



Mechanical (HVAC/Piping/Plumbing Systems) A.S. Degree

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: 2025-26

Total Units: 60-63

First Year

Semester 1

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 310 *	Technical Graphics With CAD I	3	
Maj	EDT 312 **	Technical Graphics With CAD II	3	
GE		**Mathematical Concepts & Quantitative Reasoning	3	L2
GE	INDIS 313 ***	Freshman Seminar	3	L7B
GE		Physical Education	1	L7A
Elec		****Elective	2	

+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.**

**Choose one of the recommended courses under your STEM placements (check your eServices account).

***INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC Local AA/AS General Education Area L7B, such as HCD 310-College Success.

****Electives may include any courses numbered 100-499.

Semester 2

15-16 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 316 *	REVIT-Architectural	3	
Maj	EDT 340	Plumbing and Piping Systems Design I	3	
GE		Social & Behavioral Sciences	3	L4
GE	ENGL C1000* / ENGWR 488 ^H / ESLW 340	Academic Reading & Writing	3-4	L1A
GE		Arts & Humanities	3	L3

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 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 Sacramento City College's local AA/AS degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; Area L6; Area L7A and L7B – with an overall 2.0 GPA. Students also have an option of completing the California General Education Transfer Curriculum (Cal-GETC) instead of the local general education pattern.

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

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

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
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		Ethnic Studies	3	L6

+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

15-17 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	EDT 318	Beginning 3D Modeling-CREO	3	
GE		Oral Communication & Critical Thinking	3	L1B
GE		Natural Sciences	3	L5
ME		*Major Elective	3-4	
ME		*Major Elective	3-4	

*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

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.

Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.

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](#)