HORT 145C	Landscape Design-Wellness Garden	2
HORT 238	Introduction to Wellness Gardening	3

**Group 2: Choose one of the following**

<del>HORT 138</del>	<del>The Sustainable Landscape</del>	<del>3</del>
<del>HORT 144</del>	<del>Licensure for the Landscape Contractor</del>	<del>2</del>
HORT 146	Landscape Design Portfolio Development	1
HORT 239	Feng Shui and Well Being	2
<del>CWE 180†</del>	<del>Co-Op Ed Hort &amp; Landscape</del>	<del>1</del>

**Total Units for the Certificate 23-27**

†~~CWE 180~~ should be taken after completing at least 9 units of the Sustainable Landscape Design program.

**Revised  
 Sustainable Landscape Design  
 Certificate of Achievement**

Students who complete ~~this~~ program will gain fundamental skills in landscape design elements, process and techniques, that are aesthetic, functional, and sustainable, and that contribute to the local ecology. Students will have opportunities to apply their understanding of sustainable horticultural aspects to the development and management of landscape design projects to promote green living environments. Graduates with these skills can gain entry-level employment in jobs such as landscape planning, design, construction, maintenance, and management of environmental systems and landscape design. Students may **pursue the C27 Landscape Contractor Licensure for landscape design-built profession.**

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate fundamental **knowledge and** skills in landscape design elements, process and techniques, that are aesthetic, that are functional, and that contribute to the local ecology with sustainability.
- Apply their understanding of sustainable horticultural aspects to the development of landscape design to promote green living environments.
- Demonstrate landscape construction and maintenance **knowledge and** skills based on principles of sustainability.
- Use a variety of computer applications relevant to landscape design, construction, maintenance, and sustainable horticulture.

**Required Core**

HORT 7	Introduction to Landscape Design	3
HORT 106	Landscape CAD-Fundamentals	3
HORT 109	Introduction to Planting Design	3
HORT <del>15</del>	History of Landscape Design	3
HORT 116	Irrigation Design Fundamentals	3
HORT 130	Hardscape and Construction Materials Fundamentals	3
<del>HORT 138</del>	<del>The Sustainable Landscape</del>	<del>3</del>

**Restricted Electives: Choose one course from each group**

**Group 1: Choose one of the following**

HORT 139	Contemporary Landscape Design Trends	3
HORT 140	Business Aspects in Horticulture and Landscape	3
HORT 142	Introduction to Design Technology	1
HORT 145A	Landscape Design-Native Garden	2
HORT 145B	Landscape Design-Edible Garden	2
HORT 145C	Landscape Design-Wellness Garden	2
HORT 238	Introduction to Wellness Gardening	3

**Group 2: Choose one of the following**

<del>HORT 10</del>	<del>Plant Materials-Ornamental</del>	<del>3</del>
HORT 146	Landscape Design Portfolio Development	1
HORT 239	Feng Shui and Well Being	2
<del>HORT 180WE†</del>	<del>Horticulture and Landscape Design Work Experience</del>	<del>2</del>

**Total Units for the Certificate 23-27**

†~~HORT 180WE~~ should be taken after completing at least 9 units of the Sustainable Landscape Design program.

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

**Current  
 Sustainable Landscape Design  
 Associate of Science**

Students who complete this program will gain fundamental skills in landscape design elements, process and techniques, that are aesthetic, functional, and sustainable, and that contribute to the local ecology. Students will have opportunities to apply their understanding of sustainable horticultural aspects to the development and management of landscape design projects to promote green living environments. Graduates with these skills can gain entry-level employment in jobs such as landscape planning, design, construction, maintenance, and management of environmental systems and landscape design. Students may ~~also elect to take HORT 144 to prepare for the C27 Contractor Licensing Exam.~~

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate fundamental skills in landscape design elements, process and techniques, that are aesthetic, that are functional, and that contribute to the local ecology with sustainability.
- Apply their understanding of sustainable horticultural aspects to the development of landscape design to promote green living environments.
- Demonstrate landscape construction and maintenance skills based on principles of sustainability.
- Use a variety of computer applications relevant to landscape design, construction, maintenance, and sustainable horticulture.

**Required Core**

HORT 7	Introduction to Landscape Design	3
<del>HORT 10</del>	<del>Plant Materials-Ornamental</del>	<del>3</del>
HORT 106	Landscape CAD-Fundamentals	3
HORT 109	Introduction to Planting Design	3
<del>HORT 115</del>	<del>History of Landscape Design</del>	<del>3</del>
HORT 116	Irrigation Design Fundamentals	3
HORT 130	Hardscape and Construction Materials Fundamentals	3

**Restricted Electives: Choose one course from each group**

**Group 1: Choose one of the following**

HORT 139	Contemporary Landscape Design Trends	3
HORT 140	Business Aspects in Horticulture and Landscape	3
HORT 142	Introduction to Design Technology	1
HORT 145A	Landscape Design-Native Garden	2
HORT 145B	Landscape Design-Edible Garden	2
HORT 145C	Landscape Design-Wellness Garden	2
HORT 238	Introduction to Wellness Gardening	3

**Group 2: Choose one of the following**

<del>HORT 138</del>	<del>The Sustainable Landscape</del>	<del>3</del>
<del>HORT 144</del>	<del>Licensure for the Landscape Contractor</del>	<del>2</del>
HORT 146	Landscape Design Portfolio Development	1

**Revised  
 Sustainable Landscape Design  
 Associate of Science**

Students who complete this program will gain fundamental skills in landscape design elements, process and techniques, that are aesthetic, functional, and sustainable, and that contribute to the local ecology. Students will have opportunities to apply their understanding of sustainable horticultural aspects to the development and management of landscape design projects to promote green living environments. Graduates with these skills can gain entry-level employment in jobs such as landscape planning, design, construction, maintenance, and management of environmental systems and landscape design. Students may pursue the C27 Landscape Contractor Licensure for landscape design-built profession.

**Program Student Learning Outcomes**

Students who complete this program will be able to:

- Demonstrate fundamental knowledge and skills in landscape design elements, process and techniques, that are aesthetic, that are functional, and that contribute to the local ecology with sustainability.
- Apply their understanding of sustainable horticultural aspects to the development of landscape design to promote green living environments.
- Demonstrate landscape construction and maintenance knowledge and skills based on principles of sustainability.
- Use a variety of computer applications relevant to landscape design, construction, maintenance, and sustainable horticulture.

**Required Core**

HORT 7	Introduction to Landscape Design	3
HORT 106	Landscape CAD-Fundamentals	3
HORT 109	Introduction to Planting Design	3
HORT <u>15</u>	<u>History of Landscape Design</u>	<u>3</u>
HORT 116	Irrigation Design Fundamentals	3
HORT 130	Hardscape and Construction Materials Fundamentals	3
<u>HORT 138</u>	<u>The Sustainable Landscape</u>	<u>3</u>

**Restricted Electives: Choose one course from each group**

**Group 1: Choose one of the following**

HORT 139	Contemporary Landscape Design Trends	3
HORT 140	Business Aspects in Horticulture and Landscape	3
HORT 142	Introduction to Design Technology	1
HORT 145A	Landscape Design-Native Garden	2
HORT 145B	Landscape Design-Edible Garden	2
HORT 145C	Landscape Design-Wellness Garden	2
HORT 238	Introduction to Wellness Gardening	3

**Group 2: Choose one of the following**

<u>HORT 10</u>	<u>Plant Materials-Ornamental</u>	<u>3</u>
HORT 146	Landscape Design Portfolio Development	1

SADDLEBACK COLLEGE  
 REVISED PROGRAMS  
 ACADEMIC YEAR 2025-2026

HORT 239	Feng Shui and Well Being	2
<del>CWE 180†</del>	<del>Co-Op Ed Hort &amp; Landscape</del>	<del>1</del>

**Total Units for the Major 23-27**

†~~CWE 180~~ should be taken after completing at least 9 units of the Sustainable Landscape Design program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the ~~CSU-GE and GETC~~ patterns in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.

HORT 239	Feng Shui and Well Being	2
<b>HORT 180WE†</b>	<b>Horticulture and Landscape Design</b>	<b>2</b>
	<b>Work Experience</b>	<b>2</b>

**Total Units for the Major 23-27**

†**HORT 180WE** should be taken after completing at least 9 units of the Sustainable Landscape Design program.

**Associate of Science Degree**

Complete a minimum of 60 units including the total number of units described above and the General Education requirements with an overall GPA of 2.0 to qualify for the Associate of Science degree. A minimum of 12 units must be completed at Saddleback College.

**General Education Requirements for Associate Degrees**

Refer to the Graduation Requirements or to the **Cal-GETC** pattern in this catalog for specific courses which meet general education requirements. Refer to ASSIST.org and to the transfer institution's catalog for transfer requirements.