

SADDLEBACK COLLEGE CURRICULUM COMMITTEE

AGENDA

College Mission: Saddleback College empowers and supports its diverse student body by providing equitable, innovative, and student-centered educational experiences. We foster personal growth, academic success, economic opportunity, and social mobility.

Tuesday, November 25, 2025

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

1. **Approval of Minutes – October 28, 2025, p. 3-8**
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. **Spring 2026 Curriculum Calendar – Information Only Item, p. 9**
7. **Proposed Course Revisions for Academic Year 2026-27 (Requisite Revisions Due to AB1111) – Information and Action Item, p. 10-11**
 - A. Prerequisite changes
 - a- ENGR 70 – prereq from ~~PHYS 4B and MATH 3B~~ to PHYS 4B and MATH C2220
 - b- PHYS 4A – prereq from ~~MATH 3A or MATH 3AH~~ to MATH C2210 or MATH C2210H
 - c- PHYS 4B – prereq from ~~PHYS 4A and MATH 3B~~ to PHYS 4A and MATH C2220
 - d- PHYS 4C – prereq from ~~PHYS 4A and MATH 3B~~ to PHYS 4A and MATH C2220
 - B. Remaining course revisions
8. **Proposed Course Revisions (DANC and KNEA - Change to Variable Units) for Academic Year 2026-27 – Action Item, p. 12-14**
9. **Course Code Corrections (BUS and SPS) for Academic Year 2026-27 – Action Item, p. 15-16**
10. **Proposed New Credit Course Justification (CIMS 653/153 – Cybersecurity CompTIA PenTest+) for Academic Year 2026-27 (Spring) – Action Item, p. 17-19**
11. **Proposed New Credit Course Justifications for Academic Year 2027-28 – Action Item, p. 20-28**
 - A. CIMA 605 (5) – Artificial Intelligence Literacy
 - B. CIMA 634 (234) – Foundations of AI UI/UX
 - C. CIMA 635 (235) – Artificial Intelligence Vibe Coding
12. **Proposed New Credit Program Justifications for Academic Year 2027-28 – Action Item, p. 29-31**
 - A. Artificial Intelligence (AI) Foundations Certificate of Achievement
 - B. Applied AI Video Game, Web and Data Certificate of Achievement
 - C. Applied AI Video Game, Web and Data A.S. Degree
13. **Proposed Course Revisions and Deletions for Academic Year 2026-27 – Consent Item, p. 32-33**
14. **Proposed Program Revisions for Academic Year 2026-27 – Consent Item, p. 34-114**
 - A. Biology A.S. degree
 - B. Biomedical Illustration Certificate of Achievement
 - C. Business Communication Skills Certificate of Achievement
 - D. Business Communications Certificate of Achievement
 - E. Cal-GETC Certificate of Achievement
 - F. Computer Science A.S. degree
 - G. Creative Writing A.A. degree
 - H. Dance A.A. degree
 - I. Early Childhood Teacher Certificate of Achievement
 - J. Economics A.A. degree

SADDLEBACK COLLEGE CURRICULUM COMMITTEE

AGENDA (Continued)

- K. Engineering A.S. degree
- L. English Literature A.A. degree
- M. General Studies - Arts & Humanities A.A. degree
- N. General Studies – Interdisciplinary Studies A.A. degree
- O. General Studies - Natural Sciences A.A. degree
- P. General Studies-Social & Behavioral Sciences A.A. degree
- Q. Geography A.A. degree
- R. Health Sciences A.S. degree
- S. History A.A. degree
- T. Human Services Generalist Certificate of Achievement
- U. Human Services Generalist A.S. degree
- V. Liberal Studies A.A. degree
- W. Library Technician Certificate of Achievement
- X. Mathematics A.S. Degree
- Y. Medical Laboratory Technician Certificate of Achievement
- Z. Medical Laboratory Technician A.S. degree
- AA. Music Composition Certificate of Achievement
- BB. Musical Theatre A.A. degree
- CC. Nonprofit Business Administration Certificate of Completion
- DD. Physics A.S. degree
- EE. Public Health Informatics and Technology Certificate of Achievement
- FF. Registered Nurse Certificate of Achievement
- GG. Registered Nurse A.S. degree
- HH. Studio Arts A.A. degree
- II. Surgical Technology A.S. degree

15. Representational Area Reports (if time allows)

16. Announcements

- A. The first Curriculum Committee meeting of the spring semester is on Tuesday, January 13th at 3pm in AGB 106.
- B. The last GE Committee meeting of the semester is today, November 25th at 4pm in AGB 106; the first GE Committee meeting of the spring semester is on Tuesday, January 27th at 4pm in AGB 106.
- C. The deadline to launch new course proposals for implementation in Spring 2027 is December 5th.
- D. The deadline to submit new course and program intents for academic year 2027-28 is January 23, 2026.

17. Public Interest Announcements (if time allows)

18. 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, October 28, 2025

Curriculum Team and Leadership in Attendance

- | | |
|----------------------|-----------------------|
| 1. June Millovich | Curriculum Co-Chair |
| 2. Stephanie Di Alto | Curriculum Specialist |

Curriculum Team and Leadership in Absence

- | | |
|---------------------|----------------------|
| 1. Michelle Duffy | Curriculum Co-Chair |
| 2. Aimee Tran | Articulation Officer |
| 3. Tram Vo-Kumamoto | VPI |

Voting Members in Attendance

- | | |
|-------------------------------|--|
| 1. Jeff Barnett | Science, Technology, Engineering, and Math |
| 2. Jessica Beck | Extended Learning |
| 3. Deborah Chau | Counseling and Special Programs |
| 4. Tom DeDonno | Business and Industry |
| 5. Farida Gabdrakhmanova | Arts, Media, Performance, and Design |
| 6. Annie Gilbert | Extended Learning |
| 7. Carmenmara Hernandez-Bravo | Humanities and Social Sciences |
| 8. Barbara Huggins | Health and Wellness |
| 9. Lori Hoolihan (alt.) | Health and Wellness |
| 10. Susan Miller | Health and Wellness |
| 11. Jennifer Rohles | Kinesiology & Athletics |
| 12. Brooke Sauter | Counseling and Special Programs |
| 13. Carolyn Seaman | Instructional Support and Teaching Innovations |
| 14. Michelle Weckerly | Business and Industry |

Voting Members Absent

- | | |
|--------------------|--|
| 1. Mike Bennett | Kinesiology & Athletics |
| 2. Steve Gonsowski | Arts, Media, Performance, and Design |
| 3. Larry Perez | Science, Technology, Engineering, and Math |
| 4. Spencer Robins | Humanities and Social Sciences |

Administrators in Attendance

- | | |
|-----------------|-------------------|
| 1. Dan Predoehl | Extended Learning |
|-----------------|-------------------|

Guests

- | | |
|-----------------|-----------------------|
| 1. Jane Medling | Business and Industry |
|-----------------|-----------------------|

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College Mission: Saddleback College empowers and supports its diverse student body by providing equitable, innovative, and student-centered educational experiences. We foster personal growth, academic success, economic opportunity, and social mobility.

Tuesday, October 28, 2025

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

1. **Approval of Minutes – October 14, 2025, p. 3-10**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Tom DeDonno**
 - **Motion passed**
2. **Approval of Agenda**
 - **First: Carolyn Seaman**
 - **Second: Carmenmara Hernandez-Bravo**
 - **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**
 - **June shared that the November 25th meeting is the last meeting of the semester and encouraged Members who are unable to attend to please request that an alternate attend in their place as it is important that we achieve quorum.**
5. **Curriculum Committee Training – Information Item**
 - **None**
6. **Proposed Course Revisions (DANC and KNEA - Change to Variable Units) for Academic Year 2026-27 – Information Item, p. 11-13**
 - **Dance and Adapted Kinesiology courses that currently have more than one version (1 unit, 1.5 units) are being revised to a single variable hour/unit version since Banner can accommodate this.**
7. **Course Code Corrections (BUS and SPS) for Academic Year 2026-27 – Information Item, p. 14-15**
 - **Six courses necessitate code corrections.**
 - **It was recently discovered that BUS 421NC, 422NC, and 423NC are improperly coded as Workforce Preparation rather than Short-Term Vocational.**
 - **It was recently discovered that SPS 710NC, 715NC, and 716NC are improperly coded as Not Basic Skills and should be coded as Basic Skills as they were when they were previously offered as credit courses; additionally, SPS 716NC is incorrectly coded as Not a Special Class but should be coded as an Approved Special Class for Students with Disabilities.**
8. **Proposed New Credit Course Justification (CIMS 653/153 – Cybersecurity CompTIA PenTest+) for Academic Year 2026-27 (Spring) – Information Item, p. 16-18**
 - **CIMS 653 (153) is being aligned to C-ID descriptor ITIS 164 and will be included in the Cybersecurity/Information Security Analyst Certificate of Achievement. Tom DeDonno briefly addressed the Committee regarding the need for this course.**
9. **Proposed New Credit Course Justifications for Academic Year 2027-28 – Information Item, p. 19-27**
 - A. CIMA 605 (5) – Artificial Intelligence Literacy
 - B. CIMA 634 (234) – Foundations of AI UI/UX
 - C. CIMA 635 (235) – Artificial Intelligence Vibe Coding
 - **CIMA 605 (5) will be submitted for UCTCA. CIMA 605 (5), 634 (234), and 635 (235) will be included in three new programs – the Artificial Intelligence (AI) Foundations Certificate of Achievement and the Applied AI Video Game, Web and Data Certificate of Achievement and A.S. degree (Agenda Item 10). Tom briefly summarized the purpose of these courses.**

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10. **Proposed New Credit Program Justifications for Academic Year 2027-28 – Information Item, p. 28-30**
 - A. Artificial Intelligence (AI) Foundations Certificate of Achievement
 - **This 9 unit certificate offers foundational AI, advanced AI or vibe coding, and practical development skills.**
 - B. Applied AI Video Game, Web and Data Certificate of Achievement
 - C. Applied AI Video Game, Web and Data A.S. Degree
 - **The Applied AI Video Game, Web and Data Certificate of Achievement and A.S. degree will provide students with cutting-edge skills in video game design, web development, data management/analytics, and artificial intelligence to prepare them for careers in gaming, web development, data science, and AI.**
11. **Proposed New Credit Course Justifications for Academic Year 2026-27 (Spring) – Action Item, p. 31-50**
 - A. ACCT 609 (209) – Accounting Applications: Quickbooks
 - **ACCT 609 (209) will be included in the Computerized Accounting Specialist Certificate and A.S. degree. Jane Medling and Chris Condon, the Accounting department co-chairs, were present to address any questions or concerns.**
 - **First: Michelle Weckerly**
 - **Second: Tom DeDonno**
 - **Motion passed**
 - B. MUS 680 (280) – Introduction to Community Music Teaching
 - **MUS 680 (280) will be included in the new Community Music Teaching Certificate of Achievement (Agenda Item 12).**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Tom DeDonno**
 - **Motion passed**
 - C. MUS 681 (281) – Private Studio Pedagogy & Business Practices
 - **MUS 681 (281) will be included in the new Community Music Teaching Certificate of Achievement (Agenda Item 12).**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Michelle Weckerly**
 - **Motion passed**
 - D. MUS 682 (282) – Group Music Instruction Methods
 - **MUS 682 (282) will be included in the new Community Music Teaching Certificate of Achievement (Agenda Item 12).**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Farida Gabdrakhmanova**
 - **Motion passed**
 - E. NUTR 606 (106) – Cultural Aspects of Food and Nutrition
 - **NUTR 606 (106) will be included in the Nutrition Certificate of Achievement and A.S. degree. Lori Hoolihan, the Nutrition department chair, was present to address any questions or concerns.**
 - **First: Farida Gabdrakhmanova**
 - **Second: Carmenmara Hernandez-Bravo**
 - **Motion passed**
 - F. NUTR 608 (208) – Motivational Interviewing: An Essential Skill for Nutrition Professionals
 - **NUTR 608 (208) will be included in the Nutrition Certificate of Achievement and A.S. degree.**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Tom DeDonno**
 - **Motion passed**
12. **Proposed New Credit Program Justification (Community Music Teaching Certificate of Achievement) for Academic Year 2026-27 (Spring) – Action Item, p. 51-53**
 - **This program will consist of three new courses (Agenda Item 11) as well as some existing courses. It will prepare students to teach or lead music classes.**

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College Mission: Saddleback College empowers and supports its diverse student body by providing equitable, innovative, and student-centered educational experiences. We foster personal growth, academic success, economic opportunity, and social mobility.

- **First: Farida Gabdrakhmanova**
- **Second: Jennifer Rohles**
- **Motion passed**

13. Proposed New Noncredit Course Justifications for Academic Year 2026-27 (Spring) – Action Item, p. 54-59

- **These two new courses are designed for students with disabilities; they will not be included in any programs.**
- A. AEWD 690NC (790NC) – Cooperative Leadership Skills
 - **First: Brooke Sauter**
 - **Second: Carmenmara Hernandez-Bravo**
 - **Motion passed**
- B. AEWD 691NC (791NC) – Social Competence and Community Engagement
 - **First: Brooke Sauter**
 - **Second: Tom DeDonno**
 - **Motion passed**

14. Proposed New Credit Course Justifications for Academic Year 2027-28 – Action Item, p. 60-74

- A. COUN 620 (20) – Diverse Perspectives in Counseling
 - **COUN 620 (20) will be submitted for UCTCA and included in the General Studies - Interdisciplinary Studies A.A. degree.**
 - **First: Carolyn Seaman**
 - **Second: Carmenmara Hernandez-Bravo**
 - **Motion passed**
- B. CTVR 641 (41) – New Media and TV Writing
 - **CTVR 641 (41) will be submitted for UCTCA and included in the Cinema, Television, Radio Certificate of Achievement and A.S. degree and the Cinema, Television, Radio Career Skills Certificate of Achievement.**
 - **First: Farida Gabdrakhmanova**
 - **Second: Carmenmara Hernandez-Bravo**
 - **Motion passed**
- C. CTVR 663 (263) – Videography for Business
 - **CTVR 663 (263) will be included in the Cinema, Television, Radio Certificate of Achievement and A.S. degree and the Cinema, Television, Radio Career Skills Certificate of Achievement.**
 - **First: Farida Gabdrakhmanova**
 - **Second: Carmenmara Hernandez-Bravo**
 - **Motion passed**
- D. ENGR 680 (80) – Engineering Dynamics
 - **ENGR 680 (80) will be submitted for UCTCA and included in the Engineering A.S. degree.**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Michelle Weckerly**
 - **Motion passed**
- E. JRN 626 (126) – Multimedia Storytelling
 - **JRN 626 (126) will be included in the Journalism AA-T, the Digital Media Certificate of Achievement, and the Journalism and New Media A.S. degree.**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Farida Gabdrakhmanova**
 - **Motion passed**

15. Proposed New Noncredit Courses (EART, ECIM, EHSC) for Academic Year 2026-27 – Action Item, p. 75-76

- **The Emeritus Institute is proposing four new EART courses, one new ECIM course, and one new EHSC course; these courses will be variable hours.**
- A. New recommended preparation
 - a. EART 555 will have a recommended preparation of EART 554

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- b. EART 556 will have a recommended preparation of EART 554 and EART 555
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Jessica Beck**
 - **Motion passed**
- B. Approval of new noncredit courses
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Michelle Weckerly**
 - **Motion passed**
- 16. **Proposed New Credit Programs for Academic Year 2026-27 – Action Item, p. 77-82**
 - **Three new Games and Interactive Media programs will prepare students for entry-level careers in the game design and interactive media entertainment industries.**
 - A. Games and Interactive Media A.S. Degree
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Farida Gabdrakhmanova**
 - **Motion passed**
 - B. Games and Interactive Media - Animation Certificate of Achievement
 - **First: Jennifer Rohles**
 - **Second: Farida Gabdrakhmanova**
 - **Motion passed**
 - C. Games and Interactive Media - Design Certificate of Achievement
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Farida Gabdrakhmanova**
 - **Motion passed**
 - D. Kitchen and Bath Design Certificate of Achievement
 - **The new Kitchen and Bath Design program will prepare students for careers in residential kitchen and bath design.**
 - **First: Brooke Sauter**
 - **Second: Carolyn Seaman**
 - **Motion passed**
- 17. **Proposed Course Revisions (EBIO 501, EECL 501, EHST 504, JRN 2, JRN 125) for Academic Year 2026-27 – Action Item, p. 83-84**
 - **This item includes courses with substantial changes. JRN 2 and JRN 125 have SAM Code changes and the units for JRN 125 are increasing from 3.0 to 4.0. EBIO 501, EECL 501, and EHST 504 are changing to variable hours.**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Michelle Weckerly**
 - **Motion passed**
- 18. **Proposed Course Revisions and Deletions for Academic Year 2026-27 – Consent Item, p. 85-87**
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Jennifer Rohles**
 - **Motion passed**
- 19. **Proposed Program Revisions for Academic Year 2026-27 – Consent Item, p. 88-91**
 - A. Digital Media Certificate of Achievement
 - B. Journalism and New Media A.S. Degree
 - **First: Carmenmara Hernandez-Bravo**
 - **Second: Tom DeDonno**
 - **Motion passed**
- 20. **Representational Area Reports (if time allows)**
 - **Dan Predoehl shared copies of the printed Emeritus Institute Spring 2026 schedule with Members.**

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College Mission: Saddleback College empowers and supports its diverse student body by providing equitable, innovative, and student-centered educational experiences. We foster personal growth, academic success, economic opportunity, and social mobility.

21. Announcements

- A. The last Curriculum Committee meeting of the semester is on Tuesday, November 25th at 3pm in AGB 106. ***If you are unable to attend please ask an approved alternate to attend in your place as it is very important that we achieve quorum.***
- B. The last GE Committee meeting of the semester is on Tuesday, November 25th at 4pm in AGB 106.
- C. The deadline to launch new course proposals for implementation in Spring 2027 is December 5th.
- D. The deadline to submit new course and program intents for academic year 2027-28 is January 23, 2026.

22. Public Interest Announcements (if time allows)

- **Members announced upcoming campus events.**

23. Adjourn

- **The meeting adjourned at 3:36pm**

COMPLIANCE WITH BROWN ACT

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Spring 2026 Curriculum Calendar

January 2026

Mon	Tues	Wed	Thurs	Fri
			1*	2
5	6	7	8	9
12	13	14	15	16
19*	20	21	22	23
26	27	28	29	30

January 6 – January 9: Professional Development

January 13: Curriculum Committee 3:00-4:00pm

January 23: Deadline to submit new course and program intents for 2027-2028

January 27: Curriculum Committee 3:00-4:00pm & GE Committee 4:00-5:00pm

February 2026

Mon	Tues	Wed	Thurs	Fri
2	3	4	5	6
9	10	11	12	13*
16*	17	18	19	20
23	24	25	26	27

February 10: Curriculum Committee 3:00-4:00pm

February 24: Curriculum Committee 3:00-4:00pm & GE Committee 4:00-5:00pm

March 2026

Mon	Tues	Wed	Thurs	Fri
2	3	4	5	6
9	10	11	12	13
16	17	18	19	20*
23	24	25	26	27
30	31*			

March 2: The scheduled review list for the 2025-2026 cycle will be released.

March 10: Curriculum Committee 3:00-4:00pm

March 24: Curriculum Committee 3:00-4:00pm & GE Committee 4:00-5:00pm

April 2026

Mon	Tues	Wed	Thurs	Fri
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	

April 14: Curriculum Committee 3:00-4:00pm

April 28: Curriculum Committee 3:00-4:00pm & GE Committee 4:00-5:00pm

April 30: Launch deadline for courses (scheduled review, unscheduled review, new) and deadline for submission of paperwork for new and/or revised programs

May 2026

Mon	Tues	Wed	Thurs	Fri
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22

Key

	Professional Development
	Curriculum Committee Meeting
	Curriculum & GE Committee Meetings
	Academic Senate Meeting
	Board Item Due to President's Office
*	Holiday

Important Spring 2026 Deadlines:

- January 23 - Deadline to submit new course and program intents for 2027-2028
- April 30 – Deadline for completion of:
 - Scheduled review for courses
 - Unscheduled review (for courses that meet criteria)
 - New courses
 - New programs
 - Revised programs

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
SM	ENGR 70	992958.00	INTRO NETWORK ANALYSIS	prereq fr PHYS 4B and MATH 3B to <u>PHYS 4B and MATH C2220</u> , val
SM	PHYS 4A	698030.00	GENERAL PHYSICS	prereq fr MATH 3A or MATH 3AH to <u>MATH C2210 or MATH C2210H</u> , val

SM	PHYS 4B	698040.00	GENERAL PHYSICS	prereq fr PHYS 4A and MATH 3B to <u>PHYS 4A</u> <u>and MATH C2220</u> , val
SM	PHYS 4C	698050.00	GENERAL PHYSICS	prereq fr PHYS 4A and MATH 3B to <u>PHYS 4A</u> <u>and MATH C2220</u> , val

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	DANC 10	680060.00 <u>680060.25</u>	DANCE PRODUCTION	hrs fr 0 lec/6.0 lab/0 lrng cntr to <u>0 lec/3.0-6.0 lab/0 lrng cntr</u> , units fr 2.0 to <u>1.0-2.0</u> , txt
AD	DANC 11	680070.00 <u>680070.25</u>	DANCE REH AND PERF	hrs fr 0 lec/6.0 lab/0 lrng cntr to <u>0 lec/3.0-6.0 lab/0 lrng cntr</u> , units fr 2.0 to <u>1.0-2.0</u> , moe
AD	DANC 12	992750.05 <u>992750.25</u>	INT DANCE PRODUCTION	hrs fr 0 lec/6.0 lab/0 lrng cntr to <u>0 lec/3.0-6.0 lab/0 lrng cntr</u> , units fr 2.0 to <u>1.0-2.0</u> , txt, pcs fr not program applicable to <u>program applicable</u>
AD	DANC 14	992733.05 <u>992733.25</u>	INT DANC REH AND PERF	hrs fr 0 lec/6.0 lab/0 lrng cntr to <u>0 lec/3.0-6.0 lab/0 lrng cntr</u> , units fr 2.0 to <u>1.0-2.0</u> , moe, txt, pcs fr not program applicable to <u>program applicable</u>
AD	DANC 15	992715.05 <u>992715.25</u>	REPERTORY I	hrs fr 0 lec/6.0 lab/0 lrng cntr to <u>0 lec/3.0-6.0 lab/0 lrng cntr</u> , units fr 2.0 to <u>1.0-2.0</u> , txt
AD	DANC 51	992346.00 <u>992346.25</u>	INTRO. TO BALLET	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , tps, txt, DE
AD	DANC 52	992347.05 <u>992347.25</u>	BALLET DANCE LEVEL I	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 53	992348.05 <u>992348.25</u>	INTERMEDIATE BALLET	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt, val
AD	DANC 54	992349.05 <u>992349.25</u>	INTRO TO MODERN DANCE	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 55	992350.05 <u>992350.25</u>	MODERN DANCE LEVEL I	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , tps, txt
AD	DANC 56	992351.05 <u>992351.25</u>	INTER. MODERN DANCE	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 57	992352.05 <u>992352.25</u>	INTRO TO JAZZ DANCING	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 58	992353.05 <u>992353.25</u>	JAZZ DANCING LEVEL I	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 59	992354.05 <u>992354.25</u>	INT JAZZ DANCING	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt




AD	DANC 67	433990.05 <u>433990.25</u>	POINTE BALLET	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
AD	DANC 71	430323.05 <u>430323.25</u>	ADVANCED BALLET	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt, val, retaining rpt 3 times
AD	DANC 72	430324.05 <u>430324.25</u>	ADVANCED MODERN DANCE	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt, retaining rpt 3 times
AD	DANC 73	430325.05 <u>430325.25</u>	ADVANCED JAZZ DANCE	hrs fr 1 lec/2 lab/0 lrng cntr to <u>0.5 lec/1.5-3.0 lab/0 lrng cntr</u> , units fr 1.5 to <u>1.0-1.5</u> , txt
KN	KNEA 1	692010.15 <u>692010.25</u>	ADAPTED STR. TRAINING	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , moe
KN	KNEA 3	992140.15 <u>992140.25</u>	ADAP. CV. COND.	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , moe
KN	KNEA 4	450111.00 <u>450111.25</u>	ADAP STR & CORE TR	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , moe
KN	KNEA 5	692141.00 <u>692141.25</u>	ADAPT. SWIM	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , assign, moe, txt
KN	KNEA 6	692100.05 <u>692100.25</u>	ADAPTED SPORTS	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , assign, moe
KN	KNEA 7	692140.00 <u>692140.25</u>	ADAPT. H2O EXER.	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , assign, moe, txt
KN	KNEA 8	992367.10 <u>992367.25</u>	ADAPT OUTDOOR ED/REC	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , SLOs, moe
KN	KNEA 9	386801.15 <u>386801.25</u>	ADAPTED YOGA	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , txt
KN	KNEA 10	993019.00 <u>993019.10</u>	ADAPTED DANCE	hrs fr 0.5 lec/1.5 lab/0 lrng cntr to <u>0.5-1.0 lec/1.5-2.0 lab/0 lrng cntr</u> , units fr 1.0 to <u>1.0-1.5</u> , SLOs, txt

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

BI	BUS 421NC	2236.00 <u>2236.05</u>	NONPROFIT BSNS MGT	Noncredit Category fr J—Workforce-Preparation to <u>I - Short-Term Vocational</u> , CA Classification code fr J—Workforce-Preparation to <u>K - Other Noncredit</u> <u>Enhanced Funding</u> , txt, rpt fr 99 times to <u>3</u> times
BI	BUS 422NC	2235.00 <u>2235.05</u>	NONPROFIT BSNS FINANC	Noncredit Category fr J—Workforce-Preparation to <u>I - Short-Term Vocational</u> , CA Classification code fr J—Workforce-Preparation to <u>K - Other Noncredit</u> <u>Enhanced Funding</u> , txt, rpt fr 99 times to <u>3</u> times
BI	BUS 423NC	2234.00 <u>2234.05</u>	NONPROFIT ORGS: LAWS	Noncredit Category fr J—Workforce-Preparation to <u>I - Short-Term Vocational</u> , CA Classification code fr J—Workforce-Preparation to <u>K - Other Noncredit</u> <u>Enhanced Funding</u> , txt, rpt fr 99 times to <u>3</u> times
CS	SPS 710NC	992887.00 <u>992887.05</u>	MEMORY AND ATTENTION	course basic skills status fr N—Not Basic-Skills to <u>B - Basic Skills</u> , cat desc, sch desc, tps, lrng obj, SLOs, txt, DE fr Emergency use-only to <u>not Emergency use only</u> , retaining rpt 99 times
CS	SPS 715NC	992888.00 <u>992888.05</u>	LEARNING DEVELOPMENT	course basic skills status fr N—Not Basic-Skills to <u>B - Basic Skills</u> , cat desc, sch desc, tps, lrng obj, txt, DE, retaining rpt 99 times
CS	SPS 716NC	992897.00 <u>992897.05</u>	COLLEGE STUDY SKILLS	course basic skills status fr N—Not Basic-Skills to <u>B - Basic Skills</u> , special class status fr N—Course is not a special class to <u>S - Course is designated as an approved special class for students with disabilities</u> ; cat desc, sch desc, tps, lrng obj, SLOs, DE fr Emergency use-only to <u>not Emergency use only</u> , retaining rpt 99 times

SADDLEBACK COLLEGE
CURRICULUM DEVELOPMENT

NEW COURSE PROPOSAL	
Date: 1/24/25 RESUBMITTED	Prepared & Submitted by: Tom DeDonno
Department: CIM	Course Prefix & Number 600: CIMS 653 (153)

Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.		
1/30/2020	Tom DeDonno or Jeff Barnett _____ Print Name	 Signature, Faculty Requestor
1/30/2020	Tom DeDonno _____ Print Name	 Signature, Department Chair
1/30/2020	None _____ Print Name	_____ Signature, Other related discipline Chair (if relevant)
1/30/2020	John Jaramillo _____ Print Name	 Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :) Cybersecurity CompTIA PenTest+		Short Title: CompTIA PenTest+
Units: 3	Lec hrs: 2	Lab hrs: 3
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit		
TOP Code: 0708.10 CIP: 11.0999 SOC: 15-1212	Non-Credit Category: Click here to enter text.	Occupational Code (SAM): C Clearly Occupational

1. Anticipated first term of offering: ☐ Fall ☒ Spring Year 2027

2. Catalog Description:

This course prepares a student for the CompTIA PenTest+ certification. CompTIA PenTest+ is a certification that validates the skills needed for penetration testing and security consulting, covering all stages of the process. It includes hands-on tasks and knowledge-based questions, focusing on current trends and techniques in cybersecurity. Course includes new techniques to analyze targets, select the best approach, and perform network attacks, wireless attacks, application-based attacks, and cloud attacks. Learn about artificial intelligence (AI) attacks and scripting automation.

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

C-ID Code: ITIS 164

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 student needs in ways that currently approved courses (including those from other departments) do not?

The cybersecurity club has been actively competing in cybersecurity contests. In order to bring our teams to the next level, we need to add this CompTIA exam to our list of CompTIA cybersecurity certifications.

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: Cybersecurity/Information Security Analyst COA

**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

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

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:


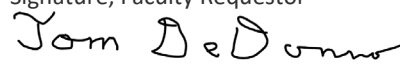

Penetration Testing	IST 4620	San	Click		Cybersecurity	
		at	Bernadino	Required for		
Course Title	Course No.		CSU Campus		UC Campus	Program or Major
Click	Click	at	Click	Required for	Click	
Course Title	Course No.		CSU Campus		UC Campus	Program or Major
Click	Click	at	Click		Click	
Course Title	Course No.		CSU Campus		UC Campus	Program or Major

[illegible]

SADDLEBACK COLLEGE
CURRICULUM DEVELOPMENT

NEW COURSE PROPOSAL	
Date: 6/23/2025	Prepared & Submitted by: Alan Foote
Department: Computer Information	Course Prefix & Number 600: CIMA 605 (5)

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

6/23/2025	Alan Foote _____ Print Name	 Signature, Faculty Requestor
Click to enter date	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	Click here to enter text. _____ Print Name	 Digitally signed by John A Jaramillo Date: 2025.09.19 10:26:28 -0700 Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :) Artificial Intelligence Literacy			Short Title: AI Literacy		
Units: 3		Weekly lec hrs: 2		Weekly lab hrs: 3	
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit					
TOP Code: 0707.00		Non-Credit Category: Click here to enter text.		Occupational Code (SAM): D Possible Occupational.	
CIP Code: 11.0102					
SOC Code(s): 15-1252 15-2051					

1. Anticipated first term of offering: X Fall ☐ Spring Year 2027

2. Catalog Description:

Course is a comprehensive introduction to artificial intelligence (AI) and its multifaceted applications. Foundational understanding of modern AI to enable effective communication about its functions, recognition of its applications, and awareness of its core principles. It emphasizes ethical use, critical thinking, and digital fluency, equipping students with tools to navigate the modern AI landscape across academic and personal contexts.

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?

Many colleges in California including the CSU system and the UC system are requiring students to understand basic concepts for AI. This knowledge is needed for success during and after attending Saddleback.

6. Course Requisites:

List all requisites*:

Prerequisite: [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: New Artificial Intelligence (AI) Foundations COA and Applied AI Video Game, Web & Data AS and COA

**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 Grading

9. Will course be Repeatable? ☐ Yes ☒ No

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.
Click here to enter text.

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:

Artificial Intelligence for All	ECS 011	at	UC Davis	Required for	Click
Course Title	Course No.	CSU Campus	UC Campus		Program or Major
A Hitchhiker's Guide to Artificial Intelligence	CS042	Click	UC Riverside	Required for	Click
Course Title	Course No.	CSU Campus	UC Campus		Program or Major
Click	Click	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"/>	X	<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: September 2025	Prepared & Submitted by: Alan Foote
Department: CIM	Course Prefix & Number 600: CIMA 634 (234)

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

Click to enter date	Alan Foote _____ Print Name	<i>Alan Foote</i> Signature, Faculty Requestor
Click to enter date	Tom DeDonno _____ Print Name	<i>Tom DeDonno</i> 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	John A Jaramillo Digitally signed by John A Jaramillo Date: 2025.09.19 10:27:55 -07'00' Signature, Dean

Course Title (60 Character max and do not use any of these symbols: ? < > " \ / * :) Foundations of AI UI/UX			Short Title: AI UI/UX
Units: 3	Weekly lec hrs: 2	Weekly lab hrs: 3	
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit			
TOP Code: 0707 CIP: SOC:	Non-Credit Category: Click here to enter text.		Occupational Code (SAM): C Clearly Occupational.

1. Anticipated first term of offering: X Fall ☐ Spring Year 2027

2. Catalog Description:

Hands-on course explores the intersection of artificial intelligence and user experience design, preparing students to create intuitive, accessible, and intelligent digital interfaces. Students will learn to leverage AI tools and technologies to enhance the design process while maintaining human-centered design principles.

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 UI/UX field is experiencing rapid growth, with the Bureau of Labor Statistics projecting 13% growth for web developers and digital designers through 2030. AI integration is becoming essential, not optional, making this skillset highly valuable.

6. Course Requisites:

List all requisites*:

Prerequisite: [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: new

AI Foundations, Applied AI Video Game, Web and Data AS & COA

**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 Grading

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.](#)

X No

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

[Click here to enter text.](#)

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:



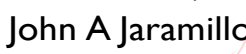
Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	Click Program or Major
Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	Click Program or Major
Click Course Title	Click Course No.	at	Click CSU Campus	Click UC Campus	Required for	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: 09/17/2025	Prepared & Submitted by: Tom DeDonno
Department: CIM	Course Prefix & Number 600: CIMA 635 (235)

Obtain original (blue ink) signatures from your Department Chair and Division Dean prior to submitting to the Curriculum Office.		
Click to enter date	Tom DeDonno _____ Print Name	 Signature, Faculty Requestor
Click to enter date	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	Click here to enter text. _____ Print Name	 Digitally signed by John A Jaramillo Date: 2025.09.19 10:27:20 -0700 Signature, Dean

Course Title (60 Character max and do not use any of Short Title: AI Vibe Coding these symbols: ? < > " \ / * :) Artificial Intelligence Vibe Coding	
Units: 3	Weekly lec hrs: 2 Weekly lab hrs: 3
Credit Status: <input checked="" type="checkbox"/> Credit – Degree Applicable <input type="checkbox"/> Credit – Non-degree Applicable <input type="checkbox"/> Non-Credit	
TOP Code: 0707.00 CIP: 11.0102 SOC: 15-1252; 15-2051 Non-Credit Category: Click here to enter text. Occupational Code (SAM): C Possible Occupational	

- Anticipated first term of offering: ☒ Fall ☐ Spring Year 2027
- Catalog Description:
Dive into the dynamic world of AI-driven development with AI Vibe Coding! This hands-on course explores "vibe coding," where students harness artificial intelligence to create innovative projects such as video games, websites, or web applications. Learn to integrate AI tools to streamline coding processes and enhance creativity. The course also introduces DevOps fundamentals, guiding students to build intelligent agents that automate DevOps tasks like deployment, testing, monitoring, and scaling. By the end, students will have developed a fully functional project and gained practical skills in AI-powered development and DevOps automation. No prior AI or DevOps experience required, but basic programming knowledge is recommended.
- 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 need for the Artificial Intelligence (AI) Vibe Coding course was identified through a combination of industry trends, student feedback, advisory meetings, and academic gaps in the current curriculum. Advisory saw the value of Vibe coding as a very powerful test of concept or prototype system. The rapid integration of artificial intelligence (AI) into software development, coupled with the growing demand for DevOps expertise, highlights a critical skill set for modern developers. Industry reports, such as those from Gartner and Stack Overflow's 2025 Developer Survey, indicate that over 70% of organizations now incorporate AI tools in development workflows, and DevOps roles are among the fastest-growing tech jobs. Student surveys conducted in 2024 revealed strong interest in hands-on, project-based courses that combine AI, creative coding, and automation, with 85% of respondents expressing a desire for practical experience in building AI-driven applications. Additionally, consultations with local tech companies underscored a shortage of graduates skilled in both AI development and DevOps automation, particularly in creating intelligent agents for operational efficiency. Current course offerings, while robust in traditional programming or introductory AI, lack a focus on the intersection of AI-driven development and DevOps automation.

6. Course Requisites:

List all requisites*:

Prerequisite: none

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

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

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: AI Foundations COA; Applied; AI Video Game, Web & Data AS and COA

**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 Grading

9. Will course be Repeatable? ☐ Yes ☒ No

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.

Existing requirements already exist

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

New Program Initiation Form (not needed for ADTs)

1	Idea for program. ADTs do NOT need to complete this process.						
2	<p>Faculty Initiator completes Part 2 of this New Program Initiation Form in preparation for Step 3.</p> <p>a. Program Name: Artificial Intelligence (AI) Foundations</p> <p>b. Program Type: (use drop down menu or write in) Certificate of Achievement</p> <p>c. Program TOP code: 0707.00 CIP: 11.0102</p> <p>d. Contact information for Program Initiator: Tom DeDonno tdedonno@saddleback.edu 949 582 4817</p> <p>e. Proposed Pathway for new program: Subject: CIMAI Program: CIMDA Data Analytics (or created new one)</p> <p>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.</p> <p>The Certificate in Artificial Intelligence (AI) Foundations is a focused, 9-unit program designed to provide students with a comprehensive introduction to AI and its applications in creative and technical domains. Students will complete three 3-unit courses from the following groups: (1) General AI, introducing core AI concepts, tools, and techniques; (2) Advanced AI, Machine Learning, or Vibe Coding, exploring deeper AI algorithms, machine learning models, or AI-driven creative coding for innovative projects; and (3) Game Design, Web Design/Development, Programming, or Database, emphasizing practical skills in building video games, websites, web applications, or managing data systems with AI integration. Through hands-on, project-based learning, this certificate equips students with in-demand skills for tech careers, blending AI proficiency with creative and technical expertise.</p> <p>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.</p> <p>The Artificial Intelligence (AI) Foundations certificate addresses student and industry demand for accessible AI education, as Saddleback lacks an AI program. Faculty, administrators, and industry advisors identified a need for increased completions to meet AI workforce demands. Enrollment data shows low-unit, stackable certificates boost retention and prepare students for AS degrees or advanced certificates. Student feedback emphasized flexible, hands-on AI programs with creative applications like game design and web development. This 9-unit certificate offers foundational AI, advanced AI or vibe coding, and practical development skills.</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. Low-Unit Cert stackable 3 course certificate, one course from each group.</p> <p>1 CIMA 130 Intro to AI CIMA 605 (5) AI Literacy* CIMA 634 (234) AI UI/UX*</p> <p>2 CIMA 136 Machine Learning CIMA 133 Business Apps AI CIMA 635 (235) AI Vibe Coding*</p> <p>3 CIMP8A Python CIMW115 Creating Web Pages CIMP3 Game CIMW105 SQL</p>						
3	<p>Document Department/Inter-Departmental discussions with signatures in preparation for Step 4</p> <table border="1"> <tr> <td>Signature/Date, Program Initiator  9/17/2025</td> <td>Signature/Date, Dept. Chair  9/17/2025</td> </tr> <tr> <td>Signature/Date, Division Dean  Digitally signed by John A. Jaramillo Date: 2025.09.19 14:54:33 -07'00'</td> <td>Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a</td> </tr> </table>			Signature/Date, Program Initiator  9/17/2025	Signature/Date, Dept. Chair  9/17/2025	Signature/Date, Division Dean  Digitally signed by John A. Jaramillo Date: 2025.09.19 14:54:33 -07'00'	Other discipline faculty/chair (if applicable) or <input type="checkbox"/> n/a
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SADDLEBACK COLLEGE
REVISED AND DELETED COURSES
ACADEMIC YEAR 2026-2027

11-25-25
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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	CTVR 106	992742.10 992742.25	VIDEO JOURNALISM VIDEO PRODUCTION	ti fr VIDEO JOURNALISM to NEWS AND FEATURE VIDEO PRODUCTION , hrs fr 3 lec/1 lab/0 lrng cntr to 2.5 lec/1.5 lab/0 lrng cntr , cat desc, sch desc, SLOs, txt

SADDLEBACK COLLEGE
REVISED AND DELETED COURSES
ACADEMIC YEAR 2026-2027

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AD	DANC 10	680060.05	DANCE PRODUCTION	dv
AD	DANC 11	680070.05	DANCE REH AND PERF	dv
AD	DANC 12	992750.00	INT DANCE PRODUCTION	dv
AD	DANC 14	992733.00	INT DANC REH AND PERF	dv
AD	DANC 15	992715.00	REPERTORY I	dv
AD	DANC 51	992346.05	INTRO. TO BALLET	dv
AD	DANC 52	992347.00	BALLET DANCE LEVEL I	dv
AD	DANC 53	992348.00	INTERMEDIATE BALLET	dv
AD	DANC 54	992349.00	INTRO TO MODERN DANCE	dv
AD	DANC 55	992350.00	MODERN DANCE LEVEL I	dv
AD	DANC 56	992351.00	INTER. MODERN DANCE	dv
AD	DANC 57	992352.00	INTRO TO JAZZ DANCING	dv
AD	DANC 58	992353.00	JAZZ DANCING LEVEL I	dv
AD	DANC 59	992354.00	INT JAZZ DANCING	dv
AD	DANC 63	675060.10	EXERCISE FOR DANCERS	txt, DE
AD	DANC 67	433990.00	POINTE BALLET	dv
AD	DANC 71	430323.00	ADVANCED BALLET	dv
AD	DANC 72	430324.00	ADVANCED MODERN DANCE	dv
AD	DANC 73	430325.00	ADVANCED JAZZ DANCE	dv
AD	JRN 106	992742.00 992742.20	VIDEO JOURNALISM VIDEO PRODUCTION	ti fr VIDEO JOURNALISM to NEWS AND FEATURE VIDEO PRODUCTION , hrs fr 3 lec/1 lab/0 lrng cntr to 2.5 lec/1.5 lab/0 lrng cntr , cat desc, sch desc, SLOs, txt, val, DE
CS	COUN 150	36050.00	HELPING RELATIONSHIPS	dc
KN	KNEA 1	692010.10	ADAPTED STR. TRAINING	dv
KN	KNEA 3	992140.00	ADAP. CV. COND.	dv
KN	KNEA 4	450111.10	ADAP STR & CORE TR	dv
KN	KNEA 5	692141.10	ADAPT. SWIM	dv
KN	KNEA 6	692100.10	ADAPTED SPORTS	dv
KN	KNEA 7	692140.10	ADAPT. H2O EXER.	dv
KN	KNEA 8	992367.00	ADAPT OUTDOOR ED/REC	dv
KN	KNEA 9	386801.10	ADAPTED YOGA	dv
KN	KNEA 10	993020.00	ADAPTED DANCE	dv
KN	KNEA 300NC	692120.00	ADAPTED STR. TRAINING	cat desc, sch desc, SLOs
KN	KNEA 310NC	692130.00	ADAPT WATER EX & SWIM	cat desc, sch desc, SLOs, txt
SH	PORT 1	992616.00	ELEMENTARY PORTUGUESE	dc
SH	PORT 2	992617.00	ELEMENTARY PORTUGUESE	dc
SH	PORT 3	100015.00	INTERMEDIATE PORT	dc
SH	PORT 4	405049.00	INTERMEDIATE PORT	dc

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Biology
Associate of Science**

The curriculum in the Biology Associate ~~in~~ Science Degree is designed to provide the transfer student the opportunity to achieve a biology degree with greater flexibility in completing restrictive electives. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Biology Associate ~~in~~ Science degree would demonstrate achievement and may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate a working knowledge of the scientific method.
- Demonstrate the ability to make links among topics and sub-disciplines so that information can be used for deeper comprehension.
- Demonstrate the ability to use the attained knowledge foundation to illustrate concepts and compare examples.

Required Core:

CHEM 1A*	General Chemistry	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4

Restricted Electives (10 units):

BIO 3C	Biochemistry and Molecular Biology	5
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 15*	General Microbiology	5
BIO 19	Marine Biology	4
BIO 20	Introduction to Biology	4
BIO 22*	Human Genetics	3
BIO 28	Plants and Human Affairs	3
BIO 30	Human Biology	3
BIO 31	Biology of Plants	4
BIO 40	Evolution	3
BIO 43	Animal Behavior	3
BIO 45	Biology of Human Disease	3
Select one		
BIO 49	Research in Biology and Biochemistry A	1.5
or		
BIO 49H	Honors Research in Biology and Biochemistry A	1.5
Select one		
BIO 50	Research in Biology and Biochemistry B	1.5
or		
BIO 50H	Honors Research in Biology and Biochemistry B	1.5
BIO 112	Pathophysiology	3
Select one		
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5

**Revised
Biology
Associate of Science**

The curriculum in the Biology Associate **of** Science Degree is designed to provide the transfer student the opportunity to achieve a biology degree with greater flexibility in completing restrictive electives. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Biology Associate **of** Science degree would demonstrate achievement and may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate a working knowledge of the scientific method.
- Demonstrate the ability to make links among topics and sub-disciplines so that information can be used for deeper comprehension.
- Demonstrate the ability to use the attained knowledge foundation to illustrate concepts and compare examples.

Required Core:

CHEM 1A*	General Chemistry	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4

Restricted Electives: Complete 10 units

BIO 3C*	Biochemistry and Molecular Biology	5
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
<u>BIOL C1000</u>	<u>Introduction to Biology with Lab</u>	<u>4</u>
BIO 22*	Human Genetics	3
BIO 28	Plants and Human Affairs	3
BIO 30	Human Biology	3
BIO 31	Biology of Plants	4
BIO 40	Evolution	3
BIO 43*	Animal Behavior	3
BIO 45*	Biology of Human Disease	3
Select one		
BIO 49*	Research in Biology and Biochemistry A	1.5
or		
BIO 49H*	Honors Research in Biology and Biochemistry A	1.5
Select one		
BIO 50*	Research in Biology and Biochemistry B	1.5
or		
BIO 50H*	Honors Research in Biology and Biochemistry B	1.5
BIO 112*	Pathophysiology	3
Select one		
MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	<u>5</u>
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	<u>5</u>

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

MS 20	Introduction to Oceanography	4
Select one		
PHYS 2A*	Introduction to Physics	5
or		
PHYS 4A*	General Physics	5

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.

MS 20	Introduction to Oceanography	4
Select one		
PHYS 2A*	Introduction to Physics	5
or		
PHYS 4A*	General Physics	5

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
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Biomedical Illustration
Certificate of Achievement

Biomedical illustration is a unique discipline combining design, science, art, communication, and media technology. Biomedical illustrators work in a variety of media and industries to create visuals that transform complex information and data into images that explain, inform, and record scientific research and discoveries. In this program, students will combine illustration, drawing, biology, and anatomy studies to gain skills and apply them in the Biomedical illustration field. The program combines classroom and laboratory instruction to provide students with a well-rounded preparation in the Biomedical and life science illustration fields. The goal of the program is to train and prepare students for a career in the field as illustrators in various medical, science, and technical presentation areas. Among the applications of target skills are textbooks and journals, web, television, patient education, museums, veterinary, dental, trade shows, pharmaceutical advertising, and medical illustration used by attorneys and law enforcement to clarify complex medical information for judges and juries. Students completing this certificate will have foundational skills to prepare them for entry-level employment in this field.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Evaluate, understand, and translate scientific data into visual communication.
- Evaluate illustration methods and media to determine the most appropriate approach for the subject.
- Demonstrate a basic knowledge of anatomy and physiology.
- Apply traditional and digital illustration and drawing skills.
- Design, produce, and market scientific and medical illustrations to a broad audience.

Required Core

GD 149	Digital Illustration	3
ART 80	Drawing I	3
BIO 20	Introduction to Biology	4
GD 200	Photoshop Skills for Graphic Designers	3
GD 150*	Digital Animation	3
ART 85*	Drawing from the Live Model I	3
BIO 13	Human Anatomy and Physiology	4
GD 199*	Digital Illustration II	3
GD 249*	Biomedical Illustration	3

Total Units for the Certificate 29

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

Revised
Biomedical Illustration
Certificate of Achievement

Biomedical illustration is a unique discipline combining design, science, art, communication, and media technology. Biomedical illustrators work in a variety of media and industries to create visuals that transform complex information and data into images that explain, inform, and record scientific research and discoveries. In this program, students will combine illustration, drawing, biology, and anatomy studies to gain skills and apply them in the Biomedical illustration field. The program combines classroom and laboratory instruction to provide students with a well-rounded preparation in the Biomedical and life science illustration fields. The goal of the program is to train and prepare students for a career in the field as illustrators in various medical, science, and technical presentation areas. Among the applications of target skills are textbooks and journals, web, television, patient education, museums, veterinary, dental, trade shows, pharmaceutical advertising, and medical illustration used by attorneys and law enforcement to clarify complex medical information for judges and juries. Students completing this certificate will have foundational skills to prepare them for entry-level employment in this field.

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- Demonstrate a basic knowledge of anatomy and physiology.
- Apply traditional and digital illustration and drawing skills.
- Design, produce, and market scientific and medical illustrations to a broad audience.

Required Core

GD 149	Digital Illustration	3
ART 80	Drawing I	3
<u>BIOL C1000</u>	<u>Introduction to Biology with Lab</u>	4
GD 200	Photoshop Skills for Graphic Designers	3
GD 150*	Digital Animation	3
ART 85*	Drawing from the Live Model I	3
BIO 13	Human Anatomy and Physiology	4
GD 199*	Digital Illustration II	3
GD 249*	Biomedical Illustration	3

Total Units for the Certificate 29

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Business Communication Skills
Certificate of Achievement

The Business Communication Skills Certificate of Achievement prepares students to use effective workplace communications, written and oral. Effective documents, reports, and other written communications, internal and external, print and electronic, are emphasized. Students learn to communicate clearly, use effective interpersonal skills, and apply listening skills, all for the business environment. While countless occupations require communications skills, occupations specific to communications include, but are not limited to, Media and Communication workers, Public Relations Assistants, Sales and Marketing Assistants, Office Assistants, Event Planners, Dispatchers, Fundraising Specialists, and Supervisors. This certificate serves as a foundation to the Business Communications Certificate of Achievement and, depending on course selection, other certificates such as the General Business Certificate of Achievement. See an academic counselor for guidance.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Effectively and appropriately apply principles, planning, organization, and styles to written and oral business communications, including proper consideration of ethical, cultural, gender, and other aspects of the communication.
- Create appropriate written business documents, such as letters, memorandums, reports, proposals, requests for proposals (RFPs), instructions, employment-related documents, as well as email and other online written business communications. Use correct grammar, style, and format.
- Orally communicate clearly, effectively, and appropriately, including critical listening, communication with workplace superiors, coworkers, customers, clients; use telephone, webinar, and other online communications; use teamwork, meeting, and leadership skills, interviewing, business etiquette, presentations, as well as nonverbal communications.
- Behave in a professional manner appropriate to organizational expectations, including the exercise of initiative and self-direction and observation of laws, rules, and ethical practices.

Required Core

BUS 102	Oral Business Communications	3
BUS 104*	Business Communication	3
Select one		
BUS 103	Business English	3
or		
ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
Select one		
BUS 196	Workplace Success Skills	1
or		
BUS 180WE	Business Work Experience	2

Restricted Electives: Select one course

BUS 1	Introduction to Business	3
BUS 1H	Honors Introduction to Business	3

Revised
Business Communication Skills
Certificate of Achievement

The Business Communication Skills Certificate of Achievement prepares students to use effective workplace communications, written and oral. Effective documents, reports, and other written communications, internal and external, print and electronic, are emphasized. Students learn to communicate clearly, use effective interpersonal skills, and apply listening skills, all for the business environment. While countless occupations require communications skills, occupations specific to communications include, but are not limited to, Media and Communication workers, Public Relations Assistants, Sales and Marketing Assistants, Office Assistants, Event Planners, Dispatchers, Fundraising Specialists, and Supervisors. This certificate serves as a foundation to the Business Communications Certificate of Achievement and, depending on course selection, other certificates such as the General Business Certificate of Achievement. See an academic counselor for guidance.

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- Behave in a professional manner appropriate to organizational expectations, including the exercise of initiative and self-direction and observation of laws, rules, and ethical practices.

Required Core

BUS 102	Oral Business Communications	3
BUS 104*	Business Communication	3
Select one		
BUS 103	Business English	3
or		
ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
Select one		
BUS 196	Workplace Success Skills	1
or		
BUS 180WE	Business Work Experience	2

Restricted Electives: Select one course

BUS 1	Introduction to Business	3
BUS 1H	Honors Introduction to Business	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

BUS 13	Legal Environment and Business Law	3
BUS 13H	Honors Legal Environment and Business Law	3
BUS 105	Social Media Marketing	3
BUS 125	Human Relations in Business	3
BUS 135	Marketing	3
CIMA 102	Word Processing - Word	3
CIMA 108	Business Presentations - PowerPoint	3
COMM 5	Interpersonal Communication	3
COMM 20	Intercultural Communication	3

Total Units for the Certificate 13-15

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

BUS 13	Legal Environment and Business Law	3
BUS 13H	Honors Legal Environment and Business Law	3
BUS 105	Social Media Marketing	3
BUS 125	Human Relations in Business	3
BUS 135	Marketing	3
CIMA 102	Word Processing - Word	3
CIMA 108	Business Presentations - PowerPoint	3
COMM C1004	Interpersonal Communication	3
COMM 20	Intercultural Communication	3

Total Units for the Certificate 13-15

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Business Communications
Certificate of Achievement

Completion of the Business Communications Certificate of Achievement prepares students to use effective workplace communications, written and oral. Effective documents, reports, and other written communications, internal and external, print and electronic, are emphasized. Students will learn to work effectively in today's business environments and management structures. They will use effective human relations techniques for team or project management. Students learn to communicate clearly, use effective interpersonal skills, and apply listening skills, all for the business environment. While innumerable occupations require communications skills, occupations specific to communications include, but are not limited to, corporate communications specialists, assistants, and managers; media and communication specialists, assistants and managers; public relations assistants and managers; strategic communications assistants; sales and marketing coordinators, specialists, assistants, and managers; copywriters; content specialists; office assistants; event planners and consultants; fundraising specialists and assistants; and supervisors. This program builds upon the Business Communication Skills Certificate of Achievement.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Work effectively in today's business environments and management structures.
- Identify the fundamentals of legal systems, and technological, social, ethical, global, and political forces affecting the development and operation of businesses.
- Describe the functions of business in society including the major concepts related to business ownership and the factors that influence them; competition and marketing; and the systems, technologies, and operational controls through which business organizations operate.
- List, describe, give examples of, and apply the key management functions of planning, organizing, leading, controlling, and project management in ways that will contribute to organizational and business success and social responsibility.
- Describe/apply effective human relations techniques for team or project management.
- Effectively and appropriately apply principles, planning, organization, tone, and styles to written and oral business communications, including adequate consideration of ethical, cultural, gender, and other aspects of the communication.
- Create appropriate and effective written business documents, such as letters, memorandums, reports, proposals, requests for proposals (RFPs), instructions, employment-related documents, as well as email and other online written business communications.
- Use correct grammar, punctuation, tone, style, and document format.
- Use appropriate business oral communications clearly, effectively, and appropriately, including critical listening, communication with workplace superiors, coworkers, customers, clients; use telephone, webinar, video conferencing, and other distance and online communications.

Revised
Business Communications
Certificate of Achievement

Completion of the Business Communications Certificate of Achievement prepares students to use effective workplace communications, written and oral. Effective documents, reports, and other written communications, internal and external, print and electronic, are emphasized. Students will learn to work effectively in today's business environments and management structures. They will use effective human relations techniques for team or project management. Students learn to communicate clearly, use effective interpersonal skills, and apply listening skills, all for the business environment. While innumerable occupations require communications skills, occupations specific to communications include, but are not limited to, corporate communications specialists, assistants, and managers; media and communication specialists, assistants and managers; public relations assistants and managers; strategic communications assistants; sales and marketing coordinators, specialists, assistants, and managers; copywriters; content specialists; office assistants; event planners and consultants; fundraising specialists and assistants; and supervisors. This program builds upon the Business Communication Skills Certificate of Achievement.

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SADDLEBACK COLLEGE
REVISED PROGRAMS
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- Use effective teamwork, meeting, and leadership skills, interviewing, business etiquette, presentations, as well as nonverbal communications.
- Behave in a professional manner appropriate to organizational expectations, including the exercise of initiative and self-direction and observation of laws, rules, and ethical practices.

Required Core

BUS 102	Oral Business Communications	3
BUS 104*	Business Communication	3
Select one		
BUS 103	Business English	3
or		
ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
Select one		
BUS 196	Workplace Success Skills	1
or		
BUS 180WE	Business Work Experience	2
Select one		
BUS 1	Introduction to Business	3
or		
BUS 1H	Honors Introduction to Business	3
Select one		
BUS 13	Legal Environment and Business Law	3
or		
BUS 13H	Honors Legal Environment and Business Law	3
BUS 125	Human Relations in Business	3

Restricted Electives: Select one course

BUS 16	Personal Law, Street Law	3
BUS 105	Social Media Marketing	3
BUS 135	Marketing	3
BUS 160	Entrepreneurship	3
CIM 1	Computer Information Systems	4
CIM 112	Microsoft Office	3
CIMA 102	Word Processing - Word	3
CIMA 108	Business Presentations - PowerPoint	3
COMM 5	Interpersonal Communication	3
COMM 20	Intercultural Communication	3

Total Units for the Certificate 22-25

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

- Use effective teamwork, meeting, and leadership skills, interviewing, business etiquette, presentations, as well as nonverbal communications.
- Behave in a professional manner appropriate to organizational expectations, including the exercise of initiative and self-direction and observation of laws, rules, and ethical practices.

Required Core

BUS 102	Oral Business Communications	3
BUS 104*	Business Communication	3
Select one		
BUS 103	Business English	3
or		
ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
Select one		
BUS 196	Workplace Success Skills	1
or		
BUS 180WE	Business Work Experience	2
Select one		
BUS 1	Introduction to Business	3
or		
BUS 1H	Honors Introduction to Business	3
Select one		
BUS 13	Legal Environment and Business Law	3
or		
BUS 13H	Honors Legal Environment and Business Law	3

Complete

BUS 125	Human Relations in Business	3
Restricted Electives: Select one course		
BUS 16	Personal Law, Street Law	3
BUS 105	Social Media Marketing	3
BUS 135	Marketing	3
BUS 160	Entrepreneurship	3
CIM 1	Computer Information Systems	4
CIM 112	Microsoft Office	3
CIMA 102	Word Processing - Word	3
CIMA 108	Business Presentations - PowerPoint	3
COMM C1004	Interpersonal Communication	3
COMM 20	Intercultural Communication	3

Total Units for the Certificate 22-25

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Cal-GETC
Certificate of Achievement**

The California General Education Transfer Curriculum (Cal-GETC) is an interdisciplinary program that allows students to acquire and integrate knowledge in the areas of English Communication (composition, critical thinking and oral), quantitative reasoning, scientific inquiry, arts, humanities, social sciences, and ethnic studies.

Students may earn a Certificate of Achievement upon completion of the California General Education Transfer Curriculum (Cal-GETC) with a minimum of 34 units. Courses must be completed with a "C" grade or better or "Pass". The Cal-GETC should be completed by students who intend to transfer to the University of California (UC), California State University (CSU) and may also be accepted at some private/independent or out of state universities. See www.assist.org for more information.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective English Communication through writing, critical thinking and oral communication.
- Develop, present, use, and critique quantitative arguments.
- Understand the nature and richness of human culture and social structures through a comparative approach.
- Recognize the contributions to knowledge, civilization, and society that have been made by men, women, and members of various ethnic or cultural groups.
- Explain basic scientific concepts of the physical and biological aspects of the world.

Area 1: English Communication (Complete three courses - minimum 9 semester or 12 quarter units)

1A. English Composition (Complete one course - minimum 3 semester or 4 quarter units)

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

1B. Critical Thinking and Composition (Complete one course - minimum 3 semester or 4 quarter units)

ENGL C1001* Critical Thinking and Writing 3

or

ENGL C1001H* Critical Thinking and Writing - Honors 3

ENG 2* Argumentative Writing and Critical Thinking Thru Literature 3

ENG 70* Critical Thinking, Reading, and Writing 3

1C. Oral Communication (Complete one course - minimum 3 semester/4 quarter units)

COMM C1000 Introduction to Public Speaking 3

COMM C1000H Introduction to Public Speaking - Honors 3

**Revised
Cal-GETC
Certificate of Achievement**

The California General Education Transfer Curriculum (Cal-GETC) is an interdisciplinary program that allows students to acquire and integrate knowledge in the areas of English Communication (composition, critical thinking and oral), quantitative reasoning, scientific inquiry, arts, humanities, social sciences, and ethnic studies.

Students may earn a Certificate of Achievement upon completion of the California General Education Transfer Curriculum (Cal-GETC) with a minimum of 34 units. Courses must be completed with a "C" grade or better or "Pass". The Cal-GETC should be completed by students who intend to transfer to the University of California (UC), California State University (CSU) and may also be accepted at some private/independent or out of state universities. See www.assist.org for more information.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective English Communication through writing, critical thinking and oral communication.
- Develop, present, use, and critique quantitative arguments.
- Understand the nature and richness of human culture and social structures through a comparative approach.
- Recognize the contributions to knowledge, civilization, and society that have been made by men, women, and members of various ethnic or cultural groups.
- Explain basic scientific concepts of the physical and biological aspects of the world.

Area 1: English Communication (Complete three courses - minimum 9 semester or 12 quarter units)

1A. English Composition (Complete one course - minimum 3 semester or 4 quarter units)

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

1B. Critical Thinking and Composition (Complete one course - minimum 3 semester or 4 quarter units)

ENGL C1001* Critical Thinking and Writing 3

or

ENGL C1001H* Critical Thinking and Writing - Honors 3

ENG 2* Argumentative Writing and Critical Thinking Thru Literature 3

ENG 70* Critical Thinking, Reading, and Writing 3

1C. Oral Communication (Complete one course - minimum 3 semester/4 quarter units)

COMM C1000 Introduction to Public Speaking 3

COMM C1000H Introduction to Public Speaking - Honors 3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Area 2: Mathematical Concepts and Quantitative Reasoning (Complete one course - minimum 3 semester or 4 quarter units)

BUS 10*	Business Statistics	3
CS 30A*	Computer Discrete Mathematics I	3
or		
MATH 30A*	Computer Discrete Mathematics I	3
CS 30B*	Computer Discrete Mathematics II	3
or		
MATH 30B*	Computer Discrete Mathematics II	3
MATH 2*+	Pre-Calculus Mathematics	5
MATH 3A*+	Analytic Geometry and Calculus	5
or		
MATH 3AH*+	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 8*+	College Algebra for Brief Calculus	5
MATH 11*+	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
PSYC 44*	Statistics for the Behavioral Sciences	3
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3

**Area 3: Arts and Humanities (Complete two courses - minimum 6 semester or 8 quarter units)
Complete one course from Area 3A (Arts) and one course from Area 3B (Humanities).**

<i>3A. Arts</i>		
ARCH 12	History of Architecture	3
ARCH 14	California Architecture	3
ART 4	Fundamentals of Art	3
ARTH 20	Art Appreciation	3
ARTH 21	Women and Art	3
ARTH 22	Survey of Asian Art (India, China, Japan, and Korea)	3
ARTH 23	African, Oceanic, and Ancient North American Art	3
ARTH 24	Indigenous Arts of the Americas	3
ARTH 25	Survey of Art History—Ancient Worlds to Gothic	3
ARTH 26*	Survey of Western Art History—Renaissance to Contemporary	3
ARTH 29	Introduction to World Art	3

Area 2: Mathematical Concepts and Quantitative Reasoning (Complete one course - minimum 3 semester or 4 quarter units)

BUS 10*	Business Statistics	3
CS 30A*	Computer Discrete Mathematics I	3
or		
MATH 30A*	Computer Discrete Mathematics I	3
CS 30B*	Computer Discrete Mathematics II	3
or		
MATH 30B*	Computer Discrete Mathematics II	3
MATH 2*+	Pre-Calculus Mathematics	5
MATH C2210*+	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH C2210H*+	<u>Calculus I: Early Transcendentals - Honors</u>	5
MATH C2220*	<u>Calculus II: Early Transcendentals</u>	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 8*+	College Algebra for Brief Calculus	5
MATH 11*+	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
PSYC 44*	Statistics for the Behavioral Sciences	3
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3

**Area 3: Arts and Humanities (Complete two courses - minimum 6 semester or 8 quarter units)
Complete one course from Area 3A (Arts) and one course from Area 3B (Humanities).**

<i>3A. Arts</i>		
ARCH 12	History of Architecture	3
ARCH 14	California Architecture	3
ART 4	Fundamentals of Art	3
ARTH 20	Art Appreciation	3
ARTH 21	Women and Art	3
ARTH 22	Survey of Asian Art (India, China, Japan, and Korea)	3
ARTH 23	African, Oceanic, and Ancient North American Art	3
ARTH 24	Indigenous Arts of the Americas	3
ARTH C1100	<u>Survey of Art from Prehistory to the Medieval Era</u>	3
ARTH C1200	<u>Survey of Art from the Renaissance to Contemporary</u>	3
ARTH 29	Introduction to World Art	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

ARTH 30	History of Modern Art 1825-1945	3	ARTH 30	History of Modern Art 1825-1945	3
ARTH 32	Survey of Contemporary Art	3	ARTH 32	Survey of Contemporary Art	3
CTVR 2	History and Appreciation of Television		CTVR 2	History and Appreciation of Television	
	Broadcasting	3		Broadcasting	3
CTVR 3	The History and Appreciation of American		CTVR 3	The History and Appreciation of American	
	Cinema	3		Cinema	3
or			or		
CTVR 3H	Honors History and Appreciation of		CTVR 3H	Honors History and Appreciation of	
	American Cinema	3		American Cinema	3
CTVR 5	History and Appreciation of International		CTVR 5	History and Appreciation of International	
	Cinema	3		Cinema	3
CTVR 7	Cross Cultural Cinema	3	CTVR 7	Cross Cultural Cinema	3
CTVR 9	Women in Cinema and Television	3	CTVR 9	Women in Cinema and Television	3
DANC 64	History of Dance	3	DANC 64	History of Dance	3
DANC 74	Multicultural Dance History in the		DANC 74	Multicultural Dance History in the	
	United States	3		United States	3
FA 27	Introduction to Fine Arts	3	FA 27	Introduction to Fine Arts	3
or			or		
FA 27H	Honors Introduction to Fine Arts	3	FA 27H	Honors Introduction to Fine Arts	3
FASH 44	Fashion Trends and Cultural Costumes	3	FASH 44	Fashion Trends and Cultural Costumes	3
GD 1	History of Animation	3	GD 1	History of Animation	3
GD 2	History of Graphic Design	3	GD 2	History of Graphic Design	3
HORT 15	History of Landscape Design	3	HORT 15	History of Landscape Design	3
ID 22	History of Interior Architecture and		ID 22	History of Interior Architecture and	
	Furnishings I	3		Furnishings I	3
ID 25	History of Interior Architecture and		ID 25	History of Interior Architecture and	
	Furnishings II	3		Furnishings II	3
KNES 32	Sports and Film	3	KNES 32	Sports and Film	3
MUS 20	Music Appreciation	3	MUS 20	Music Appreciation	3
MUS 23	Introduction to World Music	3	MUS 23	Introduction to World Music	3
MUS 24	Music Since 1900	3	MUS 24	Music Since 1900	3
MUS 25*	Music History to Mozart C. 1750	3	MUS 25*	Music History to Mozart C. 1750	3
MUS 26*	Music History Since Mozart from C. 1750	3	MUS 26*	Music History Since Mozart from C. 1750	3
MUS 27	History of Jazz	3	MUS 27	History of Jazz	3
MUS 28	History of Rock	3	MUS 28	History of Rock	3
PHOT 25	History of Photography	3	PHOT 25	History of Photography	3
TA 20	Theatre Appreciation	3	TA 20	Theatre Appreciation	3
TA 22	Musical Theatre History and Appreciation	3	TA 22	Musical Theatre History and Appreciation	3
<i>3B. Humanities</i>			<i>3B. Humanities</i>		
ARAB 2*	Elementary Arabic	5	ARAB 2*	Elementary Arabic	5
ARAB 3*	Intermediate Arabic	5	ARAB 3*	Intermediate Arabic	5
ARAB 4*	Intermediate Arabic	5	ARAB 4*	Intermediate Arabic	5
ARAB 21	Introduction to Arabic Culture	3	ARAB 21	Introduction to Arabic Culture	3
CHI 2*	Elementary Chinese	5	CHI 2*	Elementary Chinese	5
CHI 3*	Intermediate Chinese	5	CHI 3*	Intermediate Chinese	5
CHI 4*	Intermediate Chinese	5	CHI 4*	Intermediate Chinese	5
CHI 21*	Introduction to Chinese Culture and		CHI 21*	Introduction to Chinese Culture and	
	Influence in the U.S.	3		Influence in the U.S.	3

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ENG 15A	Survey of American Literature - 1620-1860	3
ENG 15B	Survey of American Literature - 1860-Contemporary	3
ENG 17A	Survey of English Literature - Beowulf to Romantic Movement	3
ENG 17B	Survey of English Lit – Romantic Movement to the Present	3
ENG 18	Shakespeare - The Tragedies	3
ENG 21A	World Literature - Ancient to 17 th Century	3
ENG 21B	World Literature – 17 th Century to Modern Period	3
ENG 22	Introduction to Shakespeare	3
or		
ENG 22H	Honors Introduction to Shakespeare	3
ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 25*	Introduction to Literature	3
or		
ENG 25H*	Honors Introduction to Literature	3
ENG 27A	Introduction to the Novel	3
or		
ENG 27AH	Honors Introduction to the Novel	3
ENG 42	Children's Literature	3
ENG 44	Classical Mythology	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3
FR 2*	Elementary French	5
FR 3*	Intermediate French	5
FR 4*	Intermediate French	5
FR 21*	Introduction to French Culture	3
GER 2*	Elementary German	5
GER 3*	Intermediate German	5
GER 4*	Intermediate German	5
GER 21	Introduction to German Culture	3
HEBR 2*	Elementary Hebrew	5
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
HIST 30‡	History of Mexico	3
HIST 70‡	History of Asia to 1800	3
HIST 71‡	History of Asia Since 1800	3
HIST 72‡	History of China	3
HIST 75‡	History of the Modern Middle East	3
HON 11H*	Honors Culture, Science, Society - Renaissance	3
HON 12H*	Honors Culture, Science, Society - The Postmodern World	3

ENG 15A	Survey of American Literature - 1620-1860	3
ENG 15B	Survey of American Literature - 1860-Contemporary	3
ENG 17A	Survey of English Literature - Beowulf to Romantic Movement	3
ENG 17B	Survey of English Lit – Romantic Movement to the Present	3
ENG 18	Shakespeare - The Tragedies	3
ENG 21A	World Literature - Ancient to 17 th Century	3
ENG 21B	World Literature – 17 th Century to Modern Period	3
ENG 22	Introduction to Shakespeare	3
or		
ENG 22H	Honors Introduction to Shakespeare	3
ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENGL C1002*	Introduction to Literature	3
or		
ENGL C1002H*	Introduction to Literature - Honors	3
ENG 27A	Introduction to the Novel	3
or		
ENG 27AH	Honors Introduction to the Novel	3
ENG 42	Children's Literature	3
ENG 44	Classical Mythology	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3
FR 2*	Elementary French	5
FR 3*	Intermediate French	5
FR 4*	Intermediate French	5
FR 21*	Introduction to French Culture	3
GER 2*	Elementary German	5
GER 3*	Intermediate German	5
GER 4*	Intermediate German	5
GER 21	Introduction to German Culture	3
HEBR 2*	Elementary Hebrew	5
HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3
HIST C1001+‡	<u>United States History to 1877</u>	3
HIST C1002+‡	<u>United States History since 1865</u>	3
HIST 30‡	History of Mexico	3
HIST 70‡	History of Asia to 1800	3
HIST 71‡	History of Asia Since 1800	3
HIST 72‡	History of China	3
HIST 75‡	History of the Modern Middle East	3
HON 11H*	Honors Culture, Science, Society - Renaissance	3
HON 12H*	Honors Culture, Science, Society - The Postmodern World	3

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HON 13H*	Honors Culture, Science, Society - Power, Resistance, Empire	3
HON 14H*	Honors Culture, Science, Society - Transformation of Empire	3
HUM 1	Introduction to Humanities	3
HUM 2	Origins of Western Culture in Literature	3
HUM 21	The Search for Meaning - Ideas of Self Across Cultures	3
ITA 2*	Elementary Italian	5
ITA 21*	Introduction to Italian Culture	3
JA 2*	Elementary Japanese	5
JA 3*	Intermediate Japanese	5
JA 4*	Intermediate Japanese	5
JA 21*	Introduction to Japanese Culture	3
KOR 2*	Elementary Korean	5
KOR 3*	Intermediate Korean	5
KOR 4*	Intermediate Korean	5
KOR 21*	Introduction to Korean Culture	3
PHIL 1	Introduction to Philosophy	3
or		
PHIL 1H	Honors Introduction to Philosophy	3
PHIL 5	History of Modern Philosophy	3
PHIL 10	World Religions	3
PHIL 14*	Philosophy of Religion	3
PHIL 15	Introduction to Ethics	3
PORT 2*	Elementary Portuguese	5
PORT 3*	Intermediate Portuguese	5
PORT 4*	Intermediate Portuguese	5
PRSN 2*	Elementary Persian	5
PRSN 3*	Intermediate Persian	5
PRSN 4*	Intermediate Persian	5
PRSN 21*	Introduction to Persian Culture	3
SL 2*	American Sign Language II	4
SL 3*	American Sign Language III	4
SL 4*	American Sign Language IV	4
SPAN 2*	Elementary Spanish	5
or		
SPAN 2H*	Honors Elementary Spanish	5
SPAN 3*	Intermediate Spanish	5
SPAN 4*	Intermediate Spanish	5
SPAN 11*	Advanced Conversational Spanish	3
SPAN 20A*	Civilization of Spain through 1898	3
SPAN 20B*	Civilization of Spain 1898 to Present	3
SPAN 21A*	Civilization of Latin America through 1900	3

HON 13H*	Honors Culture, Science, Society - Power, Resistance, Empire	3
HON 14H*	Honors Culture, Science, Society - Transformation of Empire	3
HUM 1	Introduction to Humanities	3
HUM 2	Origins of Western Culture in Literature	3
HUM 21	The Search for Meaning - Ideas of Self Across Cultures	3
ITA 2*	Elementary Italian	5
ITA 21*	Introduction to Italian Culture	3
JA 2*	Elementary Japanese	5
JA 3*	Intermediate Japanese	5
JA 4*	Intermediate Japanese	5
JA 21*	Introduction to Japanese Culture	3
KOR 2*	Elementary Korean	5
KOR 3*	Intermediate Korean	5
KOR 4*	Intermediate Korean	5
KOR 21*	Introduction to Korean Culture	3
PHIL 1	Introduction to Philosophy	3
or		
PHIL 1H	Honors Introduction to Philosophy	3
PHIL 5	History of Modern Philosophy	3
PHIL 10	World Religions	3
PHIL 14*	Philosophy of Religion	3
PHIL 15	Introduction to Ethics	3
PRSN 2*	Elementary Persian	5
PRSN 3*	Intermediate Persian	5
PRSN 4*	Intermediate Persian	5
PRSN 21*	Introduction to Persian Culture	3
SL 2*	American Sign Language II	4
SL 3*	American Sign Language III	4
SL 4*	American Sign Language IV	4
SPAN 2*	Elementary Spanish	5
or		
SPAN 2H*	Honors Elementary Spanish	5
SPAN 3*	Intermediate Spanish	5
SPAN 4*	Intermediate Spanish	5
SPAN 11*	Advanced Conversational Spanish	3
SPAN 20A*	Civilization of Spain through 1898	3
SPAN 20B*	Civilization of Spain 1898 to Present	3
SPAN 21A*	Civilization of Latin America through 1900	3

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SPAN 21B*	Civilization of Latin America 1900-Present	3
SPAN 21C*	Hispanic Culture and Literature in the United States	3

SPAN 21B*	Civilization of Latin America 1900-Present	3
SPAN 21C*	Hispanic Culture and Literature in the United States	3

Area 4: Social and Behavioral Sciences (Complete two courses - minimum 6 semester or 8 quarter units) Complete two courses from two different academic disciplines.

ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
ANTH 3*	Culture and Language	3
ANTH 4‡	Introduction to Native American Studies	3
or		
ES 4‡	Introduction to Native American Studies	3
ANTH 5	Anthropology of Latin America – Culture, Identity, and Power	3
ANTH 8	World Prehistory	3
ANTH 9	Introduction to Archaeology	3
ANTH 13	Magic, Witchcraft, and Religion	3
ANTH 15	The World of Primates	3
ANTH 17	The Biological Evolution of Human Nature	3
ANTH 22	Medical Anthropology - Culture, Health, and Healing	3
CDEV 7	Child Growth and Development	3
CDEV 15	Child, Family, and Community	3
COMM 20+	Intercultural Communication	3
CTVR 1	Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
ECON 2*	Principles (Macro)	3
or		
ECON 2H*	Honors Principles of Macroeconomics	3
ECON 4*	Principles (Micro)	3
or		
ECON 4H*	Honors Principles of Microeconomics	3
ECON 11	International Political Economy	3
or		
PS 11	International Political Economy	3
ENV 1	Introduction to Environmental Studies	3
or		
ENV 1H	Honors Introduction to Environmental Studies	3
ENV 6*	Scarcity and Environment	3
ES 1‡	Introduction to Ethnic Studies	3
or		
ES 1H	Honors Introduction to Ethnic Studies	3
ES 3‡	Introduction to Chicanx and Latinx Studies	3

Area 4: Social and Behavioral Sciences (Complete two courses - minimum 6 semester or 8 quarter units) Complete two courses from two different academic disciplines.

ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
ANTH 3*	Culture and Language	3
ANTH 4‡	Introduction to Native American Studies	3
or		
ES 4‡	Introduction to Native American Studies	3
ANTH 5	Anthropology of Latin America – Culture, Identity, and Power	3
ANTH 8	World Prehistory	3
ANTH 9	Introduction to Archaeology	3
ANTH 13	Magic, Witchcraft, and Religion	3
ANTH 22	Medical Anthropology - Culture, Health, and Healing	3
CDEV 15	Child, Family, and Community	3
CDEV C1000	Child Growth and Development	3
COMM 20+	Intercultural Communication	3
CTVR 1	Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
ECON C2001*	Principles of Microeconomics	3
or		
ECON C2001H*	Principles of Microeconomics - Honors	3
ECON C2002*	Principles of Macroeconomics	3
or		
ECON C2002H*	Principles of Macroeconomics - Honors	3
ECON 11	International Political Economy	3
or		
PS 11	International Political Economy	3
ENV 1	Introduction to Environmental Studies	3
or		
ENV 1H	Honors Introduction to Environmental Studies	3
ENV 6*	Scarcity and Environment	3
ES 1‡	Introduction to Ethnic Studies	3
or		
ES 1H	Honors Introduction to Ethnic Studies	3
ES 3‡	Introduction to Chicanx and Latinx Studies	3

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ES 4‡	Introduction to Native American Studies	3
or		
ANTH 4‡	Introduction to Native American Studies	3
ES 6	Borders and Borderlands	3
ES 9	Racial and Ethnic Groups in the United States	3
or		
SOC 9	Racial and Ethnic Groups in the United States	3
ES 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
ES 11	Ethnic Studies, Space, and Social Justice	3
or		
GEOG 11	Ethnic Studies, Space, and Social Justice	3
ES 33	Chicanx - Latinx United States History	3
or		
HIST 33	Chicanx - Latinx United States History	3
ES 81	African American United States History	3
or		
HIST 81	African American United States History	3
GEOG 2	Cultural Geography	3
or		
GEOG 2H	Honors Cultural Geography	3
GEOG 3	World Regional Geography	3
GEOG 11	Ethnic Studies, Space, and Social Justice	3
or		
ES 11	Ethnic Studies, Space, and Social Justice	3
GEOG 38	California Geography	3
GLST 1*	Introduction to Global Studies	3
GLST 2*	Global Issues	3
GSS 10	Introduction to Gender and Sexuality Studies	3
or		
GSS 10H	Honors Intro to Gender and Sexuality Studies	3
GSS 11H	Honors Introduction to Feminist Theory	3
GSS 15	Introduction to Queer Studies	3
GSS 31	Gender and Popular Culture	3
GSS 60	Gender, Race, Sexuality and the Law	3
or		
PS 60	Gender, Race, Sexuality and the Law	3
HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
ES 10	Race, Ethnicity, and Resistance in the U.S.	3

ES 4‡	Introduction to Native American Studies	3
or		
ANTH 4‡	Introduction to Native American Studies	3
ES 6	Borders and Borderlands	3
ES 9	Racial and Ethnic Groups in the United States	3
or		
SOC 9	Racial and Ethnic Groups in the United States	3
ES 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
ES 11	Ethnic Studies, Space, and Social Justice	3
or		
GEOG 11	Ethnic Studies, Space, and Social Justice	3
ES 33	Chicanx - Latinx United States History	3
or		
HIST 33	Chicanx - Latinx United States History	3
ES 81	African American United States History	3
or		
HIST 81	African American United States History	3
GEOG 2	Cultural Geography	3
or		
GEOG 2H	Honors Cultural Geography	3
GEOG 3	World Regional Geography	3
GEOG 11	Ethnic Studies, Space, and Social Justice	3
or		
ES 11	Ethnic Studies, Space, and Social Justice	3
GEOG 38	California Geography	3
GLST 1*	Introduction to Global Studies	3
GLST 2*	Global Issues	3
GSS 10	Introduction to Gender and Sexuality Studies	3
or		
GSS 10H	Honors Intro to Gender and Sexuality Studies	3
GSS 11H	Honors Introduction to Feminist Theory	3
GSS 15	Introduction to Queer Studies	3
GSS 31	Gender and Popular Culture	3
GSS 60	Gender, Race, Sexuality and the Law	3
or		
PS 60	Gender, Race, Sexuality and the Law	3
HIST 10	Race, Ethnicity, and Resistance in the U.S.	3
or		
ES 10	Race, Ethnicity, and Resistance in the U.S.	3

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HIST 11	Perspectives of Peace Studies	3	HIST 11	Perspectives of Peace Studies	3
HIST 12	Revolutions and Revolts	3	HIST 12	Revolutions and Revolts	3
HIST 15	The Vietnam War	3	HIST 15	The Vietnam War	3
HIST 16+‡	History of the United States to 1876	3	HIST C1001+‡	<u>United States History to 1877</u>	3
HIST 17+‡	History of the United States Since 1876	3	HIST C1002+‡	<u>United States History since 1865</u>	3
HIST 19	United States Since 1945	3	HIST 19	United States Since 1945	3
HIST 21	Women in United States History - A Multicultural Perspective	3	HIST 21	Women in United States History - A Multicultural Perspective	3
HIST 22+	Survey of United States History	3	HIST 22+	Survey of United States History	3
HIST 27	Latin America - Pre-European to Independent Nationhood	3	HIST 27	Latin America - Pre-European to Independent Nationhood	3
HIST 28	Latin America – 1800 to the Present	3	HIST 28	Latin America – 1800 to the Present	3
HIST 30‡	History of Mexico	3	HIST 30‡	History of Mexico	3
HIST 32	California History	3	HIST 32	California History	3
HIST 33	Chicanx - Latinx United States History	3	HIST 33	Chicanx - Latinx United States History	3
or			or		
ES 33	Chicanx - Latinx United States History	3	ES 33	Chicanx - Latinx United States History	3
HIST 62	European History to 1650	3	HIST 62	European History to 1650	3
HIST 63	European History Since 1650	3	HIST 63	European History Since 1650	3
HIST 70‡	History of Asia to 1800	3	HIST 70‡	History of Asia to 1800	3
HIST 71‡	History of Asia Since 1800	3	HIST 71‡	History of Asia Since 1800	3
HIST 72‡	History of China	3	HIST 72‡	History of China	3
HIST 74	History of the Middle East to 1800	3	HIST 74	History of the Middle East to 1800	3
HIST 75‡	History of the Modern Middle East	3	HIST 75‡	History of the Modern Middle East	3
HIST 78	History of Japan	3	HIST 78	History of Japan	3
HIST 80	Introduction to Contemporary Africa	3	HIST 80	Introduction to Contemporary Africa	3
or			or		
PS 80	Introduction to Contemporary Africa	3	PS 80	Introduction to Contemporary Africa	3
HIST 81	African American United States History	3	HIST 81	African American United States History	3
or			or		
ES 81	African American United States History	3	ES 81	African American United States History	3
JRN 1	Mass Media and Society	3	JRN 1	Mass Media and Society	3
or			or		
CTVR 1	Mass Media and Society	3	CTVR 1	Mass Media and Society	3
KNES 46	Sports and Society	3	KNES 46	Sports and Society	3
POLS C1000	American Government and Politics	3	POLS C1000	American Government and Politics	3
or			or		
POLS C1000H	American Government and Politics - Honors	3	POLS C1000H	American Government and Politics - Honors	3
PS 4	Introduction to Political Science	3	PS 4	Introduction to Political Science	3
PS 10H	Honors Political Theory	3	PS 10H	Honors Political Theory	3
PS 11	International Political Economy	3	PS 11	International Political Economy	3
or			or		
ECON 11	International Political Economy	3	ECON 11	International Political Economy	3
PS 12	Comparative Politics and Government	3	PS 12	Comparative Politics and Government	3

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PS 14	International Relations	3
PS 45	Human Rights in a Globalized World	3
PS 60	Gender, Race, Sexuality and the Law	3
or		
GSS 60	Gender, Race, Sexuality and the Law	3
PS 65	Introduction to Race and Ethnicity in Political Science	3
PS 80	Introduction to Contemporary Africa	3
or		
HIST 80	Introduction to Contemporary Africa	3
PSYC C1000	Introduction to Psychology	3
or		
PSYC C1000H	Introduction to Psychology - Honors	3
PSYC 2*	Research Methods in Psychology	3
or		
PSYC 2H*	Honors Research Methods in Psychology	3
PSYC 4	Introduction to Cognitive Psychology	3
PSYC 5*	Psychological Aspects of Human Sexuality	3
PSYC 7*	Developmental Psychology – Childhood Through Adolescence	3
PSYC 16*	Introduction to Cross-Cultural Psychology	3
PSYC 21	The Psychology of Women	3
PSYC 25*	Psychology of Aging	3
PSYC 30*	Social Psychology	3
or		
SOC 30*	Social Psychology	3
PSYC 33	Psychology of Adjustment	3
PSYC 37*	Abnormal Behavior	3
SOC 1	Introduction to Sociology	3
or		
SOC 1H	Honors Introduction to Sociology	3
SOC 2	Social Problems	3
or		
SOC 2H	Honors Social Problems	3
SOC 9	Racial and Ethnic Groups in the United States	3
or		
ES 9	Racial and Ethnic Groups in the United States	3
SOC 10	Introduction to Marriage and the Family	3
SOC 12	Sociology of Aging	3
SOC 15*	Socialization of the Child	3
SOC 16	Death and Dying	3
SOC 18	Introduction to Aging	3
SOC 21	Women in Contemporary Society	3
SOC 23	Food and Society	3
SOC 25	Social Stratification	3

PS 14	International Relations	3
PS 45	Human Rights in a Globalized World	3
PS 60	Gender, Race, Sexuality and the Law	3
or		
GSS 60	Gender, Race, Sexuality and the Law	3
PS 65	Introduction to Race and Ethnicity in Political Science	3
PS 80	Introduction to Contemporary Africa	3
or		
HIST 80	Introduction to Contemporary Africa	3
PSYC C1000	Introduction to Psychology	3
or		
PSYC C1000H	Introduction to Psychology - Honors	3
PSYC 2*	Research Methods in Psychology	3
or		
PSYC 2H*	Honors Research Methods in Psychology	3
PSYC 4	Introduction to Cognitive Psychology	3
PSYC 5*	Psychological Aspects of Human Sexuality	3
PSYC 7*	Developmental Psychology – Childhood Through Adolescence	3
PSYC 16*	Introduction to Cross-Cultural Psychology	3
PSYC 21	The Psychology of Women	3
PSYC 25*	Psychology of Aging	3
PSYC 30*	Social Psychology	3
or		
SOC 30*	Social Psychology	3
PSYC 33	Psychology of Adjustment	3
PSYC 37*	Abnormal Behavior	3
<u>SOCI C1000</u>	Introduction to Sociology	3
or		
<u>SOCI C1000H</u>	Introduction to Sociology - Honors	3
SOC 2	Social Problems	3
or		
SOC 2H	Honors Social Problems	3
SOC 9	Racial and Ethnic Groups in the United States	3
or		
ES 9	Racial and Ethnic Groups in the United States	3
SOC 10	Introduction to Marriage and the Family	3
SOC 12	Sociology of Aging	3
SOC 15*	Socialization of the Child	3
SOC 16	Death and Dying	3
SOC 18	Introduction to Aging	3
SOC 21	Women in Contemporary Society	3
SOC 23	Food and Society	3
SOC 25	Social Stratification	3

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SOC 30	Social Psychology	3
or		
PSYC 30	Social Psychology	3

SOC 30	Social Psychology	3
or		
PSYC 30	Social Psychology	3

Area 5: Physical and Biological Sciences (Complete two courses - minimum 7 semester or 9 quarter units)

Complete one course from Area 5A (Physical Science) and one course from Area 5B (Biological Science). One course MUST include a laboratory (Area 5C).

5A. Physical Science

ASTR 20	General Astronomy	3
ASTR 21	The Solar System	3
or		
GEOL 21	The Solar System	3
CHEM 1A*+	General Chemistry	5
CHEM 1B*+	General Chemistry	5
CHEM 3*+	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 12A*	Organic Chemistry	5
CHEM 12B*	Organic Chemistry	5
ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	4
ENV 38	Water Quality and Monitoring	3
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
GEOL 1+	Introduction to Physical Geology	4
GEOL 2*	Historical Geology	4
GEOL 3	Geology of California	3
GEOL 4	Natural Disasters	3
GEOL 7	Weather and Climate	3
GEOL 20	Introduction to Earth Science	4
GEOL 21	The Solar System	3
or		
ASTR 21	The Solar System	3
GEOL 23	Environmental Geology	4
or		
ENV 23	Environmental Geology	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*+	Introduction to Physics	5
PHYS 2B*+	Introduction to Physics	5
PHYS 4A*+	General Physics	5
PHYS 4B*+	General Physics	5
PHYS 4C*+	General Physics	5
PHYS 20+	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

Area 5: Physical and Biological Sciences (Complete two courses - minimum 7 semester or 9 quarter units)

Complete one course from Area 5A (Physical Science) and one course from Area 5B (Biological Science). One course MUST include a laboratory (Area 5C).

5A. Physical Science

ASTR <u>C1001</u>	Introduction to Astronomy	3
ASTR 21	The Solar System	3
or		
GEOL 21	The Solar System	3
CHEM 1A*+	General Chemistry	5
CHEM 1B*+	General Chemistry	5
CHEM 3*+	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 12A*	Organic Chemistry	5
CHEM 12B*	Organic Chemistry	5
ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	4
ENV 38	Water Quality and Monitoring	3
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
GEOL 1+	Introduction to Physical Geology	4
GEOL 2*	Historical Geology	4
GEOL 3	Geology of California	3
GEOL 4	Natural Disasters	3
GEOL 7	Weather and Climate	3
GEOL 20	Introduction to Earth Science	4
GEOL 21	The Solar System	3
or		
ASTR 21	The Solar System	3
GEOL 23	Environmental Geology	4
or		
ENV 23	Environmental Geology	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*+	Introduction to Physics	5
PHYS 2B*+	Introduction to Physics	5
PHYS 4A*+	General Physics	5
PHYS 4B*+	General Physics	5
PHYS 4C*+	General Physics	5
PHYS 20+	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

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5B. Biological Science

ANTH 1	Biological Anthropology	3
or		
ANTH 1H	Honors Biological Anthropology	3
BIO 3C*	Biochemistry and Molecular Biology	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
BIO 20+	Introduction to Biology	4
BIO 28	Plants and Human Affairs	3
BIO 30*	Human Biology	3
BIO 31	Biology of Plants	4
BIO 40	Evolution	3
BIO 43*	Animal Behavior	3
BIO 45*	Biology of Human Disease	3
ENV 5	Biodiversity Conservation	3
ENV 18	Introduction to Ecology	4
ENV 24	Natural History of California	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
PSYC 3*	Biological Psychology	4

5C. Laboratory

ANTH 1L*	Biological Anthropology Laboratory	1
ASTR 25*	Observational Astronomy	3
BIO 3C*	Biochemistry and Molecular Biology	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
BIO 20+	Introduction to Biology	4
BIO 31	Biology of Plants	4
CHEM 1A*+	General Chemistry	5
CHEM 1B*+	General Chemistry	5
CHEM 3*+	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 12A*	Organic Chemistry	5
CHEM 12B*	Organic Chemistry	5
ENV 18	Introduction to Ecology	4

5B. Biological Science

ANTH C1001	Introduction to Biological Anthropology	3
or		
ANTH C1001H	Introduction to Biological Anthropology - Honors	3
BIO 3C*	Biochemistry and Molecular Biology	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
BIOL C1000+	Introduction to Biology with Lab	4
BIO 28	Plants and Human Affairs	3
BIO 30*	Human Biology	3
BIO 31	Biology of Plants	4
BIO 40	Evolution	3
BIO 43*	Animal Behavior	3
BIO 45*	Biology of Human Disease	3
ENV 5	Biodiversity Conservation	3
ENV 18	Introduction to Ecology	4
ENV 24	Natural History of California	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
PSYC 3*	Biological Psychology	4

5C. Laboratory

ANTH C1001L*	Biological Anthropology Lab	1
ASTR 25*	Observational Astronomy	3
BIO 3C*	Biochemistry and Molecular Biology	5
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
BIOL C1000+	Introduction to Biology with Lab	4
BIO 31	Biology of Plants	4
CHEM 1A*+	General Chemistry	5
CHEM 1B*+	General Chemistry	5
CHEM 3*+	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 12A*	Organic Chemistry	5
CHEM 12B*	Organic Chemistry	5
ENV 18	Introduction to Ecology	4

SADDLEBACK COLLEGE
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ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	1
ENV 24	Natural History of California	4
GEOG 1L*	Physical Geography Laboratory	1
GEOL 1+	Introduction to Physical Geology	4
GEOL 2*	Historical Geology	4
GEOL 20	Introduction to Earth Science	4
GEOL 23	Environmental Geology	1
or		
ENV 23	Environmental Geology	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*+	Introduction to Physics	5
PHYS 2B*+	Introduction to Physics	5
PHYS 4A*+	General Physics	5
PHYS 4B*+	General Physics	5
PHYS 4C*+	General Physics	5
PHYS 20+	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

Area 6: Ethnic Studies (Complete one course - minimum 3 semester or 4 quarter units)

ANTH 4‡	Introduction to Native American Studies	3
ES 1‡	Introduction to Ethnic Studies	3
ES 3‡	Introduction to Chicanx and Latinx Studies	3
ES 4‡	Introduction to Native American Studies	3

Total Units for the Certificate 34

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

+UC credit may be limited. (1) No credit given for an introductory course if taken after a more advanced college course, e.g. BIO 20 or GEOL 20, and (2) credit may be limited for courses with overlapping content, e.g. HIST 16, 17, 22, or MATH 2, 7, 8.

‡Course may be listed in more than one area, but shall not be certified in more than one area.

Cal-GETC credit can be granted for some courses with an AP Exam score of 3, 4, or 5. See the college catalog for additional information.

ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	1
ENV 24	Natural History of California	4
GEOG 1L*	Physical Geography Laboratory	1
GEOL 1+	Introduction to Physical Geology	4
GEOL 2*	Historical Geology	4
GEOL 20	Introduction to Earth Science	4
GEOL 23	Environmental Geology	1
or		
ENV 23	Environmental Geology	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*+	Introduction to Physics	5
PHYS 2B*+	Introduction to Physics	5
PHYS 4A*+	General Physics	5
PHYS 4B*+	General Physics	5
PHYS 4C*+	General Physics	5
PHYS 20+	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

Area 6: Ethnic Studies (Complete one course - minimum 3 semester or 4 quarter units)

ANTH 4‡	Introduction to Native American Studies	3
ES 1‡	Introduction to Ethnic Studies	3
ES 3‡	Introduction to Chicanx and Latinx Studies	3
ES 4‡	Introduction to Native American Studies	3

Total Units for the Certificate 34

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

+UC credit may be limited. (1) No credit given for an introductory course if taken after a more advanced college course, e.g. BIO 20 or GEOL 20, and (2) credit may be limited for courses with overlapping content, e.g. HIST 16, 17, 22, or MATH 2, 7, 8.

‡Course may be listed in more than one area, but shall not be certified in more than one area.

Cal-GETC credit can be granted for some courses with an AP Exam score of 3, 4, or 5. See the college catalog for additional information.

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Computer Science
Associate of Science**

The curriculum in the Computer Science Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering a major in computer science, earning the associate degree would demonstrate achievement and may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Apply critical thinking skills in the analysis of a variety of programming problems.
- Create a correctly functioning program from a previously designed solution to a given programming problem.
- Complete a programming project with multiple programs, working individually and as part of a group.

Required Core:

CS 1A	Introduction to Computer Science I	3.5
CS 1B*	Introduction to Computer Science II	3.5
Select one		
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
CS 1C*	Introduction to Computer Science III	3.5
MATH 3B*	Analytic Geometry and Calculus	5
CS 3A*	Computer Organization and Machine Language	3.5
CS 1D*	Data Structures	3.5
CS 3B*	Computer Organization and Assembly Language	3.5

Restricted Electives: Select one course

CS 4A*	Introduction to Java for Computer Science	3.5
CS 4B*	Advanced Topics in Java for Computer Science	3.5
ET 114*	Digital Electronic Circuits	4

Total Units for the Major 34.5-35

*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.

**Revised
Computer Science
Associate of Science**

The curriculum in the Computer Science Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering a major in computer science, earning the associate degree would demonstrate achievement and may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Apply critical thinking skills in the analysis of a variety of programming problems.
- Create a correctly functioning program from a previously designed solution to a given programming problem.
- Complete a programming project with multiple programs, working individually and as part of a group.

Required Core:

CS 1A	Introduction to Computer Science I	3.5
CS 1B*	Introduction to Computer Science II	3.5
Select one		
MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	5
CS 1C*	Introduction to Computer Science III	3.5
MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
CS 3A*	Computer Organization and Machine Language	3.5
CS 1D*	Data Structures	3.5
CS 3B*	Computer Organization and Assembly Language	3.5

Restricted Electives: Select one course

CS 4A*	Introduction to Java for Computer Science	3.5
CS 4B*	Advanced Topics in Java for Computer Science	3.5
ET 114*	Digital Electronic Circuits	4

Total Units for the Major 34.5-35

*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
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ACADEMIC YEAR 2026-2027

**Current
Creative Writing
Associate of Arts**

The Creative Writing Associate of Arts degree is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree can be attained in majors related to this field, earning the Associate degree would enable students to develop skill and creativity along with critical judgment of literary forms as they compose their own nonfiction, short stories, novels, poems, and plays in Saddleback's creative writing courses. Students earning the Creative Writing Associate of Arts degree may transfer into degree programs such as: Creative Writing, English, English Literature, and English Education.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate the professional habits of creative writers: revision, workshopping, and submission for publication
- Use techniques from more than one genre in order to craft a variety of creative writing pieces
- Consider the role that current and historical context plays in the creation and interpretation of literary works
- Read, analyze, interpret, and produce texts in a variety of genres

Required Core

Select one

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

Select one

~~ENG 25*~~ Introduction to Literature 3

or

~~ENG 25H*~~ ~~Honors~~ Introduction to Literature 3

ENG 3 Introduction to Creative Writing 3

Select one

ENG 17A Survey of English Literature - Beowulf to Romantic Movement 3

or

ENG 17B Survey of English Lit - Romantic Movement to the Present 3

Restricted Electives

Area 1: Select two courses

ENG 4 Fiction Fundamentals 3

ENG 6* Introduction to Creative Nonfiction 3

ENG 9* Introduction to Writing Poetry 3

Area 2: Select two courses

ENG 15A Survey of American Literature - 1620-1860 3

ENG 15B Survey of American Literature - 1860-Contemporary 3

ENG 18 Shakespeare - The Tragedies 3

ENG 21A World Literature - Ancient to 17th Century 3

ENG 21B World Literature - 17th Century to Modern Period 3

ENG 22 Introduction to Shakespeare 3

ENG 22H Honors Introduction to Shakespeare 3

**Revised
Creative Writing
Associate of Arts**

The Creative Writing Associate of Arts degree is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree can be attained in majors related to this field, earning the Associate degree would enable students to develop skill and creativity along with critical judgment of literary forms as they compose their own nonfiction, short stories, novels, poems, and plays in Saddleback's creative writing courses. Students earning the Creative Writing Associate of Arts degree may transfer into degree programs such as: Creative Writing, English, English Literature, and English Education.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate the professional habits of creative writers: revision, workshopping, and submission for publication
- Use techniques from more than one genre in order to craft a variety of creative writing pieces
- Consider the role that current and historical context plays in the creation and interpretation of literary works
- Read, analyze, interpret, and produce texts in a variety of genres

Required Core

Select one

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

Select one

ENGL C1002* Introduction to Literature 3

or

ENGL C1002H* Introduction to Literature - Honors 3

Complete

ENG 3 Introduction to Creative Writing 3

Select one

ENG 17A Survey of English Literature - Beowulf to Romantic Movement 3

or

ENG 17B Survey of English Lit - Romantic Movement to the Present 3

Restricted Electives

Area 1: Select two courses

ENG 4 Fiction Fundamentals 3

ENG 6* Introduction to Creative Nonfiction 3

ENG 9* Introduction to Writing Poetry 3

Area 2: Select two courses

ENG 15A Survey of American Literature - 1620-1860 3

ENG 15B Survey of American Literature - 1860-Contemporary 3

ENG 18 Shakespeare - The Tragedies 3

ENG 21A World Literature - Ancient to 17th Century 3

ENG 21B World Literature - 17th Century to Modern Period 3

ENG 22 Introduction to Shakespeare 3

ENG 22H Honors Introduction to Shakespeare 3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 27A	Introduction to the Novel	3
ENG 27AH	Honors Introduction to the Novel	3
ENG 42	Children's Literature	3
ENG 44	Classical Mythology	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3
ENG 107*	Writing the Fiction and/or Nonfiction Book	3
ENG 160*	Literary Magazine	3

Total Units for the Major 25

*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.

ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 27A	Introduction to the Novel	3
ENG 27AH	Honors Introduction to the Novel	3
ENG 42	Children's Literature	3
ENG 44	Classical Mythology	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3
ENG 107*	Writing the Fiction and/or Nonfiction Book	3
ENG 160*	Literary Magazine	3

Total Units for the Major 25

*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 2026-2027

**Current
Dance
Associate of Arts**

The curriculum in the Dance degree is presented in an active learning environment where students are trained in both dance technique and theory classes to prepare them for future careers in the performing arts and related fields. Courses cover major dance technique forms, choreography, dance production, dance history and somatic practices. Upon completion of the Dance A.A. degree, students will be prepared to transfer to a four-year institution to pursue a baccalaureate or higher degree in dance or a related field; colleges to which they might considering transferring include CSU Dominguez Hills, CSU Los Angeles, SFSU, CSU Sonoma, UC Berkeley, UC Davis, UC Riverside and UC San Diego. Some B.A./B.F.A in Dance programs require an audition; students should check the transfer requirements for individual schools. While a baccalaureate degree is recommended, students completing their Dance A.A. will also be eligible to audition and apply for opportunities in the dance field, including as a performer with professional companies or touring productions, a teacher at a dance studio, or a choreographer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate fundamental positions and qualities with body awareness and alignment in rehearsal and/or performance specific to the technique given in class.
- Perform movement combinations with performance quality, strength, rhythm, balance and flexibility specific to the technique assigned.
- Accurately apply dance terminology, vocabulary, and concepts through writing, performance and/or various forms of expression.
- Identify technical support through the staging of choreographic works in a dance performance.
- Create dances using phrasing, variations, abstraction and other elements of design for a theatrical or informal performance.
- Describe particular dance forms.
- Make connections between dance and the arts and humanities to demonstrate knowledge and an appreciation of factors that influenced and helped to mold various dance forms.

Required Core

DANC 9	Choreography	3
Select one		
DANC 10	Dance Production	1
or		
DANC 10	Dance Production	2
or		
DANC 11	Dance Rehearsal and Performance	1
or		
DANC 11	Dance Rehearsal and Performance	2
Select one		
DANC 12*	Intermediate Dance Production	1
or		
DANC 14*	Intermediate Dance Rehearsal and Performance	1

**Revised
Dance
Associate of Arts**

The curriculum in the Dance degree is presented in an active learning environment where students are trained in both dance technique and theory classes to prepare them for future careers in the performing arts and related fields. Courses cover major dance technique forms, choreography, dance production, dance history and somatic practices. Upon completion of the Dance A.A. degree, students will be prepared to transfer to a four-year institution to pursue a baccalaureate or higher degree in dance or a related field; colleges to which they might considering transferring include CSU Dominguez Hills, CSU Los Angeles, SFSU, CSU Sonoma, UC Berkeley, UC Davis, UC Riverside and UC San Diego. Some B.A./B.F.A in Dance programs require an audition; students should check the transfer requirements for individual schools. While a baccalaureate degree is recommended, students completing their Dance A.A. will also be eligible to audition and apply for opportunities in the dance field, including as a performer with professional companies or touring productions, a teacher at a dance studio, or a choreographer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate fundamental positions and qualities with body awareness and alignment in rehearsal and/or performance specific to the technique given in class.
- Perform movement combinations with performance quality, strength, rhythm, balance and flexibility specific to the technique assigned.
- Accurately apply dance terminology, vocabulary, and concepts through writing, performance and/or various forms of expression.
- Identify technical support through the staging of choreographic works in a dance performance.
- Create dances using phrasing, variations, abstraction and other elements of design for a theatrical or informal performance.
- Describe particular dance forms.
- Make connections between dance and the arts and humanities to demonstrate knowledge and an appreciation of factors that influenced and helped to mold various dance forms.

Required Core

DANC 9	Choreography	3
Select one		
DANC 10	Dance Production	<u>1-2</u>
or		
DANC 11	Dance Rehearsal and Performance	<u>1-2</u>
Select one		
DANC 12*	Intermediate Dance Production	1
or		
DANC 14*	Intermediate Dance Rehearsal and Performance	1

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Select one

~~DANC 52 Ballet Dancing Level I 1~~

or

DANC 52 Ballet Dancing Level I 1-5

Select one

~~DANC 53* Intermediate Ballet 1~~

or

DANC 53* Intermediate Ballet 1-5

DANC 54 Introduction to Modern Dance 1.5

DANC 55* Modern Dance Level I 1.5

DANC 57 Introduction to Jazz Dancing 1.5

DANC 58 Jazz Dancing Level I 1.5

DANC 64 History of Dance 3

DANC 78 Hip Hop 1

DANC 79* Hip Hop Level I 1

DANC 80* Intermediate Hip Hop 1

Restricted Electives (5-6 units):

DANC 8 Dance Pedagogy 3

~~DANC 15* Repertory I 1~~

or

DANC 15* Repertory I 2

DANC 16* Repertory II 1

DANC 17 Site Specific Performance 1

DANC 18* Dance Ensemble Performance 2

DANC 19* Choreography II 3

DANC 28 Yoga for Dancers 1.5

~~DANC 51 Introduction to Ballet 1~~

or

DANC 51 Introduction to Ballet 1-5

~~DANC 59* Intermediate Jazz Dancing 1~~

or

DANC 59* Intermediate Jazz Dancing 1-5

DANC 60 Introduction to Tap Dancing 1

DANC 61 Tap Dancing Level I 1

DANC 62* Intermediate Tap Dancing 1

DANC 63 Exercise for Dancers 1

KNES 65 Introduction to Mat Pilates 1

or

~~KNES 65 Introduction to Mat Pilates 1-5~~

DANC 66 Introduction to Latin Dance 1

~~DANC 67* Pointe Ballet 1~~

or

DANC 67* Pointe Ballet 1-5

DANC 68 Introduction to Social Dance 1

DANC 69* Intermediate Social Dance 1

DANC 70* Intermediate Latin Dance 1

~~DANC 71* Advanced Ballet 1~~

or

DANC 71* Advanced Ballet 1-5

~~DANC 72* Advanced Modern Dance 1~~

or

DANC 72* Advanced Modern Dance 1-5

DANC 52 Ballet Dancing Level I 1-1.5

DANC 53* Intermediate Ballet 1-1.5

DANC 54 Introduction to Modern Dance 1.5

DANC 55* Modern Dance Level I 1.5

DANC 57 Introduction to Jazz Dancing 1.5

DANC 58 Jazz Dancing Level I 1.5

DANC 64 History of Dance 3

DANC 78 Hip Hop 1

DANC 79* Hip Hop Level I 1

DANC 80* Intermediate Hip Hop 1

Restricted Electives (5-6 units):

DANC 8 Dance Pedagogy 3

DANC 15* Repertory I 1-2

DANC 16* Repertory II 1

DANC 17 Site Specific Performance 1

DANC 18* Dance Ensemble Performance 2

DANC 19* Choreography II 3

DANC 28 Yoga for Dancers 1.5

DANC 51 Introduction to Ballet 1-1.5

~~DANC 56* Intermediate Modern Dance 1-1.5~~

DANC 59* Intermediate Jazz Dancing 1-1.5

DANC 60 Introduction to Tap Dancing 1

DANC 61 Tap Dancing Level I 1

DANC 62* Intermediate Tap Dancing 1

DANC 63 Exercise for Dancers 1

KNES 65 Introduction to Mat Pilates 1-1.5

DANC 66 Introduction to Latin Dance 1

DANC 67* Pointe Ballet 1-1.5

DANC 68 Introduction to Social Dance 1

DANC 69* Intermediate Social Dance 1

DANC 70* Intermediate Latin Dance 1

DANC 71* Advanced Ballet 1-1.5

DANC 72* Advanced Modern Dance 1-1.5

DANC 73* Advanced Jazz Dance 1-1.5

DANC 74 Multicultural Dance History in the United States 3

DANC 75* Advanced Tap Dance 1

DANC 81* Advanced Hip Hop 1

DANC 82 African Dance I 1

DANC 83 African Dance II 1

DANC 84 Middle Eastern Dance 1

DANC 85 Introduction to World Dance and Cultures 1

ETT 41* Lighting Design Fundamentals 3

ETT 42 Costume Design 3

Total Units for the Major 24-27

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

~~DANC 73* Advanced Jazz Dance 1~~
~~or~~

DANC 73*	Advanced Jazz Dance	1 5
DANC 74	Multicultural Dance History in the United States	3
DANC 75*	Advanced Tap Dance	1
DANC 81*	Advanced Hip Hop	1
DANC 82	African Dance I	1
DANC 83	African Dance II	1
DANC 84	Middle Eastern Dance	1
DANC 85	Introduction to World Dance and Cultures	1
ETT 41*	Lighting Design Fundamentals	3
ETT 42	Costume Design	3

Total Units for the Major 24-27

*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

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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

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Early Childhood Teacher
Certificate of Achievement

Foundational theories of children's development and learning as well as appropriate strategies for teaching and caring for children ages birth to 8 will be studied and applied. Family collaboration, cultural sensitivity, and relationship-based practice will be emphasized. This certificate prepares students to provide competent and effective care and instruction of children in a variety of early childhood settings. It also meets the education requirements of the Teacher level of the Child Development Permit issued by the California Commission on Teacher Credentialing (CTC). Additional working experience with children is required to obtain the Permit.

A passing grade in each course is required to receive the certificate and/or qualify for the Child Development Permit.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Describe developmental milestones for children in the areas of physical, psychosocial, cognitive, and language development.
- Identify environmental, cultural, familial, economic, political, and historical contexts that influence all children's development.
- Demonstrate a range of skills and knowledge related to the unique need of children ages 0-8 years.
- Apply developmental theory, knowledge of child development, and research-based teaching strategies to develop curriculum for the unique educational needs of young children individually and in group care settings.
- Demonstrate developmentally appropriate observation, assessment, and documentation skills that can be applied to interpretations of growth and development, planning, and identification of individual needs.
- Demonstrate professional skills including ethical practice, reflective practice, written and verbal communication, collaboration, advocacy, and identification of personal qualifications in relationship to state and national requirements for teachers of young children.
- Demonstrate the skills and knowledge in supervising program staff and coordinating curriculum and staff development.

Required Core:

CDE 101*	Principles and Practices of Teaching	
	Young Children	3
CDE 15	Child, Family, and Community	3
CDE 7	Child Growth and Development	3
CDE 110*	Introduction to Curriculum	3
CDE 112*	Health, Safety, and Nutrition	3
CDE 117*	Teaching in a Diverse Society	3
CDE 120*	Observation and Assessment	3
CDE 121*	Practicum-The Student Teaching	
	Experience	4

Revised
Early Childhood Teacher
Certificate of Achievement

Foundational theories of children's development and learning as well as appropriate strategies for teaching and caring for children ages birth to 8 will be studied and applied. Family collaboration, cultural sensitivity, and relationship-based practice will be emphasized. This certificate prepares students to provide competent and effective care and instruction of children in a variety of early childhood settings. It also meets the education requirements of the Teacher level of the Child Development Permit issued by the California Commission on Teacher Credentialing (CTC). Additional working experience with children is required to obtain the Permit.

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- Describe developmental milestones for children in the areas of physical, psychosocial, cognitive, and language development.
- Identify environmental, cultural, familial, economic, political, and historical contexts that influence all children's development.
- Demonstrate a range of skills and knowledge related to the unique need of children ages 0-8 years.
- Apply developmental theory, knowledge of child development, and research-based teaching strategies to develop curriculum for the unique educational needs of young children individually and in group care settings.
- Demonstrate developmentally appropriate observation, assessment, and documentation skills that can be applied to interpretations of growth and development, planning, and identification of individual needs.
- Demonstrate professional skills including ethical practice, reflective practice, written and verbal communication, collaboration, advocacy, and identification of personal qualifications in relationship to state and national requirements for teachers of young children.
- Demonstrate the skills and knowledge in supervising program staff and coordinating curriculum and staff development.

Required Core:

CDE 101*	Principles and Practices of Teaching	
	Young Children	3
CDE 15	Child, Family, and Community	3
<u>CDEV C1000</u>	Child Growth and Development	3
CDE 110*	Introduction to Curriculum	3
CDE 112*	Health, Safety, and Nutrition	3
CDE 117*	Teaching in a Diverse Society	3
CDE 120*	Observation and Assessment	3
CDE 121*	Practicum-The Student Teaching	
	Experience	4

SADDLEBACK COLLEGE
REVISED PROGRAMS
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Required Breadth (16-18 units): Students must complete Area 1, select one course from each of Areas 2, 3, and 4, and select one additional course from Area 2, 3, or 4.**

Area 1

ENGL C1000* Academic Reading and Writing	4
or	
ENGL C1000H* Academic Reading and Writing - Honors	4

Area 2

STAT C1000* Introduction to Statistics	3
or	
STAT C1000H* Introduction to Statistics - Honors	3
or	
PSYC 44* Statistics for the Behavioral Sciences	3
or	
MATH 103* Mathematical Ideas	3
or	
GEOL 1 Introduction to Physical Geology	3
or	
PHYS 30* Physics and Chemistry for Elementary Educators	4
or	
HORT 20 Introduction to Horticultural Science	4
or	
HORT 20H Honors Introduction to Horticultural Science	4

Area 3

ANTH 2 Cultural Anthropology	3
or	
ANTH 2H Honors Cultural Anthropology	3
or	
GEOG 2 Cultural Geography	3
or	
GEOG 2H Honors Cultural Geography	3
or	
PSYC 30 * Social Psychology	3
or	
SOC 30* Social Psychology	3
or	
POLS C1000 American Government and Politics	3
or	
POLS C1000H American Government and Politics - Honors	3

Area 4

ENG 42 Children's Literature	3
or	
ARTH 20 Art Appreciation	3
or	
MUS 1 The Basics of Music	3
or	
MUS 20 Music Appreciation	3
or	

Required Breadth (16-18 units): Students must complete Area 1, select one course from each of Areas 2, 3, and 4, and select one additional course from Area 2, 3, or 4.**

Area 1

ENGL C1000* Academic Reading and Writing	4
or	
ENGL C1000H* Academic Reading and Writing - Honors	4

Area 2

STAT C1000* Introduction to Statistics	3
or	
STAT C1000H* Introduction to Statistics - Honors	3
or	
PSYC 44* Statistics for the Behavioral Sciences	3
or	
MATH 103* Mathematical Ideas	3
or	
GEOL 1 Introduction to Physical Geology	3
or	
PHYS 30* Physics and Chemistry for Elementary Educators	4
or	
HORT 20 Introduction to Horticultural Science	4
or	
HORT 20H Honors Introduction to Horticultural Science	4

Area 3

ANTH 2 Cultural Anthropology	3
or	
ANTH 2H Honors Cultural Anthropology	3
or	
GEOG 2 Cultural Geography	3
or	
GEOG 2H Honors Cultural Geography	3
or	
PSYC 30 * Social Psychology	3
or	
SOC 30* Social Psychology	3
or	
POLS C1000 American Government and Politics	3
or	
POLS C1000H American Government and Politics - Honors	3

Area 4

ENG 42 Children's Literature	3
or	
ARTH 20 Art Appreciation	3
or	
MUS 1 The Basics of Music	3
or	
MUS 20 Music Appreciation	3
or	

SADDLEBACK COLLEGE
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HORT 15	History of Landscape Design	3
or		
ID 110	Fundamentals of Interior Design	3
<hr/>		
Total Units for the Certificate 41 - 43		

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

**Other courses that meet the same General Education category as the courses listed in Areas 2, 3, and 4 may be substituted to meet the restricted elective requirements. Refer to the current college catalog.

HORT 15	History of Landscape Design	3
or		
ID 110	Fundamentals of Interior Design	3
<hr/>		
Total Units for the Certificate 41 - 43		

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

**Other courses that meet the same General Education category as the courses listed in Areas 2, 3, and 4 may be substituted to meet the restricted elective requirements. Refer to the current college catalog.

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Economics
Associate of Arts**

The curriculum in the Economics Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to this major, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Define scarcity, and show how it relates to the concepts of choice and cost.
- Outline the role of comparative advantage in exchange.
- Describe and analyze the economy in quantitative terms using national income and employment data from the standpoint of current and constant dollars.
- Utilize the demand and supply model and use the model to critically analyze real world examples.
- Explain the role of prices in allocating goods, services and factors of production.

Required Core

Select one

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

or

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

Select one

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

or

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

Select one

PS 11 International Political Economy 3

or

ECON 11 International Political Economy 3

Select one

MATH 11* A Brief Course in Calculus 5

or

MATH ~~3A*~~ **Analytic Geometry and Calculus** 5

or

MATH ~~3AH*~~ **Honors Analytic Geometry and Calculus** 5

Restricted Electives: Select two courses (6-9 units)

ACCT 1A Financial Accounting 4

ACCT 1B* Managerial Accounting 4

BUS 1 Introduction to Business 3

or

BUS 1H Honors Introduction to Business 3

BUS 104* Business Communication 3

CIM 1 Computer Information Systems 4

CIM 10 Introduction to Information Systems 3

MATH ~~3B*~~ **Analytic Geometry and Calculus** 5

**Revised
Economics
Associate of Arts**

The curriculum in the Economics Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to this major, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Define scarcity, and show how it relates to the concepts of choice and cost.
- Outline the role of comparative advantage in exchange.
- Describe and analyze the economy in quantitative terms using national income and employment data from the standpoint of current and constant dollars.
- Utilize the demand and supply model and use the model to critically analyze real world examples.
- Explain the role of prices in allocating goods, services and factors of production.

Required Core

Select one

ECON C2001* **Principles of Microeconomics** 3

or

ECON C2001H* Principles of Microeconomics - **Honors** 3

Select one

ECON C2002* **Principles of Macroeconomics** 3

or

ECON C2002H* Principles of Macroeconomics - **Honors** 3

Select one

PS 11 International Political Economy 3

or

ECON 11 International Political Economy 3

Select one

MATH 11* A Brief Course in Calculus 5

or

MATH C2210* **Calculus I: Early Transcendentals** 5

or

MATH C2210H* **Calculus I: Early Transcendentals - Honors** 5

Restricted Electives: Select two courses (6-9 units)

ACCT 1A Financial Accounting 4

ACCT 1B* Managerial Accounting 4

BUS 1 Introduction to Business 3

or

BUS 1H Honors Introduction to Business 3

BUS 104* Business Communication 3

CIM 1 Computer Information Systems 4

CIM 10 Introduction to Information Systems 3

MATH C2220* **Calculus II: Early Transcendentals** 5

SADDLEBACK COLLEGE
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ACADEMIC YEAR 2026-2027

STAT C1000* Introduction to Statistics	3
or	
STAT C1000H* Introduction to Statistics - Honors	3

Total Units for the Major 20-23

*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.

STAT C1000* Introduction to Statistics	3
or	
STAT C1000H* Introduction to Statistics - Honors	3

Total Units for the Major 20-23

*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 2026-2027

**Current
Engineering
Associate of Science**

The curriculum in the Engineering Associate of Science Degree program is designed to provide the transfer student the opportunity to achieve an associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to engineering fields, earning the Associate Degree would demonstrate achievement and may support employment as a technician in engineering related fields. Engineering companies constantly hire technicians. Students completing the engineering Associate of Science degree are prepared to transfer into: mechanical engineering, electrical engineering, civil engineering, and many other engineering degrees offered at California State Universities.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate understanding of classical mechanics (Newtonian mechanics).
- Use Newtonian mechanics to solve structural problems in a static environment.
- Demonstrate understanding of material properties when solving static equilibrium problems.

Required Core:

Select one

MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
PHYS 4A*	General Physics	5
MATH 3B*	Analytic Geometry and Calculus	5
PHYS 4B*	General Physics	5
ENGR 31*	Statics	3

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.

**Revised
Engineering
Associate of Science**

The curriculum in the Engineering Associate of Science Degree program is designed to provide the transfer student the opportunity to achieve an associate degree. While a baccalaureate or higher degree is recommended for those considering professional careers related to engineering fields, earning the Associate Degree would demonstrate achievement and may support employment as a technician in engineering related fields. Engineering companies constantly hire technicians. Students completing the engineering Associate of Science degree are prepared to transfer into: mechanical engineering, electrical engineering, civil engineering, and many other engineering degrees offered at California State Universities.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate understanding of classical mechanics (Newtonian mechanics).
- Use Newtonian mechanics to solve structural problems in a static environment.
- Demonstrate understanding of material properties when solving static equilibrium problems.

Required Core:

Select one

MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	5
PHYS 4A*	General Physics	5
MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
PHYS 4B*	General Physics	5
ENGR 31*	Statics	3

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
English Literature
Associate of Arts**

The curriculum in the English Literature Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion. Students earning the English Literature Associate of Arts degree may transfer into degree programs such as: English, English Literature, and English Education.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate writing fluency, critical thinking ability, and research skills. These skills will include grammar review, as well as expository and persuasive writing instruction.
- Use skill and creativity along with critical judgment of literary forms, as they compose their own nonfiction, short stories, novels, poems, plays, and screenplays.
- Examine traditional literary themes and genres in courses addressing American, British and World literature. Students will explore contemporary themes and genres in courses such as Introduction to the Novel, Ethnic Voices in Literature, and The Film as Literature. The broad spectrum of literature courses allows students to focus on a particular area of interest.

Required Core

Select one

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

Select one

~~ENG 25*~~ Introduction to Literature 3

or

~~ENG 25H*~~ ~~Honors~~ Introduction to Literature 3

Select one

ENGL C1001* Critical Thinking and Writing 3

ENGL C1001H* Critical Thinking and Writing - Honors 3

ENG 2* Argumentative Writing and Critical Thinking Thru Literature 3

ENG 70* Critical Thinking, Reading, and Writing 3

Restricted Electives: Select three courses

ENG 15A Survey of American Literature - 1620-1860 3

ENG 15B Survey of American Literature – 1860-Contemporary 3

ENG 17A Survey of English Literature - Beowulf to Romantic Movement 3

ENG 17B Survey of English Lit – Romantic Movement to the Present 3

ENG 18 Shakespeare - The Tragedies 3

ENG 21A World Literature - Ancient to 17th Century 3

ENG 21B World Literature - 17th Century to Modern Period 3

**Revised
English Literature
Associate of Arts**

The curriculum in the English Literature Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion. Students earning the English Literature Associate of Arts degree may transfer into degree programs such as: English, English Literature, and English Education.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate writing fluency, critical thinking ability, and research skills. These skills will include grammar review, as well as expository and persuasive writing instruction.
- Use skill and creativity along with critical judgment of literary forms, as they compose their own nonfiction, short stories, novels, poems, plays, and screenplays.
- Examine traditional literary themes and genres in courses addressing American, British and World literature. Students will explore contemporary themes and genres in courses such as Introduction to the Novel, Ethnic Voices in Literature, and The Film as Literature. The broad spectrum of literature courses allows students to focus on a particular area of interest.

Required Core

Select one

ENGL C1000* Academic Reading and Writing 4

or

ENGL C1000H* Academic Reading and Writing - Honors 4

Select one

ENGL C1002* Introduction to Literature 3

or

ENGL C1002H* Introduction to Literature - Honors 3

Select one

ENGL C1001* Critical Thinking and Writing 3

ENGL C1001H* Critical Thinking and Writing - Honors 3

ENG 2* Argumentative Writing and Critical Thinking Thru Literature 3

ENG 70* Critical Thinking, Reading, and Writing 3

Restricted Electives: Select three courses

ENG 15A Survey of American Literature - 1620-1860 3

ENG 15B Survey of American Literature – 1860-Contemporary 3

ENG 17A Survey of English Literature - Beowulf to Romantic Movement 3

ENG 17B Survey of English Lit – Romantic Movement to the Present 3

ENG 18 Shakespeare - The Tragedies 3

ENG 21A World Literature - Ancient to 17th Century 3

ENG 21B World Literature - 17th Century to Modern Period 3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

ENG 22	Introduction to Shakespeare	3
or		
ENG 22H	Honors Introduction to Shakespeare	3
ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 27A	Introduction to the Novel	3
or		
ENG 27AH	Honors Introduction to the Novel	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3

Total Units for the Major 19

*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.

ENG 22	Introduction to Shakespeare	3
or		
ENG 22H	Honors Introduction to Shakespeare	3
ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 27A	Introduction to the Novel	3
or		
ENG 27AH	Honors Introduction to the Novel	3
ENG 52	The Film as Literature	3
ENG 55	Science Fiction and Society	3

Total Units for the Major 19

*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 2026-2027

Current
General Studies - Arts & Humanities
Associate of Arts

The General Studies Associate Degree with an area of emphasis in the Arts & Humanities provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. Students develop aesthetic understanding including an appreciation of philosophical, historical, and cultural importance and an awareness of the ways in which people responded to themselves and the world around them. This degree also seeks to examine the study of cultural, literary, humanistic activities and the artistic expression of human beings. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Explain the value of a culture as expressed through its art or language.
- Demonstrate skills to pursue lifelong learning in the areas of arts and humanities.
- Make connections between the fine arts and humanities to demonstrate knowledge and an appreciation of factors that influence traditions.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3

Revised
General Studies - Arts & Humanities
Associate of Arts

The General Studies Associate Degree with an area of emphasis in the Arts & Humanities provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. Students develop aesthetic understanding including an appreciation of philosophical, historical, and cultural importance and an awareness of the ways in which people responded to themselves and the world around them. This degree also seeks to examine the study of cultural, literary, humanistic activities and the artistic expression of human beings. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Explain the value of a culture as expressed through its art or language.
- Demonstrate skills to pursue lifelong learning in the areas of arts and humanities.
- Make connections between the fine arts and humanities to demonstrate knowledge and an appreciation of factors that influence traditions.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals</u> <u>- Honors</u>	5
MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3

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MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		
BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Select 6-8 units

Arts

ARCH 12	History of Architecture	3
ART 4	Fundamentals of Art	3
ARTH 20	Art Appreciation	3
ARTH 21	Women and Art	3
ARTH 22	Survey of Asian Art (India, China, Japan, and Korea)	3
ARTH 23	African, Oceanic, and Ancient North American Art	3
ARTH 24	Indigenous Arts of the Americas	3
ARTH 25	Survey of Art History—Ancient Worlds to Gothic	3
ARTH 26*	Survey of Western Art History—Renaissance to Contemporary	3
ARTH 29	Introduction to World Art	3
ARTH 30	History of Modern Art 1825-1945	3
ARTH 32	Survey of Contemporary Art	3
CTVR 3	The History and Appreciation of American Cinema	3
or		
CTVR 3H*	Honors History and Appreciation of American Cinema	3
CTVR 9	Women in Cinema and Television	3
DANC 64	History of Dance	3
FASH 44	Fashion Trends and Cultural Costumes	3
GD 1	History of Animation	3
GD 2	History of Graphic Design	3
MUS 1	The Basics of Music	3
MUS 20	Music Appreciation	3
MUS 23	Introduction to World Music	3
MUS 24	Music Since 1900	3
MUS 27	History of Jazz	3
MUS 28	History of Rock	3
PHOT 25	History of Photography	3
TA 20	Theatre Appreciation	3
TA 22	Musical Theatre History and Appreciation	3

Humanities

ARAB 1*	Elementary Arabic	5
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MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		
BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Select 6-8 units

Arts

ARCH 12	History of Architecture	3
ART 4	Fundamentals of Art	3
ARTH 20	Art Appreciation	3
ARTH 21	Women and Art	3
ARTH 22	Survey of Asian Art (India, China, Japan, and Korea)	3
ARTH 23	African, Oceanic, and Ancient North American Art	3
ARTH 24	Indigenous Arts of the Americas	3
ARTH 29	Introduction to World Art	3
ARTH 30	History of Modern Art 1825-1945	3
ARTH 32	Survey of Contemporary Art	3
<u>ARTH C1100</u>	<u>Survey of Art from Prehistory to the Medieval Era</u>	<u>3</u>
<u>ARTH C1200</u>	<u>Survey of Art from the Renaissance to Contemporary</u>	<u>3</u>
CTVR 3	The History and Appreciation of American Cinema	3
or		
CTVR 3H*	Honors History and Appreciation of American Cinema	3
CTVR 9	Women in Cinema and Television	3
DANC 64	History of Dance	3
<u>FASH 44</u>	<u>Fashion Trends and Cultural Costumes</u>	<u>3</u>
GD 1	History of Animation	3
GD 2	History of Graphic Design	3
<u>ID 22</u>	<u>History of Interior Architecture and Furnishings I</u>	<u>3</u>
<u>ID 25</u>	<u>History of Interior Architecture and Furnishings II</u>	<u>3</u>
<u>ID 110</u>	<u>Fundamentals of Interior Design</u>	<u>3</u>
MUS 1	The Basics of Music	3
MUS 20	Music Appreciation	3
MUS 23	Introduction to World Music	3
MUS 24	Music Since 1900	3
MUS 27	History of Jazz	3
MUS 28	History of Rock	3
PHOT 25	History of Photography	3
TA 20	Theatre Appreciation	3
TA 22	Musical Theatre History and Appreciation	3

Humanities

ARAB 1*	Elementary Arabic	5
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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

ARAB 2*	Elementary Arabic	5	ARAB 2*	Elementary Arabic	5
ARAB 21	Introduction to Arabic Culture	3	ARAB 21	Introduction to Arabic Culture	3
CHI 1*	Elementary Chinese	5	CHI 1*	Elementary Chinese	5
CHI 2*	Elementary Chinese	5	CHI 2*	Elementary Chinese	5
CHI 21*	Introduction to Chinese Culture and Influence in the U.S.	3	CHI 21*	Introduction to Chinese Culture and Influence in the U.S.	3
COMM 30	Introduction to Oral Interpretation	3	COMM 30	Introduction to Oral Interpretation	3
COMM 32*	Interpreters' Theatre	3	COMM 32*	Interpreters' Theatre	3
ENG 3	Introduction to Creative Writing	3	ENG 3	Introduction to Creative Writing	3
ENG 4	Fiction Fundamentals	3	ENG 4	Fiction Fundamentals	3
ENG 15A	Survey of American Literature - 1620-1860	3	ENG 15A	Survey of American Literature - 1620-1860	3
ENG 15B	Survey of American Literature - 1860-Contemporary	3	ENG 15B	Survey of American Literature - 1860-Contemporary	3
ENG 17A	Survey of English Literature - Beowulf to Romantic Movement	3	ENG 17A	Survey of English Literature - Beowulf to Romantic Movement	3
ENG 17B	Survey of English Lit - Romantic Movement to the Present	3	ENG 17B	Survey of English Lit - Romantic Movement to the Present	3
ENG 18	Shakespeare - The Tragedies	3	ENG 18	Shakespeare - The Tragedies	3
ENG 21A	World Literature - Ancient to 17 th Century	3	ENG 21A	World Literature - Ancient to 17 th Century	3
ENG 21B	World Literature - 17 th Century to Modern Period	3	ENG 21B	World Literature - 17 th Century to Modern Period	3
ENG 24	Ethnic Voices in Literature - Experiences in the US	3	ENG 24	Ethnic Voices in Literature - Experiences in the US	3
ENG 25* or ENG 25H*	Introduction to Literature	3	ENG 27A	Introduction to the Novel	3
ENG 27A	Introduction to the Novel	3	ENG 27AH	Honors Introduction to the Novel	3
ENG 27AH	Honors Introduction to the Novel	3	ENG 42	Children's Literature	3
ENG 42	Children's Literature	3	ENG 44	Classical Mythology	3
ENG 44	Classical Mythology	3	ENG 52	The Film as Literature	3
ENG 52	The Film as Literature	3	ENGL C1002* or ENGL C1002H*	Introduction to Literature - Honors	3
FASH 44	Fashion Trends and Cultural Costumes	3	FR 1*	Elementary French	5
FR 1*	Elementary French	5	FR 2*	Elementary French	5
FR 2*	Elementary French	5	FR 3*	Intermediate French	5
FR 3*	Intermediate French	5	FR 4*	Intermediate French	5
FR 4*	Intermediate French	5	GER 1*	Elementary German	5
GER 1*	Elementary German	5	GER 2*	Elementary German	5
GER 2*	Elementary German	5	GER 3*	Intermediate German	5
GER 3*	Intermediate German	5	GER 4*	Intermediate German	5
GER 4*	Intermediate German	5	HEBR 1*	Elementary Hebrew	5
HEBR 1*	Elementary Hebrew	5	HEBR 2*	Elementary Hebrew	5
HEBR 2*	Elementary Hebrew	5	HIST 4	World History to 1500	3
HIST 4	World History to 1500	3	HIST 5	World History Since 1500	3
HIST 5	World History Since 1500	3	HON 11H*	Honors Culture, Science, Society - Renaissance	3
HON 11H*	Honors Culture, Science, Society - Renaissance	3	HON 12H*	Honors Culture, Science, Society - The Postmodern World	3
HON 12H*	Honors Culture, Science, Society - The Postmodern World	3	HON 13H*	Honors Culture, Science, Society - Power, Resistance, Empire	3
HON 13H*	Honors Culture, Science, Society - Power, Resistance, Empire	3	HON 14H*	Honors Culture, Science, Society - Transformation of Empire	3
HON 14H*	Honors Culture, Science, Society - Transformation of Empire	3	HORT 15	History of Landscape Design	3
HORT 15	History of Landscape Design	3	HUM 1	Introduction to Humanities	3
HUM 1	Introduction to Humanities	3	HUM 21	The Search for Meaning - Ideas of Self Across Cultures	3
HUM 21	The Search for Meaning - Ideas of Self Across Cultures	3	HUM 25	Planet Earth – Contemporary Issues and Controversies	3
HUM 25	Planet Earth – Contemporary Issues and Controversies	3			

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**ID 22 History of Interior Architecture
and Furnishings I 3**
**ID 25 History of Interior Architecture
and Furnishings II 3**
**ID 110 Fundamentals of Interior
Design 3**

ITA 1*	Elementary Italian	5
ITA 2*	Elementary Italian	5
ITA 21*	Introduction to Italian Culture	3
JA 1*	Elementary Japanese	5
JA 2*	Elementary Japanese	5
JA 21*	Introduction to Japanese Culture	3
KOR 1*	Elementary Korean	5
KOR 2*	Elementary Korean	5
KOR 21*	Introduction to Korean Culture	3
PHIL 1	Introduction to Philosophy	3
or		
PHIL 1H	Honors Introduction to Philosophy	3
PHIL 10	World Religions	3
PHIL 15	Introduction to Ethics	3
PORT 1*	Elementary Portuguese	5
PORT 2*	Elementary Portuguese	5
PRSN 1*	Elementary Persian	5
PRSN 2*	Elementary Persian	5
PRSN 3*	Intermediate Persian	5
PRSN 4*	Intermediate Persian	5
SL 1*	American Sign Language I	4
SL 2*	American Sign Language II	4
SL 3*	American Sign Language III	4
SL 4*	American Sign Language IV	4
SPAN 1*	Elementary Spanish	5
or		
SPAN 1H*	Honors Elementary Spanish	5
SPAN 2*	Elementary Spanish	5
or		
SPAN 2H*	Honors Elementary Spanish	5
SPAN 3*	Intermediate Spanish	5
SPAN 4*	Intermediate Spanish	5
SPAN 6*	Intermediate Spanish Grammar and Composition	3

Total Units for the Major 18

ITA 1*	Elementary Italian	5
ITA 2*	Elementary Italian	5
ITA 21*	Introduction to Italian Culture	3
JA 1*	Elementary Japanese	5
JA 2*	Elementary Japanese	5
JA 21*	Introduction to Japanese Culture	3
KOR 1*	Elementary Korean	5
KOR 2*	Elementary Korean	5
KOR 21*	Introduction to Korean Culture	3
PHIL 1	Introduction to Philosophy	3
or		
PHIL 1H	Honors Introduction to Philosophy	3
PHIL 10	World Religions	3
PHIL 15	Introduction to Ethics	3
PRSN 1*	Elementary Persian	5
PRSN 2*	Elementary Persian	5
PRSN 3*	Intermediate Persian	5
PRSN 4*	Intermediate Persian	5
SL 1*	American Sign Language I	4
SL 2*	American Sign Language II	4
SL 3*	American Sign Language III	4
SL 4*	American Sign Language IV	4
SPAN 1*	Elementary Spanish	5
or		
SPAN 1H*	Honors Elementary Spanish	5
SPAN 2*	Elementary Spanish	5
or		
SPAN 2H*	Honors Elementary Spanish	5
SPAN 3*	Intermediate Spanish	5
SPAN 4*	Intermediate Spanish	5
SPAN 6*	Intermediate Spanish Grammar and Composition	3

Total Units for the Major 18

*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.

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

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
General Studies - Interdisciplinary Studies
Associate of Arts

The General Studies Associate Degree with an area of emphasis in Interdisciplinary Studies provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. This degree, which is multidisciplinary in nature, covers a broad range of practical and relevant subjects necessary for developing a breadth of understanding of learning and society. Students will become equipped to succeed in their personal and professional lives. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective expository and persuasive writing skills.
- Deliver informative and persuasive speeches.
- Develop a reasoned solution to a problem.
- Make connections and demonstrate skills in the areas of lifelong learning, self-development, and personal growth.
- Increase their exposure to a broad range of skills, experiences, and knowledge.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

~~*List C: Select one course*~~

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking	3
	- Honors	3

List D: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5

Revised
General Studies - Interdisciplinary Studies
Associate of Arts

The General Studies Associate Degree with an area of emphasis in Interdisciplinary Studies provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. This degree, which is multidisciplinary in nature, covers a broad range of practical and relevant subjects necessary for developing a breadth of understanding of learning and society. Students will become equipped to succeed in their personal and professional lives. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective expository and persuasive writing skills.
- Deliver informative and persuasive speeches.
- Develop a reasoned solution to a problem.
- Make connections and demonstrate skills in the areas of lifelong learning, self-development, and personal growth.
- Increase their exposure to a broad range of skills, experiences, and knowledge.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking	3
	- Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH C2210*	Calculus I: Early Transcendentals	5
or		
MATH C2210H*	Calculus I: Early Transcendentals	5
	- Honors	5
MATH C2220*	Calculus II: Early Transcendentals	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5

SADDLEBACK COLLEGE
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STAT C1000*	Introduction to Statistics	3
or		
BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4
Restricted Electives (5-6 units)		
BUS 16	Personal Law,Street Law	3
COMM 2*	Persuasion	3
COMM 3	Argumentation and Debate	3
COMM 5	Interpersonal Communication	3
COUN 40	College and Career Success	3
COUN 150	Helping Skills for Interpersonal Relationships	3
COUN 51	Human Relationships	3
COUN 60	Career Exploration	3
COUN 61	Learning and Study Techniques	1.5
FASH 141	Apparel Selection	3
FCS 115	Consumer Issues	3
FCS 142	Life Management	3
HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	3
HIST 22	Survey of United States History	3
HLTH 1	Contemporary Health Issues	3
HSC 151	Intro to Therapy and Career Exploration of Rehabilitation	3
or		
KNEA 151	Intro to Therapy and Career Exploration of Rehabilitation	3
INTS 180WE	General Work Experience	2-3
N 161	Lifecycle 2, Growth and Development	1.5
N 165	Lifecycle 1, Fundamentals of Aging	1.5
NUTR 50	Fundamentals of Nutrition	3
NUTR 64	Nutrition Issues and Controversies	3
PHIL 12	Introduction to Logic	3
POLS C1000	American Government and Politics	3
or		
POLS C1000H	American Government and Politics - Honors	3
<hr/>		
Total Units for the Major 18-24		

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

STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H* Introduction to Statistics - Honors		3
or		
BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4
Restricted Electives (6-9 units)		
BUS 16	Personal Law,Street Law	3
COMM 2*	Persuasion	3
COMM 3	Argumentation and Debate	3
COMM C1004	Interpersonal Communication	3
COUN 40	College and Career Success	3
COUN 51	Human Relationships	3
COUN 60	Career Exploration	3
COUN 61	Learning and Study Techniques	1.5
FASH 141	Apparel Selection	3
FCS 115	Consumer Issues	3
FCS 142	Life Management	3
HIST C1001	United States History to 1877	3
HIST C1002	United States History since 1865	3
HIST 22	Survey of United States History	3
HLTH 1	Contemporary Health Issues	3
HSC 151	Intro to Therapy and Career Exploration of Rehabilitation	3
or		
KNEA 151	Intro to Therapy and Career Exploration of Rehabilitation	3
INTS 180WE	General Work Experience	2-3
N 161	Lifecycle 2, Growth and Development	1.5
N 165	Lifecycle 1, Fundamentals of Aging	1.5
NUTR 50	Fundamentals of Nutrition	3
NUTR 64	Nutrition Issues and Controversies	3
PHIL 12	Introduction to Logic	3
POLS C1000	American Government and Politics	3
or		
POLS C1000H	American Government and Politics - Honors	3
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Total Units for the Major 18-19		

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
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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.

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 2026-2027

Current
General Studies - Natural Sciences
Associate of Arts

The General Studies Associate Degree with an area of emphasis in the Natural Sciences provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. Students will develop an appreciation and understanding of the scientific method and an understanding of the relationships between science and other human activities. This degree, which is multidisciplinary in nature, provides a broad foundation in the natural sciences and seeks to examine the physical universe, its life forms and its natural phenomena. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Develop a reasoned solution to a problem.
- Demonstrate the ability to use the attained knowledge foundation to illustrate concepts and compare examples.
- Apply scientific method to solve practical problems in the sciences.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5

Revised
General Studies - Natural Sciences
Associate of Arts

The General Studies Associate Degree with an area of emphasis in the Natural Sciences provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. Students will develop an appreciation and understanding of the scientific method and an understanding of the relationships between science and other human activities. This degree, which is multidisciplinary in nature, provides a broad foundation in the natural sciences and seeks to examine the physical universe, its life forms and its natural phenomena. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Develop a reasoned solution to a problem.
- Demonstrate the ability to use the attained knowledge foundation to illustrate concepts and compare examples.
- Apply scientific method to solve practical problems in the sciences.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH C2210*	Calculus I: Early Transcendentals	5
or		
MATH C2210H*	Calculus I: Early Transcendentals - Honors	5
MATH C2220*	Calculus II: Early Transcendentals	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
BUS 10*	Business Statistics	3
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Select 6-8 units

ANTH 1	Biological Anthropology	3
or		
ANTH 1H	Honors Biological Anthropology	3
and		
ANTH 1L*	Biological Anthropology Laboratory	1
ASTR 20	General Astronomy	3
ASTR 25*	Observational Astronomy	3
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
BIO 20	Introduction to Biology	4
CHEM 1A*	General Chemistry	5
CHEM 3*	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 106*	Basics of Chemistry	2
ENV 18	Introduction to Ecology	4
ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	4
ENV 24	Natural History of California	4
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
and		
GEOG 1L*	Physical Geography Laboratory	1
GEOL 1	Introduction to Physical Geology	4
GEOL 20	Introduction to Earth Science	4
GEOL 23	Environmental Geology	4
or		
ENV 23	Environmental Geology	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*	Introduction to Physics	5
PHYS 4A*	General Physics	5
PHYS 20	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
BUS 10*	Business Statistics	3
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Select 6-8 units

ANTH <u>C1001</u>	<u>Introduction to Biological Anthropology</u>	3
or		
ANTH <u>C1001H</u>	<u>Introduction to Biological Anthropology - Honors</u>	3
and		
ANTH <u>C1001L*</u>	<u>Biological Anthropology Lab</u>	1
ASTR <u>C1001</u>	<u>Introduction to Astronomy</u>	3
ASTR 25*	Observational Astronomy	3
BIO 4A*	Principles of Cellular Biology	4
BIO 4B*	Principles of Organismal Biology	4
BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 19*	Marine Biology	4
<u>BIOL C1000</u>	<u>Introduction to Biology with Lab</u>	4
CHEM 1A*	General Chemistry	5
CHEM 3*	Fundamental Chemistry	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4
CHEM 106*	Basics of Chemistry	2
ENV 18	Introduction to Ecology	4
ENV 23	Environmental Geology	4
or		
GEOL 23	Environmental Geology	4
ENV 24	Natural History of California	4
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
and		
GEOG 1L*	Physical Geography Laboratory	1
GEOL 1	Introduction to Physical Geology	4
GEOL 20	Introduction to Earth Science	4
GEOL 23	Environmental Geology	4
or		
ENV 23	Environmental Geology	4
HORT 20	Introduction to Horticultural Science	4
or		
HORT 20H	Honors Introduction to Horticultural Science	4
MS 4	Southern California Coastal Ecology	4
MS 20	Introduction to Oceanography	4
PHYS 2A*	Introduction to Physics	5
PHYS 4A*	General Physics	5
PHYS 20	The Ideas and Events of Physics	4
PHYS 30*	Physics and Chemistry for Elementary Educators	4

SADDLEBACK COLLEGE
REVISED PROGRAMS
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PSYC 3*	Biological Psychology	4
Total Units for the Major		18

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

Associate of Arts Degree

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General Education Requirements for Associate Degrees

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PSYC 3*	Biological Psychology	4
Total Units for the Major		18

*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.

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current

**General Studies-Social & Behavioral Sciences
Associate of Arts**

The General Studies Associate Degree with an emphasis in the Social & Behavioral Sciences provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree, which is multidisciplinary in nature, seeks to provide an understanding of the interrelationships, principles and methodologies of its many subject areas and to provide a broad understanding of the diverse social and cultural world in which we live. 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, pursuit of which can be achieved through transfer.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
- Apply the principles of the social and behavioral sciences to the diverse world in which we live.
- Compare and contrast the major theoretical perspectives in the social and behavioral sciences.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		

Revised

**General Studies-Social & Behavioral Sciences
Associate of Arts**

The General Studies Associate Degree with an emphasis in the Social & Behavioral Sciences provides an opportunity for students to design a program of study meaningful and appropriate to their own needs and academic interests. The degree, which is multidisciplinary in nature, seeks to provide an understanding of the interrelationships, principles and methodologies of its many subject areas and to provide a broad understanding of the diverse social and cultural world in which we live. 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, pursuit of which can be achieved through transfer.

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Students who complete this program will be able to:

- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.
- Apply the principles of the social and behavioral sciences to the diverse world in which we live.
- Compare and contrast the major theoretical perspectives in the social and behavioral sciences.

Required Core:

List A: Select one course

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

List B: Select one course

COMM C1000	Introduction to Public Speaking	3
COMM C1000H	Introduction to Public Speaking - Honors	3
ENGL C1001*	Critical Thinking and Writing	3
ENGL C1001H*	Critical Thinking and Writing - Honors	3
ENG 2*	Argumentative Writing and Critical Thinking Thru Literature	3
ENG 70*	Critical Thinking, Reading, and Writing	3

List C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
MATH C2210*	Calculus I: Early Transcendentals	5
or		
MATH C2210H*	Calculus I: Early Transcendentals - Honors	5
MATH C2220*	Calculus II: Early Transcendentals	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 30A*	Computer Discrete Mathematics I	3
or		
CS 30A*	Computer Discrete Mathematics I	3
MATH 30B*	Computer Discrete Mathematics II	3
or		
CS 30B*	Computer Discrete Mathematics II	3
MATH 8*	College Algebra for Brief Calculus	5
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		

SADDLEBACK COLLEGE
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BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Complete 6-9 units

Select one		
ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
ANTH 3*	Culture and Language	3
Select one		
ANTH 4	Introduction to Native American Studies	3
or		
ES 4	Introduction to Native American Studies	3
ANTH 5	Anthropology of Latin America - Culture, Identity, and Power	3
ANTH 8	World Prehistory	3
ANTH 9	Introduction to Archaeology	3
ANTH 17	The Biological Evolution of Human Nature	3
CDE 7	Child Growth and Development	3
CDE 15	Child, Family, and Community	3
COMM 20	Intercultural Communication	3
Select one		
CTVR 1	Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
Select one		
ECON 2*	Principles (Macro)	3
or		
ECON 2H*	Honors Principles of Macroeconomics	3
Select one		
ECON 4*	Principles (Micro)	3
or		
ECON 4H*	Honors Principles of Microeconomics	3
Select one		
ES 1	Introduction to Ethnic Studies	3
or		
ES 1H	Introduction to Ethnic Studies	3
ES 3	Introduction to Chicanx and Latinx Studies	3
Select one		
ES 4	Introduction to Native American Studies	3
or		
ANTH 4	Introduction to Native American Studies	3

BUS 10*	Business Statistics	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3
MATH 11*	A Brief Course in Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Complete 6-9 units

Select one		
ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
ANTH 3*	Culture and Language	3
Select one		
ANTH 4	Introduction to Native American Studies	3
or		
ES 4	Introduction to Native American Studies	3
ANTH 5	Anthropology of Latin America - Culture, Identity, and Power	3
ANTH 8	World Prehistory	3
ANTH 9	Introduction to Archaeology	3
CDEV C1000	Child Growth and Development	3
CDE 15	Child, Family, and Community	3
COMM 20	Intercultural Communication	3
Select one		
CTVR 1	Mass Media and Society	3
or		
CTVR 1H	Honors Mass Media and Society	3
or		
JRN 1	Mass Media and Society	3
or		
JRN 1H	Honors Mass Media and Society	3
Select one		
ECON C2001*	Principles of Microeconomics	3
or		
ECON C2001H*	Principles of Microeconomics - Honors	3
Select one		
ECON C2002*	Principles of Macroeconomics	3
or		
ECON C2002H*	Principles of Macroeconomics - Honors	3
ES 1	Introduction to Ethnic Studies	3
ES 3	Introduction to Chicanx and Latinx Studies	3
Select one		
ES 4	Introduction to Native American Studies	3
or		
ANTH 4	Introduction to Native American Studies	3

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Select one ENV 1	Introduction to Environmental Studies	3
or ENV 1H	Honors Introduction to Environmental Studies	3
Select one GEOG 2	Cultural Geography	3
or GEOG 2H	Honors Cultural Geography	3
GEOG 3	World Regional Geography	3
Select one GSS 10	Introduction to Gender and Sexuality Studies	3
or GSS 10H	Honors Introduction to Gender and Sexuality Studies	3
HIST 12	Revolutions and Revolts	3
HIST 16	History of the United States to 1876	3
HIST 17	History of the United States Since 1876	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
Select one 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
Select one HIST 80	Introduction to Contemporary Africa	3
or PS 80	Introduction to Contemporary Africa	3
Select one HIST 81	African American United States History	3
or ES 81	African American United States History	3
Select one POLS C1000	American Government and Politics	3
or POLS C1000H	American Government and Politics - Honors	3

Select one ENV 1	Introduction to Environmental Studies	3
or ENV 1H	Honors Introduction to Environmental Studies	3
Select one GEOG 2	Cultural Geography	3
or GEOG 2H	Honors Cultural Geography	3
GEOG 3	World Regional Geography	3
Select one GSS 10	Introduction to Gender and Sexuality Studies	3
or GSS 10H	Honors Introduction to Gender and Sexuality Studies	3
HIST 12	Revolutions and Revolts	3
HIST C1001	United States History to 1877	3
HIST C1002	United States since 1865	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
Select one 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
Select one HIST 80	Introduction to Contemporary Africa	3
or PS 80	Introduction to Contemporary Africa	3
Select one HIST 81	African American United States History	3
or ES 81	African American United States History	3
Select one POLS C1000	American Government and Politics	3
or POLS C1000H	American Government and Politics - Honors	3

SADDLEBACK COLLEGE
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PS 4	Introduction to Political Science	3
Select one		
PS 11	International Political Economy	3
or		
ECON 11	International Political Economy	3
PS 12	Comparative Politics and Government	3
PS 14	International Relations	3
Select one		
PS 80	Introduction to Contemporary Africa	3
or		
HIST 80	Introduction to Contemporary Africa	3
Select one		
PSYC C1000	Introduction to Psychology	3
or		
PSYC C1000H	Introduction to Psychology - Honors	3
PSYC 4	Introduction to Cognitive Psychology	3
PSYC 5*	Psychological Aspects of Human Sexuality	3
PSYC 7*	Developmental Psychology - Childhood Through Adolescence	3
PSYC 16*	Introduction to Cross-Cultural Psychology	3
PSYC 21	The Psychology of Women	3
Select one		
PSYC 30*	Social Psychology	3
or		
SOC 30*	Social Psychology	3
PSYC 37*	Abnormal Behavior	3
Select one		
SOC 1	Introduction to Sociology	3
or		
SOC 1H	Honors Introduction to Sociology	3
Select one		
SOC 2	Social Problems	3
or		
SOC 2H	Honors Social Problems	3
SOC 10	Introduction to Marriage and the Family	3
SOC 15*	Socialization of the Child	3
SOC 21	Women in Contemporary Society	3
SOC 25	Social Stratification	3

Total Units for the Major 18-19

PS 4	Introduction to Political Science	3
Select one		
PS 11	International Political Economy	3
or		
ECON 11	International Political Economy	3
PS 12	Comparative Politics and Government	3
PS 14	International Relations	3
Select one		
PS 80	Introduction to Contemporary Africa	3
or		
HIST 80	Introduction to Contemporary Africa	3
Select one		
PSYC C1000	Introduction to Psychology	3
or		
PSYC C1000H	Introduction to Psychology - Honors	3
PSYC 4	Introduction to Cognitive Psychology	3
PSYC 5*	Psychological Aspects of Human Sexuality	3
PSYC 7*	Developmental Psychology - Childhood Through Adolescence	3
PSYC 16*	Introduction to Cross-Cultural Psychology	3
PSYC 21	The Psychology of Women	3
Select one		
PSYC 30*	Social Psychology	3
or		
SOC 30*	Social Psychology	3
PSYC 37*	Abnormal Behavior	3
Select one		
SOC1C1000	Introduction to Sociology	3
or		
SOC1C1000H	Introduction to Sociology - Honors	3
Select one		
SOC 2	Social Problems	3
or		
SOC 2H	Honors Social Problems	3
SOC 10	Introduction to Marriage and the Family	3
SOC 15*	Socialization of the Child	3
SOC 21	Women in Contemporary Society	3
SOC 25	Social Stratification	3

Total Units for the Major 18-19

*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.

*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.

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SADDLEBACK COLLEGE
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**Current
Geography
Associate of Arts**

The curriculum in the Geography Associate of Arts degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion while preparing students for transfer to a CSU, UC, or other four-year institution in pursuit of a baccalaureate degree in Geography.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate map literacy.
- Identify and describe a location (place) based on characteristics that distinguish them from other places on earth.
- Identify and describe movement of geographic phenomena.

Required Core:

Select one		
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
GEOG 1L*	Physical Geography Laboratory	1
Select one		
GEOG 2	Cultural Geography	3
or		
GEOG 2H	Honors Cultural Geography	3
GEOG 3	World Regional Geography	3

Restricted Electives (9-10 units)

ANTH 1	Biological Anthropology	3
or		
ANTH 1H	Honors Biological Anthropology	3
ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
GEOG 11	Ethnic Studies, Space, and Social Justice	3
or		
ES 11	Ethnic Studies, Space, and Social Justice	3
GEOG 38	California Geography	3
GEOL 1	Introduction to Physical Geology	4
GLST 1*	Introduction to Global Studies	3
GLST 2*	Global Issues	3
HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3
HIST 32	California History	3
PS 11	International Political Economy	3
or		
ECON 11	International Political Economy	3

**Revised
Geography
Associate of Arts**

The curriculum in the Geography Associate of Arts degree program is designed to provide the transfer student the opportunity to achieve an Associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree would demonstrate achievement and may support attempts to gain entry-level employment and promotion while preparing students for transfer to a CSU, UC, or other four-year institution in pursuit of a baccalaureate degree in Geography.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate map literacy.
- Identify and describe a location (place) based on characteristics that distinguish them from other places on earth.
- Identify and describe movement of geographic phenomena.

Required Core:

Select one		
GEOG 1	Physical Geography	3
or		
GEOG 1H	Honors Physical Geography	3
Complete		
GEOG 1L*	Physical Geography Laboratory	1
Select one		
GEOG 2	Cultural Geography	3
or		
GEOG 2H	Honors Cultural Geography	3
Complete		
GEOG 3	World Regional Geography	3

Restricted Electives (9-10 units)

ANTH <u>C1001</u>	<u>Introduction to Biological Anthropology</u>	3
or		
ANTH <u>C1001H</u>	<u>Introduction to Biological Anthropology - Honors</u>	3
ANTH 2	Cultural Anthropology	3
or		
ANTH 2H	Honors Cultural Anthropology	3
GEOG 11	Ethnic Studies, Space, and Social Justice	3
or		
ES 11	Ethnic Studies, Space, and Social Justice	3
GEOG 38	California Geography	3
GEOL 1	Introduction to Physical Geology	4
GLST 1*	Introduction to Global Studies	3
GLST 2*	Global Issues	3
HIST 4	World History to 1500	3
HIST 5	World History Since 1500	3
HIST 32	California History	3
PS 11	International Political Economy	3
or		
ECON 11	International Political Economy	3

SADDLEBACK COLLEGE
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ACADEMIC YEAR 2026-2027

PS 14 International Relations 3

Total Units for the Major 19-20

*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 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.

PS 14 International Relations 3

Total Units for the Major 19-20

*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 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 2026-2027

Current
Health Sciences
Associate of Science

The Health Sciences Associate Degree program is designed to provide students the opportunity to explore their interest in health, health care and related fields through a variety of classes. The program may lead to a range of general health employment opportunities with additional education/certification for occupations such as Nursing Assistants, Home Health Aides, or Medical Assistants. This associate degree is an initial educational step that may support attempts to gain entry-level employment or promotion. A baccalaureate or higher degree is recommended for those considering professional careers such as Health Sciences, Health Care Management/Administration, Public Health, and other pre-professional Allied Health Programs.

Courses identified within the "Required Core" may have limitations on enrollments depicted by an asterisk (*). It is strongly advised that students reference the course descriptions in the Saddleback College catalog or consult with a counselor for assistance in outlining an educational plan to achieve this degree.

This program is not the Associate Degree in Nursing and does not meet the state Board of Registered Nursing requirements for licensure in the State of California. Students interested in achieving a degree in Nursing should see Registered Nurse Associate in Science.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Recognize and define the terminology of various health sciences.
- Differentiate between various health science fields and related majors.
- Demonstrate scientific and critical thinking skills related to the field of health science.

Required Core: Complete 18 units from the following

BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 20	Introduction to Biology	4
CHEM 3*	Fundamental Chemistry	4
CHEM 1A*	General Chemistry	5
CHEM 8	Introduction to General, Organic, and Biochemistry	4
Select both		
EMT 207*	Emergency Medical Technician Procedures	11
and		
EMT 207C*	Emergency Medical Technician Clinical Observation	1
EMT 210*	Emergency Medical Technician Refresher Course	1.5
EMT 219*	Paramedic Preparation	4
HEF 100 *	Health Information Science	2

Revised
Health Sciences
Associate of Science

The Health Sciences Associate Degree program is designed to provide students the opportunity to explore their interest in health, health care and related fields through a variety of classes. The program may lead to a range of general health employment opportunities with additional education/certification for occupations such as Nursing Assistants, Home Health Aides, or Medical Assistants. This associate degree is an initial educational step that may support attempts to gain entry-level employment or promotion. A baccalaureate or higher degree is recommended for those considering professional careers such as Health Sciences, Health Care Management/Administration, Public Health, and other pre-professional Allied Health Programs.

Courses identified within the "Required Core" may have limitations on enrollments depicted by an asterisk (*). It is strongly advised that students reference the course descriptions in the Saddleback College catalog or consult with a counselor for assistance in outlining an educational plan to achieve this degree.

This program is not the Associate Degree in Nursing and does not meet the state Board of Registered Nursing requirements for licensure in the State of California. Students interested in achieving a degree in Nursing should see Registered Nurse Associate in Science.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Recognize and define the terminology of various health sciences.
- Differentiate between various health science fields and related majors.
- Demonstrate scientific and critical thinking skills related to the field of health science.

Required Core: Complete 18 units from the following

BIO 11*	Human Anatomy	4
BIO 12*	Human Physiology	4
BIO 13	Human Anatomy and Physiology	4
BIO 15*	General Microbiology	5
BIO 20	Introduction to Biology	4
<u>BIOL C1000</u>	<u>Introduction to Biology with Lab</u>	4
CHEM 3*	Fundamental Chemistry	4
CHEM 1A*	General Chemistry	5
CHEM 8	Introduction to General, Organic, and Biochemistry	4
Select both		
EMT 207*	Emergency Medical Technician Procedures	11
and		
EMT 207C*	Emergency Medical Technician Clinical Observation	1
EMT 210*	Emergency Medical Technician Refresher Course	1.5
EMT 219*	Paramedic Preparation	4

SADDLEBACK COLLEGE
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HLTH 111*	Introduction to Health Informatics	3
HLTH 1	Contemporary Health Issues	3
HLTH 2	First Aid, CPR, and Automated External Defibrillator	1.5
HLTH 3	Women's Health Issues	3
HSC 104	Medical Terminology	3
HSC 217	Cardiac Dysrhythmias	2
HSC 226*	Advanced Cardiac Life Support	2
HSC 227*	Pediatric Advanced Life Support	2
HSC 228	Calculations for Medication Administration	1
HSC 291	Management of Aggressive Behavior in Healthcare Settings	0.5
KNEA 180WE*	Pre-Therapy Work Experience	2
MA 206	Introduction to Medical Assisting	3
MA 211B	Physical-Examination Procedures	3
MA 212B	Medical Office Laboratory Procedures	3
MA 213B*	Medical Asepsis and Surgical Procedures	3
MA 214B	Medication Administration Procedures	3
MA 218B	Electrocardiography for the Medical Assistant	3
MLT 210	Introduction to the Clinical Laboratory Profession	1
MLT 211*	Basic Laboratory Procedures	1
N 160*	Pharmacology for Nursing	3
N 161	Lifecycle 2, Growth and Development	1.5
N 204	Beginning Nursing Concepts	2
N 212	Laboratory Values, Interpretation and Application	1.5
NUTR 50	Fundamentals of Nutrition	3
NUTR 161*	Clinical Nutrition	3
Total Units for the Major		18

HLTH 1	Contemporary Health Issues	3
HLTH 2	First Aid, CPR, and Automated External Defibrillator	1.5
HLTH 3	Women's Health Issues	3
HSC 104	Medical Terminology	3
HSC 217	Cardiac Dysrhythmias	2
HSC 226*	Advanced Cardiac Life Support	2
HSC 227*	Pediatric Advanced Life Support	2
HSC 228	Calculations for Medication Administration	1
HSC 291	Management of Aggressive Behavior in Healthcare Settings	0.5
KNEA 180WE*	Pre-Therapy Work Experience	2
MA 206	Introduction to Medical Assisting	3
MA 211B	Physical-Examination Procedures	3
MA 212B	Medical Office Laboratory Procedures	3
MA 213B*	Medical Asepsis and Surgical Procedures	3
MA 214B	Medication Administration Procedures	3
MA 218B	Electrocardiography for the Medical Assistant	3
MLT 210	Introduction to the Clinical Laboratory Profession	1
MLT 211*	Basic Laboratory Procedures	1
N 160*	Pharmacology for Nursing	3
N 161	Lifecycle 2, Growth and Development	1.5
N 204	Beginning Nursing Concepts	2
N 212	Laboratory Values, Interpretation and Application	1.5
NUTR 50	Fundamentals of Nutrition	3
NUTR 161*	Clinical Nutrition	3
PHIT 100*	Health Information Science	2
PHIT 111*	Introduction to Health Informatics	3

Total Units for the Major 18

*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.

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.

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

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**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
HIST 11	Perspectives of Peace Studies	3
HIST 12	Revolutions and Revolts	3
HIST 15	The Vietnam War	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 C1001	United States History to 1877	3
HIST C1002	United States History since 1865	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
HIST 11	Perspectives of Peace Studies	3
HIST 12	Revolutions and Revolts	3
HIST 15	The Vietnam War	3

SADDLEBACK COLLEGE
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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 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.

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 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 2026-2027

Current
Human Services Generalist
Certificate of Achievement

The Human Services (HS) Generalist Certificate of Achievement is a Career Technical Education program designed to provide historical and current perspectives of the basic issues within the human services field. It is an introduction to the growing career options within the helping professions field including, but not limited to, social work, psychology, sociology, anthropology, community-based corrections, and more. This program provides an opportunity to explore and work with diverse populations including children, adolescents, adults, and older adults. The HS Generalist program will enable students to make informed decisions about career directions and will prepare students for an array of careers in the behavioral health and the helping professions. This program option combines the Human Services behavioral core skills training and supervised experiential learning in beginning and advanced practicums in diverse Human Services Generalist fieldwork settings. The HS Generalist program serves as a natural gateway to the Social Work profession and other behavioral health career options. It provides students with the knowledge and skills to help individuals, groups, communities, and organizations function at optimal levels.

Completion of the five (5) Human Services Core Courses are prerequisites for the application to the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course and is required for the completion of the Human Services Generalist Program. Visit the Human Services website at www.saddleback.edu/programs-degrees/all-programs/human-services to review the HS Generalist Roadmap chart. Fieldwork and Seminar Information Sessions are scheduled at the end of the Fall and Spring semesters to inform students of the application process for HS 110. Check the Human Services website for the dates and times.

The application process is competitive, and completion of an application does not guarantee acceptance into the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course. A minimum grade of "C" in all courses is required to receive the certificate. Students who successfully complete the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course may self-enroll in the Fieldwork & Seminar II [HS 150] (Advanced Practicum) course

Program Student Learning Outcomes

Students who complete this program will be able to:

- Exemplify knowledge of the breadth of the Human Services profession.
- Engage human services intervention skills on a micro and macro level.
- Use Human Services behavioral core skills training and experiential learning in a human service setting.
- Impart effective rapport, and communication and attending skills.

Required Core:

HS 100*	Introduction to Human Services	3
HS 120*	Human Development in the Social Environment	3
HS 170	Alcohol and Other Drugs in Our Society	3
HS 174	Case Administration, Crisis Intervention and Referral	3
HS 105	Ethical Issues and Clients' Rights	3

Revised
Human Services Generalist
Certificate of Achievement

The Human Services (HS) Generalist Certificate of Achievement is a Career Technical Education program designed to provide historical and current perspectives of the basic issues within the human services field. It is an introduction to the growing career options within the helping professions field including, but not limited to, social work, psychology, sociology, anthropology, community-based corrections, and more. This program provides an opportunity to explore and work with diverse populations including children, adolescents, adults, and older adults. The HS Generalist program will enable students to make informed decisions about career directions and will prepare students for an array of careers in the behavioral health and the helping professions. This program option combines the Human Services behavioral core skills training and supervised experiential learning in beginning and advanced practicums in diverse Human Services Generalist fieldwork settings. The HS Generalist program serves as a natural gateway to the Social Work profession and other behavioral health career options. It provides students with the knowledge and skills to help individuals, groups, communities, and organizations function at optimal levels.

Completion of the five (5) Human Services Core Courses are prerequisites for the application to the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course and is required for the completion of the Human Services Generalist Program. Visit the Human Services website at www.saddleback.edu/programs-degrees/all-programs/human-services to review the HS Generalist Roadmap chart. Fieldwork and Seminar Information Sessions are scheduled at the end of the Fall and Spring semesters to inform students of the application process for HS 110. Check the Human Services website for the dates and times.

The application process is competitive, and completion of an application does not guarantee acceptance into the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course. A minimum grade of "C" in all courses is required to receive the certificate. Students who successfully complete the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course may self-enroll in the Fieldwork & Seminar II [HS 150] (Advanced Practicum) course.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Exemplify knowledge of the breadth of the Human Services profession.
- Engage human services intervention skills on a micro and macro level.
- Use Human Services behavioral core skills training and experiential learning in a human service setting.
- Impart effective rapport, and communication and attending skills.

Required Core:

HS 100*	Introduction to Human Services	3
HS 120	Human Development in the Social Environment	3
HS 170	Alcohol and Other Drugs in Our Society	3
HS 174	Case Administration, Crisis Intervention and Referral	3
HS 105	Ethical Issues and Clients' Rights	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

HS 131	Multicultural and Diverse Populations in the United States	3
HS 140	Group Leadership and Group Process	3
HS 177	Family Dynamics of Addition and Abuse	3
HS 176*	Co-Occurring Disorders	3
HS 110*	Field Instruction and Seminar I	3.5
HS 150*	Field Instruction and Seminar II	3.5
Restricted Electives (3 units)		
HS 112 ²	Conflict Resolution and Mediation	3
HS 172*	Physiological Effects and Pharmacology of Alcohol and Drugs	3
HS 171	Substance Abuse – Intervention, Treatment and Recovery	3
HS 187	Juvenile Violence, Gangs, and Victimization	3
HS 220	Benefits and Entitlement	3
SOC 1	Introduction to Sociology	3
or		
SOC 1H	Honors Introduction to Sociology	3
SOC 10	Introduction to Marriage and the Family	3
COUN 150	Helping Skills for Interpersonal Relationships	3
PSYC 25*	Psychology of Aging	3
Total Units for the Certificate 37		

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

HS 131	Multicultural and Diverse Populations in the United States	3
HS 140	Group Leadership and Group Process	3
HS 177	Family Dynamics of Addition and Abuse	3
HS 176*	Co-Occurring Disorders	3
HS 110*	Field Instruction and Seminar I	3.5
HS 150*	Field Instruction and Seminar II	3.5
Restricted Electives (3 units)		
HS 112	Conflict Resolution and Mediation	3
HS 172*	Physiological Effects and Pharmacology of Alcohol and Drugs	3
HS 171	Substance Abuse – Intervention, Treatment and Recovery	3
HS 187	Juvenile Violence, Gangs, and Victimization	3
HS 220	Benefits and Entitlement	3
SOCI C1000	Introduction to Sociology	3
or		
SOCI C1000H	Introduction to Sociology - Honors	3
SOC 10	Introduction to Marriage and the Family	3
PSYC 25*	Psychology of Aging	3
Total Units for the Certificate 37		

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Human Services Generalist
Associate of Science

The Human Services (HS) Generalist Associate of Science is a Career Technical Education program designed to provide historical and current perspectives of the basic issues within the human services field. It is an introduction to the growing career options within the helping professions field including, but not limited to, social work, psychology, sociology, anthropology, community-based corrections, and more. This program provides an opportunity to explore and work with diverse populations including children, adolescents, adults, and older adults. The HS Generalist program will enable students to make informed decisions about career directions ~~and will prepare students for four-year college degrees in field~~ of behavioral health and the helping professions. This program option combines the Human Services behavioral core skills training and supervised experiential learning in beginning and advanced practicums in diverse Human Services Generalist fieldwork settings. The HS Generalist program serves as a natural gateway to the Social Work profession and other behavioral health career options. It provides students with the knowledge and skills to help individuals, groups, communities, and organizations function at optimal levels.

Completion of the five (5) Human Services Core Courses are prerequisites for the application to the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course and is required for the completion of the Human Services Generalist Program. Visit the Human Services website at www.saddleback.edu/programs-degrees/all-programs/human-services to review the HS Generalist Roadmap chart. Fieldwork and Seminar Information Sessions are scheduled at the end of the Fall and Spring semesters to inform students of the application process for HS 110. Check the Human Services website for the dates and times.

The application process is competitive, and completion of an application does not guarantee acceptance into the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course. A minimum grade of "C" in all courses is required to receive the certificate. Students who successfully complete the Fieldwork and Seminar I [HS 110] (Beginning Practicum) course may self-enroll in the Fieldwork & Seminar II [HS 150] (Advanced Practicum) course.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Exemplify knowledge of the breadth of the Human Services profession.
- Engage human services intervention skills on a micro and macro level.
- Use Human Services behavioral core skills training and experiential learning in a human service setting.
- Impart effective rapport, and communication and attending skills.

Required Core:

HS 100*	Introduction to Human Services	3
HS 120*	Human Development in the Social Environment	3
HS 140	Group Leadership and Group Process	3
HS 170	Alcohol and Other Drugs in Our Society	3

Revised
Human Services Generalist
Associate of Science

The Human Services (HS) Generalist Associate of Science is a Career Technical Education program designed to provide historical and current perspectives of the basic issues within the human services field. It is an introduction to the growing career options within the helping professions field including, but not limited to, social work, psychology, sociology, anthropology, community-based corrections, and more. This program provides an opportunity to explore and work with diverse populations including children, adolescents, adults, and older adults. The HS Generalist program will enable students to make informed decisions about career directions in fields of behavioral health and the helping professions. This program option combines the Human Services behavioral core skills training and supervised experiential learning in beginning and advanced practicums in diverse Human Services Generalist fieldwork settings. The HS Generalist program serves as a natural gateway to the Social Work profession and other behavioral health career options. It provides students with the knowledge and skills to help individuals, groups, communities, and organizations function at optimal levels.

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- Exemplify knowledge of the breadth of the Human Services profession.
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- Use Human Services behavioral core skills training and experiential learning in a human service setting.
- Impart effective rapport, and communication and attending skills.

Required Core:

HS 100*	Introduction to Human Services	3
HS 120	Human Development in the Social Environment	3
HS 140	Group Leadership and Group Process	3
HS 170	Alcohol and Other Drugs in Our Society	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

HS 105	Ethical Issues and Clients' Rights	3
HS 174	Case Administration, Crisis Intervention and Referral	3
HS 131	Multicultural and Diverse Populations in the United States	3
HS 177	Family Dynamics of Addition and Abuse	3
HS 176*	Co-Occurring Disorders	3
HS 110*	Field Instruction and Seminar I	3.5
HS 150*	Field Instruction and Seminar II	3.5
Restricted Electives (3 units)		
HS 112*	Conflict Resolution and Mediation	3
HS 172*	Physiological Effects and Pharmacology of Alcohol and Drugs	3
HS 171	Substance Abuse – Intervention, Treatment and Recovery	3
HS 187	Juvenile Violence, Gangs, and Victimization	3
HS 220	Benefits and Entitlement	3
SOC 1	Introduction to Sociology	3
or		
SOC 1H	Honors Introduction to Sociology	3
SOC 10	Introduction to Marriage and the Family	3
COUN 150	Helping Skills for Interpersonal Relationships	3
PSYC 25*	Psychology of Aging	3
Total Units for the Major		37

*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.

HS 105	Ethical Issues and Clients' Rights	3
HS 174	Case Administration, Crisis Intervention and Referral	3
HS 131	Multicultural and Diverse Populations in the United States	3
HS 177	Family Dynamics of Addition and Abuse	3
HS 176*	Co-Occurring Disorders	3
HS 110*	Field Instruction and Seminar I	3.5
HS 150*	Field Instruction and Seminar II	3.5
Restricted Electives (3 units)		
HS 112	Conflict Resolution and Mediation	3
HS 172*	Physiological Effects and Pharmacology of Alcohol and Drugs	3
HS 171	Substance Abuse – Intervention, Treatment and Recovery	3
HS 187	Juvenile Violence, Gangs, and Victimization	3
HS 220	Benefits and Entitlement	3
SOCI C1000	Introduction to Sociology	3
or		
SOCI C1000H	Introduction to Sociology - Honors	3
SOC 10	Introduction to Marriage and the Family	3
PSYC 25*	Psychology of Aging	3
Total Units for the Major		37

*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 2026-2027

**Current
Liberal Studies
Associate of Arts**

The curriculum in the Liberal Studies Associate Degree program is designed for students transferring to a four-year college or university intending to pursue a Liberal Studies major.

Students planning to transfer to California State University (CSU), the University of California (UC), or an institution that accepts certification, should complete general education requirements for the associate degree by completing the California General Education Transfer Curriculum (Cal-GETC).

Program Student Learning Outcomes

Students who complete this program will be able to:

- Explain the values of a culture as expressed through its art or language.
- Demonstrate effective expository and persuasive writing skills.
- Develop a reasoned solution to a problem.
- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.

Required Core:

Select one

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

Select one

COMM C1000	Introduction to Public Speaking	3
or		
COMM C1000H	Introduction to Public Speaking - Honors	3
or		
COMM 5	Interpersonal Communication	3

Select one

POLS C1000	American Government and Politics	3
POLS C1000H	American Government and Politics - Honors	3

Group A: Select one course

COMM 2*	Persuasion	3
or		
COMM 3	Argumentation and Debate	3
or		
ENGL C1001*	Critical Thinking and Writing	3
or		
ENGL C1001H*	Critical Thinking and Writing - Honors	3
or		
ENG 70*	Critical Thinking, Reading, and Writing	3
or		
PHIL 12	Introduction to Logic	3

Group B: Select one course

HIST 16	History of the United States to 1876	3
or		
HIST 17	History of the United States Since 1876	3
or		
HIST 22	Survey of United States History	3

**Revised
Liberal Studies
Associate of Arts**

The curriculum in the Liberal Studies Associate Degree program is designed for students transferring to a four-year college or university intending to pursue a Liberal Studies major.

Students planning to transfer to California State University (CSU), the University of California (UC), or an institution that accepts certification, should complete general education requirements for the associate degree by completing the California General Education Transfer Curriculum (Cal-GETC).

Program Student Learning Outcomes

Students who complete this program will be able to:

- Explain the values of a culture as expressed through its art or language.
- Demonstrate effective expository and persuasive writing skills.
- Develop a reasoned solution to a problem.
- Evaluate new and accepted ideas about the natural universe using testable methodology.
- Evaluate the methods of inquiry and evidence used in the behavioral and social sciences.

Required Core:

Select one

ENGL C1000*	Academic Reading and Writing	4
ENGL C1000H*	Academic Reading and Writing - Honors	4

Select one

COMM C1000	Introduction to Public Speaking	3
or		
COMM C1000H	Introduction to Public Speaking - Honors	3
or		
COMM <u>C1004</u>	Interpersonal Communication	3

Select one

POLS C1000	American Government and Politics	3
POLS C1000H	American Government and Politics - Honors	3

Group A: Select one course

COMM 2*	Persuasion	3
or		
COMM 3	Argumentation and Debate	3
or		
ENGL C1001*	Critical Thinking and Writing	3
or		
ENGL C1001H*	Critical Thinking and Writing - Honors	3
or		
ENG 70*	Critical Thinking, Reading, and Writing	3
or		
PHIL 12	Introduction to Logic	3

Group B: Select one course

HIST <u>C1001</u>	<u>United States History to 1877</u>	3
or		
HIST <u>C1002</u>	<u>United States History since 1865</u>	3
or		
HIST 22	Survey of United States History	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Group C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
or		
MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
or		
MATH 3B*	Analytic Geometry and Calculus	5
or		
MATH 3C*	Analytic Geometry and Calculus	5
or		
MATH 8*	College Algebra for Brief Calculus	5
or		
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		
BUS 10*	Business Statistics	3
or		
MATH 11*	A Brief Course in Calculus	5
or		
MATH 14*	Mathematics for Elementary School Teachers	5
or		
MATH 24*	Elementary Differential Equations	4
or		
MATH 26*	Introduction to Linear Algebra	4
or		
MATH 103*	Mathematical Ideas	3
or		
MATH 124*	Trigonometry	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3

Total Units for the Major 19-21

*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.

Group C: Select one course

MATH 2*	Pre-Calculus Mathematics	5
or		
MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	5
or		
MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
or		
MATH 3C*	Analytic Geometry and Calculus	5
or		
MATH 8*	College Algebra for Brief Calculus	5
or		
STAT C1000*	Introduction to Statistics	3
or		
STAT C1000H*	Introduction to Statistics - Honors	3
or		
BUS 10*	Business Statistics	3
or		
MATH 11*	A Brief Course in Calculus	5
or		
MATH 14*	Mathematics for Elementary School Teachers	5
or		
MATH 24*	Elementary Differential Equations	4
or		
MATH 26*	Introduction to Linear Algebra	4
or		
MATH 103*	Mathematical Ideas	3
or		
MATH 124*	Trigonometry	3
or		
PSYC 44*	Statistics for the Behavioral Sciences	3

Total Units for the Major 19-21

*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 2026-2027

**Current
Library Technician
Certificate of Achievement**

The Library Technician Certificate of Achievement prepares individuals for employment for entry-level staff positions such as library technician, library assistant, library specialist, circulation clerk, or library technical assistant in a variety of library settings. Emphasis is on effective oral and written communication, interpersonal skills, competent use of technology, and various library systems and operations related to day-to-day duties in a library setting.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective oral and written communication.
- Demonstrate proficiency in Microsoft Office applications and other computer technology.
- Demonstrate knowledge of and searching for online and print library materials.

Required Core

LIB 100	Basic Information Competency Skills, Library Research	1
LIB 2H*	Honors Advanced Information Competency, Online Searching	3

Select one

ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
or		
BUS 103	Business English	3

Select one

COMM C1000	Introduction to Public Speaking	3
or		
COMM C1000H	Introduction to Public Speaking - Honors	3
or		
COMM 5	Interpersonal Communication	3
or		
BUS 102	Oral Business Communications	3

Select one

CIM 10	Introduction to Information Systems	3
or		
CIM 112	Microsoft Office	3
BUS 196	Workplace Success Skills	1

Total Units for the Certificate 14-15

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

**Revised
Library Technician
Certificate of Achievement**

The Library Technician Certificate of Achievement prepares individuals for employment for entry-level staff positions such as library technician, library assistant, library specialist, circulation clerk, or library technical assistant in a variety of library settings. Emphasis is on effective oral and written communication, interpersonal skills, competent use of technology, and various library systems and operations related to day-to-day duties in a library setting.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate effective oral and written communication.
- Demonstrate proficiency in Microsoft Office applications and other computer technology.
- Demonstrate knowledge of and searching for online and print library materials.

Required Core

LIB 100	Basic Information Competency Skills, Library Research	1
LIB 2H*	Honors Advanced Information Competency, Online Searching	3

Select one

ENGL C1000*	Academic Reading and Writing	4
or		
ENGL C1000H*	Academic Reading and Writing - Honors	4
or		
BUS 103	Business English	3

Select one

COMM C1000	Introduction to Public Speaking	3
or		
COMM C1000H	Introduction to Public Speaking - Honors	3
or		
COMM <u>C1004</u>	Interpersonal Communication	3
or		
BUS 102	Oral Business Communications	3

Select one

CIM 10	Introduction to Information Systems	3
or		
CIM 112	Microsoft Office	3

Complete

BUS 196	Workplace Success Skills	1
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Total Units for the Certificate 14-15

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Mathematics
Associate of Science**

The curriculum in the Mathematics Associate Degree program is designed to provide the transfer student the opportunity to achieve an associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate computational skills at a variety of levels.
- Apply critical thinking skills.
- Demonstrate proficiency in graphing.

Required Core

Select one

MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: (3.5 units)

CS 1B*	Introduction to Computer Science II	3.5
CS 4A*	Introduction to Java for Computer Science	3.5

Total Units for the Major 26.5

*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.

**Revised
Mathematics
Associate of Science**

The curriculum in the Mathematics Associate Degree program is designed to provide the transfer student the opportunity to achieve an associate degree. While a baccalaureate or higher degree is recommended for those considering majors related to this field, earning the Associate degree may support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate computational skills at a variety of levels.
- Apply critical thinking skills.
- Demonstrate proficiency in graphing.

Required Core

Select one

MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	5

Complete

MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
MATH 3C*	Analytic Geometry and Calculus	5
MATH 24*	Elementary Differential Equations	4
MATH 26*	Introduction to Linear Algebra	4

Restricted Electives: Select one course

CS 1B*	Introduction to Computer Science II	3.5
CS 4A*	Introduction to Java for Computer Science	3.5

Total Units for the Major 26.5

*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 2026-2027

Current
Medical Laboratory Technician
Certificate of Achievement

The Medical Laboratory Technician (MLT) Certificate of Achievement is a program for students who possess an associate or higher degree granted by a U.S. accredited educational institution or a foreign institution with courses evaluated for equivalency. This program prepares students for employment as an MLT working in a clinical medical laboratory. Medical laboratory technicians (MLTs) perform a wide variety of routine laboratory procedures and work in both public and private laboratories serving the health care sector. Completion of prerequisite courses will be required prior to entering the program. The program course of study is a combination of instruction in principles of laboratory theory and techniques as well as clinical experience at affiliated medical laboratories. Students must meet current clinical placement requirements found on the program's webpage to complete experiential courses and the program. Students learn to perform routine laboratory procedures in phlebotomy, microbiology, clinical chemistry, hematology, coagulation, immunohematology, and urinalysis. They also will learn to operate and maintain clinical laboratory equipment.

Graduates of the program qualify for state of California/ Department of Public Health, Laboratory Field Services-approved MLT certification examinations sponsored by the American Society of Clinical Pathologists (ASCP) Board of Certification or by the American Association of Bioanalysts (ABB) Board of Registry to become California licensed medical laboratory technicians.

Completion of the following courses with a grade of "C" or better is required prior to submission of an application to the MLT Program: ~~BIO 20 (INTRODUCTION TO BIOLOGY)~~ or one year of high school biology with a grade of "C" or better, BIO 15 (MICROBIOLOGY), BIO 13 (HUMAN ANATOMY AND PHYSIOLOGY), and CHEM 8 (INTRODUCTION TO GENERAL, ORGANIC, AND BIOCHEMISTRY).

Successful completion of courses will require that a grade of "C" or better be achieved. When a student fails to achieve a "C" or better in any course, the student will be given the opportunity to repeat the failed course once on a space available basis. If a student receives a second grade of less than a "C" in any Medical Laboratory Technology course, that student will be dropped from the Medical Laboratory Technology Program and will not be eligible for re-entry into the Saddleback College Medical Laboratory Technology program. A student may not enter Clinical Experience until all courses are completed with a grade of "C" or better.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Perform analytical testing in various areas of the clinical laboratory including clinical chemistry, microbiology, hematology, immunology, coagulation, and urinalysis, and related areas.
- Practice established safety procedures and communicate effectively and professionally with patients, laboratory personnel, and other members of the health care team.
- Participate in continuing education activities to maintain and improve professional competencies within the community as defined by the California Laboratory Field Services.
- Demonstrate preparation for applicable State of California approved certification exam.

Revised
Medical Laboratory Technician
Certificate of Achievement

The Medical Laboratory Technician (MLT) Certificate of Achievement is a program for students who possess an associate or higher degree granted by a U.S. accredited educational institution or a foreign institution with courses evaluated for equivalency. This program prepares students for employment as an MLT working in a clinical medical laboratory. Medical laboratory technicians (MLTs) perform a wide variety of routine laboratory procedures and work in both public and private laboratories serving the health care sector. Completion of prerequisite courses will be required prior to entering the program. The program course of study is a combination of instruction in principles of laboratory theory and techniques as well as clinical experience at affiliated medical laboratories. Students must meet current clinical placement requirements found on the program's webpage to complete experiential courses and the program. Students learn to perform routine laboratory procedures in phlebotomy, microbiology, clinical chemistry, hematology, coagulation, immunohematology, and urinalysis. They also will learn to operate and maintain clinical laboratory equipment.

Graduates of the program qualify for state of California/ Department of Public Health, Laboratory Field Services-approved MLT certification examinations sponsored by the American Society of Clinical Pathologists (ASCP) Board of Certification or by the American Association of Bioanalysts (ABB) Board of Registry to become California licensed medical laboratory technicians.

Completion of the following courses with a grade of "C" or better is required prior to submission of an application to the MLT Program: **BIOL C1000 (Introduction to Biology with Lab)** or one year of high school biology with a grade of "C" or better, BIO 15 (MICROBIOLOGY), BIO 13 (HUMAN ANATOMY AND PHYSIOLOGY), and CHEM 8 (INTRODUCTION TO GENERAL, ORGANIC, AND BIOCHEMISTRY).

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Program Student Learning Outcomes

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Program Admission Prerequisites:

Select one (0-4 units)

BIO 20	Introduction to Biology	4
or		
One year of high school biology with a grade of "C" or better		
BIO 15*	General Microbiology	5
BIO 13	Human Anatomy and Physiology	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4

Required Core:

MLT 210	Introduction to the Clinical Laboratory Profession	1
MLT 211*	Basic Laboratory Procedures	1
MLT 230*	Clinical Chemistry	5
MLT 232*	Clinical Microbiology	3
MLT 235*	Clinical Urinalysis	1
MLT 236*	Clinical Hematology and Coagulation	3
MLT 243*	Clinical Immunology – Immunohematology	3
MLT 242*	Clinical Chemistry Practicum	4
MLT 244*	Clinical Hematology, Coagulation, and Urinalysis Practicum	4
MLT 252*	Clinical Microbiology Practicum	4
MLT 253*	Clinical Immunology – Immunohematology Practicum	3
Select both		
PHLB 240*	Phlebotomy	4
and		
PHLB 180WE*	Phlebotomy Work Experience	2

Total Units for the Certificate 51-55

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

Program Admission Prerequisites:

Select one (0-4 units)

BIO 20	Introduction to Biology	4
or		
One year of high school biology with a grade of "C" or better		
BIO 15*	General Microbiology	5
BIO 13	Human Anatomy and Physiology	4
CHEM 8	Introduction to General, Organic, and Biochemistry	4

Required Core:

MLT 210	Introduction to the Clinical Laboratory Profession	1
MLT 211*	Basic Laboratory Procedures	1
MLT 230*	Clinical Chemistry	5
MLT 232*	Clinical Microbiology	3
MLT 235*	Clinical Urinalysis	1
MLT 236*	Clinical Hematology and Coagulation	3
MLT 243*	Clinical Immunology – Immunohematology	3
MLT 242*	Clinical Chemistry Practicum	4
MLT 244*	Clinical Hematology, Coagulation, and Urinalysis Practicum	4
MLT 252*	Clinical Microbiology Practicum	4
MLT 253*	Clinical Immunology – Immunohematology Practicum	3
Select both		
PHLB 240*	Phlebotomy	4
and		
PHLB 180WE*	Phlebotomy Work Experience	2

Total Units for the Certificate 51-55

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Medical Laboratory Technician
Associate of Science

The Medical Laboratory Technician (MLT) Associate of Science program prepares students for employment as a MLT working in a clinical medical laboratory. Medical laboratory technicians (MLTs) perform a wide variety of routine laboratory procedures and work in both public and private laboratories serving the health care sector. Completion of prerequisite courses will be required prior to entering the program. The program course of study is a combination of instruction in principles of laboratory theory and techniques as well as clinical experience at affiliated medical laboratories. Students must meet current clinical placement requirements found on the program's webpage to complete experiential courses and the program. Students learn to perform routine laboratory procedures in phlebotomy, microbiology, clinical chemistry, hematology, coagulation, immunohematology, and urinalysis. They also will learn to operate and maintain clinical laboratory equipment.

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Program Student Learning Outcomes

Students who complete this program will be able to:

- Perform analytical testing in various areas of the clinical laboratory including clinical chemistry, microbiology, hematology, immunology, coagulation, and urinalysis, and related areas.
- Practice established safety procedures and communicate effectively and professionally with patients, laboratory personnel, and other members of the health care team.
- Participate in continuing education activities to maintain and improve professional competencies within the community as defined by the California Laboratory Field Services.
- Demonstrate preparation for applicable State of California approved certification exam.

Revised
Medical Laboratory Technician
Associate of Science

The Medical Laboratory Technician (MLT) Associate of Science program prepares students for employment as a MLT working in a clinical medical laboratory. Medical laboratory technicians (MLTs) perform a wide variety of routine laboratory procedures and work in both public and private laboratories serving the health care sector. Completion of prerequisite courses will be required prior to entering the program. The program course of study is a combination of instruction in principles of laboratory theory and techniques as well as clinical experience at affiliated medical laboratories. Students must meet current clinical placement requirements found on the program's webpage to complete experiential courses and the program. Students learn to perform routine laboratory procedures in phlebotomy, microbiology, clinical chemistry, hematology, coagulation, immunohematology, and urinalysis. They also will learn to operate and maintain clinical laboratory equipment.

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- Demonstrate preparation for applicable State of California approved certification exam.

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Program Admission Prerequisites:

Select one (0-4 units)

~~BIO 20~~ **Introduction to Biology** 4

or

One year of high school biology with a grade of "C" or better

BIO 15* General Microbiology 5

BIO 13 Human Anatomy and Physiology 4

CHEM 8 Introduction to General, Organic, and
Biochemistry 4

Required Core:

MLT 210 Introduction to the Clinical Laboratory
Profession 1

MLT 211* Basic Laboratory Procedures 1

MLT 230* Clinical Chemistry 5

MLT 232* Clinical Microbiology 3

MLT 235* Clinical Urinalysis 1

MLT 236* Clinical Hematology and Coagulation 3

MLT 243* Clinical Immunology –
Immunohematology 3

MLT 242* Clinical Chemistry Practicum 4

MLT 244* Clinical Hematology, Coagulation, and
Urinalysis Practicum 4

MLT 252* Clinical Microbiology Practicum 4

MLT 253* Clinical Immunology –
Immunohematology Practicum 3

Select both

PHLB 240* Phlebotomy 4
and

PHLB 180WE* Phlebotomy Work Experience 2

Total Units for the Major 51-55

*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.

Program Admission Prerequisites:

Select one (0-4 units)

BIOL C1000 Introduction to Biology with Lab 4

or

One year of high school biology with a grade of "C" or better

BIO 15* General Microbiology 5

BIO 13 Human Anatomy and Physiology 4

CHEM 8 Introduction to General, Organic, and
Biochemistry 4

Required Core:

MLT 210 Introduction to the Clinical Laboratory
Profession 1

MLT 211* Basic Laboratory Procedures 1

MLT 230* Clinical Chemistry 5

MLT 232* Clinical Microbiology 3

MLT 235* Clinical Urinalysis 1

MLT 236* Clinical Hematology and Coagulation 3

MLT 243* Clinical Immunology –
Immunohematology 3

MLT 242* Clinical Chemistry Practicum 4

MLT 244* Clinical Hematology, Coagulation, and
Urinalysis Practicum 4

MLT 252* Clinical Microbiology Practicum 4

MLT 253* Clinical Immunology –
Immunohematology Practicum 3

Select both

PHLB 240* Phlebotomy 4
and

PHLB 180WE* Phlebotomy Work Experience 2

Total Units for the Major 51-55

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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

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Music Composition
Certificate of Achievement**

The completion of this Certificate of Achievement in Music Composition prepares students for transfer into a Bachelors of Arts in Music degree in Music Composition. This program is part of a group of stackable certificates in specialty areas that are built upon the Basic Music Skills Certificate of Achievement. During the program, students will develop the music composition portfolios that they will submit as part of their transfer applications. The certificate includes basic skills in Music Theory and Musicianship. The certificate also emphasizes composition for small and large ensembles in a variety of classical music genres. 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:

- Complete voice leading exercises and Roman Numeral Analysis of simple chord progressions
- Distinguish between classical and jazz forms, including Theme and Variations, Rondo, and Sonata
- Take harmonic dictation of chord progressions, melodies, and rhythms
- Accurately sing melodies, solfege, and rhythms
- Compose for solo, chamber and various size large ensembles including Wind Symphonies and Orchestras
- Identify historically important composers
- Identify historically important musical eras and their style components

Required Core:

MUS 10*	Harmony I	3
MUS 11*	Harmony II	3
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
MUS 15*	Music Composition	3
MUS 18*	Advanced Music Composition	3

Restricted Electives: (2.5-3 units)

MUS 130	Music Production I	2.5
MUS 14*	Jazz Composition and Arranging	3

Total Units for the Certificate 16.5-17

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

**Revised
Music Composition
Certificate of Achievement**

The completion of this Certificate of Achievement in Music Composition prepares students for transfer into a Bachelors of Arts in Music degree in Music Composition. This program is part of a group of stackable certificates in specialty areas that are built upon the Basic Music Skills Certificate of Achievement. During the program, students will develop the music composition portfolios that they will submit as part of their transfer applications. The certificate includes basic skills in Music Theory and Musicianship. The certificate also emphasizes composition for small and large ensembles in a variety of classical music genres. 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:

- Complete voice leading exercises and Roman Numeral Analysis of simple chord progressions
- Distinguish between classical and jazz forms, including Theme and Variations, Rondo, and Sonata
- Take harmonic dictation of chord progressions, melodies, and rhythms
- Accurately sing melodies, solfege, and rhythms
- Compose for solo, chamber and various size large ensembles including Wind Symphonies and Orchestras
- Identify historically important composers
- Identify historically important musical eras and their style components

Required Core:

MUS 10*	Harmony I	3
MUS 11*	Harmony II	3
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
MUS 15*	Music Composition	3
MUS 18*	Advanced Music Composition	3

Restricted Electives: Select one course

MUS 2	History of Film Music	3
MUS 14*	Jazz Composition and Arranging	3
MUS 130	Music Production I	2.5

Total Units for the Certificate 16.5-17

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Musical Theatre
Associate of Arts**

The Associate of Arts degree in Musical Theater is designed for students interested in entering Musical Theatre as a career. This program trains students to sing, act, and dance which are the skills needed to become a successful triple threat in the industry. The Musical Theater A.A. degree will prepare students for transfer who are interested in pursuing further education and training to major in Musical Theater or Acting at a four-year institution as well as support career goals for those who want to enter the profession immediately.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate proficiency in acting by being able to break down a scene into its component part and perform in front of a class and an audience.
- Demonstrate proficiency in singing by singing in front of a class and an audience.
- Demonstrate proficiency in dancing by performing choreographed dance routines in front of a class and an audience.

Required Core

MUS 81*	Intermediate Voice	1.5
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
ETT 40	Stagecraft	3
TA 1	Fundamentals of Acting	3
TA 2*	Scene Study I	3
TA 10	Musical Theatre Techniques	3
TA 107*	Scene Study for American Musical Theatre	3
DANC 52	Ballet Dancing Level I	1
DANC 53*	Intermediate Ballet	1
Select one		
DANC 58	Jazz Dancing Level I	1
or		
DANC 59*	Intermediate Jazz Dancing	1
Select one		
DANC 60	Introduction to Tap Dancing	1
or		
DANC 61	Tap Dancing Level I	1
or		
DANC 62*	Intermediate Tap Dancing	1

Restricted Electives: Complete 3 units

TA 3*	Scene Study II	3
TA 12*	Directing	3
TA 15*	Rehearsal and Performance - Drama	3
TA 16*	Rehearsal and Performance - Comedy	3
TA 17*	Rehearsal and Performance - Mixed Genres	3
TA 19*	Rehearsal and Performance - Musical Theatre	3

**Revised
Musical Theatre
Associate of Arts**

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Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate proficiency in acting by being able to break down a scene into its component part and perform in front of a class and an audience.
- Demonstrate proficiency in singing by singing in front of a class and an audience.
- Demonstrate proficiency in dancing by performing choreographed dance routines in front of a class and an audience.

Required Core

MUS 81*	Intermediate Voice	1.5
MUS 92*	Musicianship I	1
MUS 93*	Musicianship II	1
ETT 40	Stagecraft	3
TA 1	Fundamentals of Acting	3
TA 2*	Scene Study I	3
TA 10	Musical Theatre Techniques	3
TA 107*	Scene Study for American Musical Theatre	3
DANC 52	Ballet Dancing Level I	1
DANC 53*	Intermediate Ballet	1
Select one		
DANC 58	Jazz Dancing Level I	1
or		
DANC 59*	Intermediate Jazz Dancing	1
Select one		
DANC 60	Introduction to Tap Dancing	1
or		
DANC 61	Tap Dancing Level I	1
or		
DANC 62*	Intermediate Tap Dancing	1

Restricted Electives: Complete 3 units

TA 3*	Scene Study II	3
TA 12*	Directing	3
TA 15*	Rehearsal and Performance - Drama	3
TA 16*	Rehearsal and Performance - Comedy	3
TA 17*	Rehearsal and Performance - Mixed Genres	3
TA 19*	Rehearsal and Performance - Musical Theatre	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

TA 108	Audition Techniques	3
MUS 35*	Contemporary Choir	2
TA 4*	Acting Styles I	3
TA 20	Theatre Appreciation	3
TA 22	Musical Theatre History and Appreciation	3
TA 43	Stage Make-Up	3
TA 190	Acting for Television and Film	3
ETT 41*	Lighting Design Fundamentals	3
ETT 42	Costume Design	3
ETT 101*	Fundamentals of Design and Graphics for Theatre	3
DANC 51	Introduction to Ballet	1
DANC 51	Introduction to Ballet	1-5
DANC 54	Introduction to Modern Dance	1
DANC 54	Introduction to Modern Dance	1-5
DANC 55*	Modern Dance Level I	1
DANC 55*	Modern Dance Level I	1-5
DANC 56*	Intermediate Modern Dance	1
DANC 56*	Intermediate Modern Dance	1-5
DANC 67*	Pointe Ballet	1
DANC 67*	Pointe Ballet	1-5
DANC 71*	Advanced Ballet	1
DANC 71*	Advanced Ballet	1-5
DANC 72*	Advanced Modern Dance	1
DANC 72*	Advanced Modern Dance	1-5
DANC 73*	Advanced Jazz Dance	1
DANC 73*	Advanced Jazz Dance	1-5
DANC 75*	Advanced Tap Dance	1
DANC 78	Hip Hop	1
DANC 79*	Hip Hop Level I	1
DANC 80*	Intermediate Hip Hop	1
DANC 81*	Advanced Hip Hop	1

Total Units for the Major 25.5

*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

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TA 108	Audition Techniques	3
MUS 35*	Contemporary Choir	2
TA 4*	Acting Styles I	3
TA 20	Theatre Appreciation	3
TA 22	Musical Theatre History and Appreciation	3
TA 43	Stage Make-Up	3
TA 190	Acting for Television and Film	3
ETT 41*	Lighting Design Fundamentals	3
ETT 42	Costume Design	3
ETT 101*	Fundamentals of Design and Graphics for Theatre	3
DANC 51	Introduction to Ballet	1-1.5
DANC 54	Introduction to Modern Dance	1-1.5
DANC 55*	Modern Dance Level I	1-1.5
DANC 56*	Intermediate Modern Dance	1-1.5
DANC 67*	Pointe Ballet	1-1.5
DANC 71*	Advanced Ballet	1-1.5
DANC 72*	Advanced Modern Dance	1-1.5
DANC 73*	Advanced Jazz Dance	1-1.5
DANC 75*	Advanced Tap Dance	1
DANC 78	Hip Hop	1
DANC 79*	Hip Hop Level I	1
DANC 80*	Intermediate Hip Hop	1
DANC 81*	Advanced Hip Hop	1

Total Units for the Major 25.5

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Associate of Arts Degree

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current
Nonprofit Business Administration
Certificate of Completion

The Certificate of Completion in Nonprofit Business Administration prepares individuals to ~~work successfully in the various aspects of the Nonprofit business environment. Positions for which this program prepares students include management, finance, fundraising.~~

Program Student Learning Outcomes

Students who complete this program will be able to:

- ~~Be able to~~ identify and illustrate management best practices for leading a nonprofit organization including major areas of responsibility for nonprofit leaders, such as strategy, managing employees, fundraising, grant writing, board governance, and marketing and social media.
- ~~Be able to~~ identify and explain the finance and development (fundraising) aspects of a nonprofit organization, including major areas of responsibility for nonprofit finance, such as financial statements, budgeting, resource allocation, and grant writing.
- ~~Be able to~~ identify legal aspects of starting and operating a nonprofit organization, including legal structure, receiving and maintaining tax-exempt status, trustee and director liability, and Internet considerations.

Required Core

BUS 421NC	Nonprofit Business Management	33.2
BUS 422NC	Nonprofit Business Finance	33.2
BUS 423NC*	Legal Aspects of Nonprofit Organizations	16.6

Total Hours for the Certificate 83.0

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

Revised
Nonprofit Business Administration
Certificate of Completion

The Certificate of Completion in Nonprofit Business Administration prepares individuals to serve as managers, staff members, or volunteers in nonprofit organizations, with a focus on management, finance, operations, and fundraising. This program equips students with the specialized knowledge and skills needed to succeed in the nonprofit sector — competencies that differ from those typically required in the for-profit business environment.

Program Student Learning Outcomes

Students who complete this program will be able to:

- identify and illustrate management best practices for leading a nonprofit organization including major areas of responsibility for nonprofit leaders, such as strategy, managing employees, fundraising, grant writing, board governance, and marketing and social media.
- identify and explain the finance and development (fundraising) aspects of a nonprofit organization, including major areas of responsibility for nonprofit finance, such as financial statements, budgeting, resource allocation, and grant writing.
- identify legal aspects of starting and operating a nonprofit organization, including legal structure, receiving and maintaining tax-exempt status, trustee and director liability, and Internet considerations.

Required Core

BUS 421NC	Nonprofit Business Management	33.2
BUS 422NC	Nonprofit Business Finance	33.2
BUS 423NC*	Legal Aspects of Nonprofit Organizations	16.6

Total Hours for the Certificate 83.0

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

Code Corrections

- Program Goal from ~~O - Local~~ to **C - CTE**
- CDCP Eligibility Criteria from ~~J - Workforce Preparation~~ to **I - Short-Term Vocational**

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Physics
Associate of Science**

The curriculum in the Physics Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate of Science degree. While a baccalaureate or higher degree is recommended for those considering majors in engineering, biological sciences, or physics, earning the associate degree may also support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate understanding of classical (or Newtonian) and fluid dynamics.
- Demonstrate understanding of classical electricity and magnetism.
- Demonstrate understanding of quantum mechanics, nuclear physics, optics and the special theory of relativity.

Required Core

Select one

MATH 3A*	Analytic Geometry and Calculus	5
or		
MATH 3AH*	Honors Analytic Geometry and Calculus	5
MATH 3B*	Analytic Geometry and Calculus	5
PHYS 4A*	General Physics	5
PHYS 4B*	General Physics	5
PHYS 4C*	General Physics	5

Total Units for the Major 25

*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.

**Revised
Physics
Associate of Science**

The curriculum in the Physics Associate Degree program is designed to provide the transfer student the opportunity to achieve an Associate of Science degree. While a baccalaureate or higher degree is recommended for those considering majors in engineering, biological sciences, or physics, earning the associate degree may also support attempts to gain entry-level employment or promotion.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate understanding of classical (or Newtonian) and fluid dynamics.
- Demonstrate understanding of classical electricity and magnetism.
- Demonstrate understanding of quantum mechanics, nuclear physics, optics and the special theory of relativity.

Required Core

Select one

MATH <u>C2210*</u>	<u>Calculus I: Early Transcendentals</u>	5
or		
MATH <u>C2210H*</u>	<u>Calculus I: Early Transcendentals - Honors</u>	5
MATH <u>C2220*</u>	<u>Calculus II: Early Transcendentals</u>	5
PHYS 4A*	General Physics	5
PHYS 4B*	General Physics	5
PHYS 4C*	General Physics	5

Total Units for the Major 25

*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.

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Current

**Public Health Informatics and Technology
Certificate of Achievement**

This certificate provides skills and knowledge to work in a new, multidisciplinary field. Students will be introduced to the basic concepts of public health infrastructure, data analysis and reporting, public health informatics and information systems, health services organization and delivery methods, data interchange standards, disruptive innovation, and data integrity, privacy, and security. Students can explore careers in the fields of public health, health information management, IT, and health informatics specifically as Medical Records Specialists, Health Information Technologists, and Medical Registrars. The certificate is for both entry-level individuals and for providing additional competencies to those employed in various fields.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Explain the use of information systems support public health policies and practices
- Describe the concept of informatics in individual, organizational, regional, and global contexts
- Describe the concept of interoperability and data exchange standards
- Apply statistical and analytic techniques to analyze and interpret applications based on data from sources

Required Core:

HIT 100* Health Information Science 2

Select one

~~**STAT C1000*** Introduction to Statistics 3~~

~~or~~

~~**STAT C1000H*** Introduction to Statistics Honors 3~~

~~or~~

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

~~or~~

~~**BUS 10*** Business Statistics 3~~

HIT 230 Introduction to Public Health Informatics and Technology 3

HIT 240 Public Health Data Reporting Techniques 3

HIT 111* Introduction to Health Informatics 3

Total Units for the Certificate 14

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

Revised

**Public Health Informatics and Technology
Certificate of Achievement**

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Students who complete this program will be able to:

- Explain the use of information systems support public health policies and practices
- Describe the concept of informatics in individual, organizational, regional, and global contexts
- Describe the concept of interoperability and data exchange standards
- Apply statistical and analytic techniques to analyze and interpret applications based on data from sources

Required Core:

PHIT 100* Health Information Science 2

PH 1 Introduction to Public Health 3

CIM 8* Introduction to Data Science 3

PHIT 230 Introduction to Public Health Informatics and Technology 3

PH 110 Health Systems and Perspectives 3

PHIT 240 Public Health Data Reporting Techniques 3

PHIT 111* Introduction to Health Informatics 3

Total Units for the Certificate 20

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

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Registered Nurse
Certificate of Achievement**

The Nursing Program at Saddleback College offers a curriculum that qualifies the graduate to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The program provides graduates with the education necessary to become competent entry level registered nurses, to obtain employment in a variety of settings, and to provide quality patient centered care.

ENROLLMENT PROCEDURES

See the program's webpage for the current enrollment procedures and criteria.

~~The Nursing Program at Saddleback College is an impacted program, therefore students who hold F-1 (student visas) will not be considered for admission to the Nursing Program.~~

The program is approved by the California Board of Registered Nursing (BRN) and accredited by the Accreditation Commission for Education in Nursing (ACEN).

California Board of Registered Nursing
P. O. Box 944210
Sacramento, CA 94244
916-322-3350 or <http://www.rn.ca.gov>

Accrediting Commission for Education in Nursing, Inc.
3343 Peachtree Road, NE, Suite 850
Atlanta, Georgia 30326
404-975-5000 or www.acenursing.org

The Nursing Program offers evidence-based theory and clinical nursing courses that build upon a foundation of biological, psychological, and social sciences, as well as communication skills, and critical thinking, to prepare competent entry level professional registered nurses. The Nursing Program focuses on a strong medical surgical foundation, and the application of nursing process across the lifespan in a variety of healthcare settings to deliver high quality health care. Leadership skills and lifelong learning are emphasized as the student nurse takes on the role of the professional RN.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate sufficient preparation to pass the NCLEX upon first attempt.
- Promote and maintain a safe environment by integrating current evidence-based practice, the nursing process, and skill competency to deliver quality health care.
- Demonstrate the knowledge, skills, and attitudes required of the professional nurse as defined by the California Nurse Practice Act and standards of nursing practice.

**Revised
Registered Nurse
Certificate of Achievement**

The Nursing Program at Saddleback College offers a curriculum that qualifies the graduate to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The program provides graduates with the education necessary to become competent entry level registered nurses, to obtain employment in a variety of settings, and to provide quality patient centered care.

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Required prerequisites prior to Nursing Clinical Sequence:

BIO 11*	Human Anatomy	4
BIO 15*	General Microbiology	5
BIO 12 * ***	Human Physiology	4
Select one		
ENGL C1000* ****	Academic Reading and Writing	4
or		
ENGL C1000H* ****	Academic Reading and Writing	
	- Honors	4

Eligible for Entry into Nursing Clinical Sequence:

<i>Semester I</i>		
N 160* **	Pharmacology for Nursing	3
N 165**	Lifecycle 1, Fundamentals of Aging	1.5
N 170*	Nursing Process	3
N 170L* #	Nursing Process Lab	4.5
N 171*	Mental Health Nursing	2
N 171L* #	Mental Health Nursing Lab	1
<i>Semester II</i>		
PSYC C1000**	Introduction to Psychology	3
or		
PSYC C1000H**	Introduction to Psychology - Honors	3
N 161**	Lifecycle 2, Growth and Development	1.5
N 172*	Medical-Surgical Nursing	3.5
N 172L* #	Medical-Surgical Nursing Lab	5
<i>Semester III</i>		
N 173*	Nursing Care of Children and Families	1.5
N 173L* #	Nursing Care of Children and Families Lab	2
N 174*	Women's Health Nursing	1.5
N 174L* #	Women's Health Nursing Lab	2
<i>Semester IV</i>		
COMM C1000* **	Introduction to Public Speaking	3
or		
COMM C1000H* **	Introduction to Public Speaking	
	- Honors	3
or		
COMM 5**	Interpersonal Communication	3
N 176*	Advanced Nursing	3
N 176L* #	Advanced Nursing Lab	5

Total Units for the Certificate 63

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

**Courses can be taken prior to entry into the program.

***Human Physiology must have been completed within the last 7 years.

#Clinical course

****Freshman Composition 3-unit equivalent course will be accepted

Required prerequisites prior to Nursing Clinical Sequence:

BIO 11*	Human Anatomy	4
BIO 15*	General Microbiology	5
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Select one		
ENGL C1000* ****	Academic Reading and Writing	4
or		
ENGL C1000H* ****	Academic Reading and Writing	
	- Honors	4

Eligible for Entry into Nursing Clinical Sequence:

<i>Semester I</i>		
N 160* **	Pharmacology for Nursing	3
N 165**	Lifecycle 1, Fundamentals of Aging	1.5
N 170*	Nursing Process	3
N 170L* #	Nursing Process Lab	4.5
N 171*	Mental Health Nursing	2
N 171L* #	Mental Health Nursing Lab	1
<i>Semester II</i>		
PSYC C1000**	Introduction to Psychology	3
or		
PSYC C1000H**	Introduction to Psychology - Honors	3
N 161**	Lifecycle 2, Growth and Development	1.5
N 172*	Medical-Surgical Nursing	3.5
N 172L* #	Medical-Surgical Nursing Lab	5
<i>Semester III</i>		
N 173*	Nursing Care of Children and Families	1.5
N 173L* #	Nursing Care of Children and Families Lab	2
N 174*	Women's Health Nursing	1.5
N 174L* #	Women's Health Nursing Lab	2
<i>Semester IV</i>		
COMM C1000* **	Introduction to Public Speaking	3
or		
COMM C1000H* **	Introduction to Public Speaking	
	- Honors	3
or		
COMM <u>C1004</u> **	Interpersonal Communication	3
N 176*	Advanced Nursing	3
N 176L* #	Advanced Nursing Lab	5

Total Units for the Certificate 63

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Registered Nurse
Associate of Science**

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Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate sufficient preparation to pass the NCLEX upon first attempt.
- Promote and maintain a safe environment by integrating current evidence-based practice, the nursing process, and skill competency to deliver quality health care.
- Demonstrate the knowledge, skills, and attitudes required of the professional nurse as defined by the California Nurse Practice Act and standards of nursing practice.

**Revised
Registered Nurse
Associate of Science**

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Required prerequisites prior to Nursing Clinical Sequence:

BIO 11*	Human Anatomy	4
BIO 15*	General Microbiology	5
BIO 12 * ***	Human Physiology	4
Select one		
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or		
ENGL C1000H* ****	Academic Reading and Writing - Honors	4

Eligible for Entry into Nursing Clinical Sequence:

<i>Semester I</i>		
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N 170*	Nursing Process	3
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N 161**	Lifecycle 2, Growth and Development	1.5
N 172*	Medical-Surgical Nursing	3.5
N 172L* #	Medical-Surgical Nursing Lab	5
<i>Semester III</i>		
N 173*	Nursing Care of Children and Families	1.5
N 173L* #	Nursing Care of Children and Families Lab	2
N 174*	Women's Health Nursing	1.5
N 174*L #	Women's Health Nursing Lab	2
<i>Semester IV</i>		
COMM C1000* **	Introduction to Public Speaking	3
or		
COMM C1000H* **	Introduction to Public Speaking - Honors	3
or		
COMM 5**	Interpersonal Communication	3
N 176*	Advanced Nursing	3
N 176L* #	Advanced Nursing Lab	5

Total Units for the Major 63

Required prerequisites prior to Nursing Clinical Sequence:

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N 174*	Women's Health Nursing	1.5
N 174*L #	Women's Health Nursing Lab	2
<i>Semester IV</i>		
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or		
COMM C1000H* **	Introduction to Public Speaking - Honors	3
or		
COMM C1004 **	Interpersonal Communication	3
N 176*	Advanced Nursing	3
N 176L* #	Advanced Nursing Lab	5

Total Units for the Major 63

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

**Courses can be taken prior to entry into the program.

***Human Physiology must have been completed within the last 7 years.

#Clinical course

****Freshman Composition 3-unit equivalent course will be accepted

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Associate of Science Degree

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General Education Requirements for Associate Degrees

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Studio Arts
Associate of Arts**

The A.A. in Studio Arts prepares individuals to generally function as creative artists in visual media. Includes instruction in the traditional fine arts media (drawing, painting, sculpture, printmaking) and/or modern media (ceramics, textiles, intermedia, photography, digital images), theory of art, color theory, composition and perspective, anatomy, the techniques and procedures for maintaining equipment and managing a studio, and art portfolio marketing. The Studio Arts A.A. degree provides transfer preparation for students interested in pursuing further education in Studio Arts or Fine Arts. While a baccalaureate or higher degree is recommended, earning the associate degree would demonstrate achievement and will support entrepreneurial students in starting their own creative careers and art related work.

Program Student Learning Outcomes

Students who complete this program will be able to:

- Demonstrate critical thinking and problem solving skills needed to develop a personal aesthetic.
- Demonstrate practical skills that translate into a higher level of qualification for transfer or employment in the areas of illustration, painting, printmaking, ceramics, sculpture, jewelry, metalsmithing, photography, art education, museum studies, art sales, digital arts and many other art related careers.
- Demonstrate skills to pursue lifelong learning in the areas of studio arts.

Required Core

ART 40	2-D Foundations	3
ART 41*	Three-Dimensional Design	3
ART 50*	Painting - I	3
ART 80	Drawing I	3
ART 85*	Drawing from the Live Model I	3
ARTH 25	Survey of Art History—Ancient Worlds to Gothic	3
ARTH 26*	Survey of Western Art History—Renaissance to Contemporary	3
PHOT 50	Digital Photography I	3
ART 143*	Professional Practices: Launching a Creative Career	3

Restricted Electives: Select four courses (12 units)

ART 9*	Ceramics Fundamentals	3
ART 10*	Ceramics - Handbuilding I	3
ART 14*	Ceramics - Handbuilding II	3
ART 15*	Ceramics - Handbuilding III	3
ART 11*	Ceramics - Wheel I	3
ART 12*	Ceramics - Wheel II	3
ART 13*	Ceramics - Wheel III	3
ART 150*	Architectural Ceramics I	3
ART 20	Beginning Graphic Design	3
or		
GD 20	Beginning Graphic Design	3

**Revised
Studio Arts
Associate of Arts**

The A.A. in Studio Arts prepares individuals to generally function as creative artists in visual media. Includes instruction in the traditional fine arts media (drawing, painting, sculpture, printmaking) and/or modern media (ceramics, textiles, intermedia, photography, digital images), theory of art, color theory, composition and perspective, anatomy, the techniques and procedures for maintaining equipment and managing a studio, and art portfolio marketing. The Studio Arts A.A. degree provides transfer preparation for students interested in pursuing further education in Studio Arts or Fine Arts. While a baccalaureate or higher degree is recommended, earning the associate degree would demonstrate achievement and will support entrepreneurial students in starting their own creative careers and art related work.

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ART 40	2-D Foundations	3
ART 41*	Three-Dimensional Design	3
ART 50*	Painting - I	3
ART 80	Drawing I	3
ART 85*	Drawing from the Live Model I	3
ARTH <u>C1100</u>	<u>Survey of Art from Prehistory to the Medieval Era</u>	3
ARTH <u>C1200</u>	<u>Survey of Art from the Renaissance to Contemporary</u>	3
PHOT 50	Digital Photography I	3
ART 143*	Professional Practices: Launching a Creative Career	3

Restricted Electives: Select four courses (12 units)

ART 9*	Ceramics Fundamentals	3
ART 10*	Ceramics - Handbuilding I	3
ART 14*	Ceramics - Handbuilding II	3
ART 15*	Ceramics - Handbuilding III	3
ART 11*	Ceramics - Wheel I	3
ART 12*	Ceramics - Wheel II	3
ART 13*	Ceramics - Wheel III	3
ART 150*	Architectural Ceramics I	3
ART 20	Beginning Graphic Design	3
or		
GD 20	Beginning Graphic Design	3

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

ART 42*	Color Theory and Practice	3
ART 51*	Painting - II	3
ART 52*	Painting - III	3
ART 53*	Painting from the Live Model I	3
ART 54*	Painting from the Live Model II	3
ART 57*	Watercolor I	3
ART 58*	Watercolor II	3
ART 59*	Watercolor III	3
ART 161*	Opaque Watercolor	3
ART 60*	Printmaking I	3
ART 61*	Printmaking II	3
ART 62*	Printmaking III	3
ART 164*	Printmaking IV	3
ART 63	Introduction to Screen Printing	3
or		
GC 63	Introduction to Screen Printing	3
ART 70	Fundamentals of Sculpture	3
ART 71*	Additive Sculpture	3
ART 72*	Subtractive Sculpture	3
ART 81*	Drawing II	3
ART 82*	Drawing III	3
ART 86*	Drawing from the Live Model II	3
ART 87*	Drawing from the Live Model III	3
ART 141	Graphic Rendering Techniques	3
or		
GD 141	Graphic Rendering Techniques	3
ART 142	Package Design	3
or		
GD 142	Package Design	3
ART 145	Graphic Illustration	3
or		
GD 145	Graphic Illustration	3
ART 175*	Metal Casting	3
ART 171*	Metalsmithing & Jewelry I	3
ART 172*	Metalsmithing & Jewelry II	3
ART 173*	Metalsmithing & Jewelry III	3
ART 174*	Metalsmithing & Jewelry IV	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
PHOT 55*	Digital Photography II	3
PHOT 152*	Intermediate Photoshop and Digital Imaging	3
PHOT 153*	Advanced Photoshop & Digital Imaging	3
PHOT 154*	Alternative Digital Processes	3
PHOT 156*	Digital Photography III	3
PHOT 157*	Studio Lighting	3
PHOT 167*	Creative Photographic Lighting	3
PHOT 177*	Portraiture Photography	3
ARTH 100	Art Gallery Display and Exhibition	3
BUS 160	Entrepreneurship	3

Total Units for the Major 39

ART 42*	Color Theory and Practice	3
ART 51*	Painting - II	3
ART 52*	Painting - III	3
ART 53*	Painting from the Live Model I	3
ART 54*	Painting from the Live Model II	3
ART 57*	Watercolor I	3
ART 58*	Watercolor II	3
ART 59*	Watercolor III	3
ART 161*	Opaque Watercolor	3
ART 60*	Printmaking I	3
ART 61*	Printmaking II	3
ART 62*	Printmaking III	3
ART 164*	Printmaking IV	3
ART 63	Introduction to Screen Printing	3
or		
GC 63	Introduction to Screen Printing	3
ART 70	<u>Sculpture I</u>	3
ART 71*	<u>Sculpture II</u>	3
ART 72*	<u>Sculpture III</u>	3
ART 81*	Drawing II	3
ART 82*	Drawing III	3
ART 86*	Drawing from the Live Model II	3
ART 87*	Drawing from the Live Model III	3
ART 141	Graphic Rendering Techniques	3
or		
GD 141	Graphic Rendering Techniques	3
ART 142	Package Design	3
or		
GD 142	Package Design	3
ART 145	Graphic Illustration	3
or		
GD 145	Graphic Illustration	3
ART 175*	Metal Casting	3
ART 171*	Metalsmithing & Jewelry I	3
ART 172*	Metalsmithing & Jewelry II	3
ART 173*	Metalsmithing & Jewelry III	3
ART 174*	Metalsmithing & Jewelry IV	3
PHOT 51*	Introduction to Photoshop and Digital Imaging	3
PHOT 55*	Digital Photography II	3
PHOT 152*	Intermediate Photoshop and Digital Imaging	3
PHOT 153*	Advanced Photoshop & Digital Imaging	3
PHOT 154*	Alternative Digital Processes	3
PHOT 156*	Digital Photography III	3
PHOT 157*	Studio Lighting	3
PHOT 167*	Creative Photographic Lighting	3
PHOT 177*	Portraiture Photography	3
ARTH 100	Art Gallery Display and Exhibition	3
BUS 160	Entrepreneurship	3

Total Units for the Major 39

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

*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.

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

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SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

**Current
Surgical Technology
Associate of Science**

The Surgical Technology program is designed to train students to become Surgical Technologists working alongside surgeons in an operating room. Students learn to prepare the patient, operating room, and equipment for surgical procedures. Students learn in the classroom and lab as well as the clinical setting. Students are required to meet current clinical placement requirements. Career options include employment in hospitals or surgical centers. Please see the Surgical Technology program website for current admission standards and application process.

The Surgical Technology Program is seeking accreditation in 2025-2026 by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of The Accreditation Review Council on Education in Surgical Technology and Surgical Assisting. Commission on Accreditation of Allied Health Education Programs, 9355-113th St. N., #7709 Seminole, FL 33775, (727) 210-2350.

A program must have been CAAHEP accredited during your enrollment to be eligible to take the National Board of Surgical Technology and Surgical Assisting (NBSTSA) exam. For more information, visit the NBSTSA website:

<https://www.nbstsa.org/csfa-first-timeretake-applicants#scrollNav-o>

Program Student Learning Outcomes

Students who complete this program will be able to:

- Cognitive domain: Evaluate the scope of practice for the Surgical Technologist, incorporating ethical, legal, and professional principles.
- Cognitive domain: Demonstrate mastery and integration into practice concepts of basic sciences, aseptic technique, surgical technology skills, and a surgical conscience as established in the AST core curriculum.
- Cognitive domain: Test successfully for the national certification exam, administered by NBSTSA.
- Affective domain: Practice professionalism and facilitate a therapeutic holistic environment when interacting with patients, families, and members of the healthcare team.
- Affective domain: Display respect for the diversity of others including, but not limited to, sociocultural, socioeconomic, spiritual, and lifestyle choices.
- Affective domain: Adhere to a lifelong learning commitment and the need to improve their practice based on current evidence.
- Psychomotor domain: Reproduce HIPPA, OSHA, Standard Precautions, and other infection control measures required in the healthcare setting.
- Psychomotor domain: Illustrate the importance of adhering to regulations/measures as set forth by governing agencies.
- Psychomotor domain: Demonstrate practices that will ensure safe patient-centered care and anticipate the needs of the surgical team in the perioperative setting.
- Psychomotor domain: Operate within the workforce as qualified and technically skilled healthcare professional.

**Revised
Surgical Technology
Associate of Science**

The Surgical Technology program is designed to train students to become Surgical Technologists working alongside surgeons in an operating room. Students learn to prepare the patient, operating room, and equipment for surgical procedures. Students learn in the classroom and lab as well as the clinical setting. Students are required to meet current clinical placement requirements. Career options include employment in hospitals or surgical centers. Please see the Surgical Technology program website for current admission standards and application process.

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Program Student Learning Outcomes

Students who complete this program will be able to:

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- Psychomotor domain: Demonstrate practices that will ensure safe patient-centered care and anticipate the needs of the surgical team in the perioperative setting.
- Psychomotor domain: Operate within the workforce as qualified and technically skilled healthcare professional.

SADDLEBACK COLLEGE
REVISED PROGRAMS
ACADEMIC YEAR 2026-2027

Program Admission Prerequisites:

HSC 104	Medical Terminology	3
BIO 13	Human Anatomy and Physiology	4
COMM 5	Interpersonal Communication	3

Required Core:

BIO 45*	Biology of Human Disease	3
SURG 210*	Surgical Technology Fundamentals	3
SURG 210L*	Surgical Technology Fundamentals Lab	2
SURG 220*	Surgical Procedures	4
SURG 220L*	Surgical Procedures Lab	2.5
SURG 230*	Advanced Surgical Procedures	4
SURG 230L*	Advanced Surgical Procedures Lab	2.5
SURG 240*	Operating Room Clinical Practicum	4.5
SURG 250*	Operating Room Clinical Practicum II	4.5

Total Units for the Major 40

*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

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Program Admission Prerequisites:

HSC 104	Medical Terminology	3
BIO 13	Human Anatomy and Physiology	4
COMM <u>C1004</u>	Interpersonal Communication	3

Required Core:

BIO 45*	Biology of Human Disease	3
SURG 210*	Surgical Technology Fundamentals	3
SURG 210L*	Surgical Technology Fundamentals Lab	2
SURG 220*	Surgical Procedures	4
SURG 220L*	Surgical Procedures Lab	2.5
SURG 230*	Advanced Surgical Procedures	4
SURG 230L*	Advanced Surgical Procedures Lab	2.5
SURG 240*	Operating Room Clinical Practicum	4.5
SURG 250*	Operating Room Clinical Practicum II	4.5

Total Units for the Major 40

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Associate of Science Degree

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