



Mechanical (HVAC/Piping/Plumbing Systems) A.S. Degree - Cal-GETC GE

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 67-70

First Year

Semester 1

15-16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	EDT 310 *	Technical Graphics With CAD I	3	
Maj	EDT 312 **	Technical Graphics With CAD II	3	
GE	ENGL C1000 ** / 488 ^{H+} / ESLW 340 +	Academic Reading & Writing	3-4	Cal-GETC Area 1A
GE		***Mathematical Concepts & Quantitative Reasoning	3	Cal-GETC Area 2
GE		Humanities	3	Cal-GETC Area 3B

+Prerequisite for EDT 312: EDT 310 with a grade of "C" or better

***Students will need to take EDT 310 during the 1st 8 week term and EDT 312 during the 2nd 8 week term.**

****If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGL 80/ENGL C1000 combo course.**

+Prerequisite for ENGL 488: ESL 325 with a grade of "C" or better, or placement through the assessment process

+Prerequisite for ESLW 340: ESL 325 with a grade of "C" or better; or, for students not previously enrolled in ESL writing courses within the Los Rios district, placement through the Los Rios assessment process

*****Choose one of the recommended courses under your STEM placements. (Check your eServices account.) Meet with a counselor for recommended Math options.**

Semester 2

15 Units

Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

PLEASE SEE AN SCC COUNSELOR.

AA/AS Requirements

Associate Degrees require the following:

1. **Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los**

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	EDT 316 ⁺	REVIT-Architectural	3	
Maj	EDT 340	Plumbing and Piping Systems Design I	3	
GE		Social & Behavioral Sciences	3	Cal-GETC Area 4
GE		Ethnic Studies	3	Cal-GETC Area 6
GE		Critical Thinking & Composition	3	Cal-GETC Area 1B

+Prerequisite for EDT 316: EDT 310 with a grade of "C" or better.

Summer Term

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		*Social & Behavioral Sciences	3	Cal-GETC Area 4
GE		Arts	3	Cal-GETC Area 3A

*Cal-GETC Area 4 requires 2 courses from different disciplines. Select a course from Cal-GETC Area 4 from a different discipline than the previously completed Cal-GETC Area 4 course.

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	EDT 317 ⁺	REVIT-MEP	3	
Maj	EDT 332 ⁺	Building Mechanical Design Documents	3	
Maj	EDT 336	Building Mechanical Systems Design	3	
Maj	EDT 342	Plumbing and Piping Systems Design II	3	
GE		Biological Science	3	Cal-GETC Area 5B

+Prerequisite for EDT 317: EDT 310 with a grade of "C" or better

+Prerequisite for EDT 332: EDT 310 with a grade of "C" or better; or concurrent enrollment in EDT 310

Semester 4

16-18 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	EDT 318	Beginning 3D Modeling-CREO	3	

Rios Community College District.

2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of the California a General Education Transfer Curriculum (Cal-GETC). Areas 1 through 6 must be completed with a grade of "C" or better.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to learn more about how test scores may be used for credit.

Placement Information

Check your eServices account under "Academic Records" to determine your Math and English placements.

Important Links

- [SCC General Counseling](#)
- [Engineering Design Technology - Mechanical \(HVAC/Piping/Plumbing Systems\)](#)
- [Science, Math, & Engineering Meta Majors](#)

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Physical Science	3	Cal-GETC Area 5A
GE		*Associate Lab Component	1	Cal-GETC Area 5C
ME		**Major Elective	3-4	
ME		**Major Elective	3-4	

*Cal-GETC Area 5C will not be required if a laboratory activity is included in 5A or 5B.

**Major Elective - A minimum of 5 units from the following: (Choose two courses): EDT 320+, EDT 352+, EDT 356, MATH 373+, SURVY 300, SURVY 310+

+Prerequisite for EDT 320: EDT 310 with a grade of "C" or better; or concurrent enrollment

+Prerequisite for EDT 352: EDT 310 with a grade of "C" or better; or concurrent enrollment

+Prerequisite for MATH 373: Intermediate Algebra or equivalent (Integrated Math 3) with a grade of "C-" or better OR through the placement process; students who have a STEM 3 or STEM 5 placement level (check your eServices account) are not eligible to take MATH 373

+Prerequisite for SURVY 310: EDT 310 with a grade of "C" or better