



Mechanical (HVAC/Piping/Plumbing Systems) A.S. Degree - Local 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: 60-63

First Year

Semester 1

13-14 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	SCC Local Area L1A
GE	INDIS 313 *** / HCD 310	Life Development Skills	3	SCC Local Area L7B
GE		Physical Education	1	SCC Local Area L7A

+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

*****First-time college students who would like to participate in First-Year Experience (FYE) should take INDIS 313. All other students can take HCD 310 or speak with a counselor regarding their choices.**

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		Ethnic Studies	3	SCC Local Area L6
GE		*Mathematical Concepts & Quantitative Reasoning	3	SCC Local Area L2
GE		Arts & Humanities	3	SCC Local Area L3

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

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

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		Social & Behavioral Sciences	3	SCC Local Area L4

+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

17-19 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	EDT 318	Beginning 3D Modeling-CREO	3	
GE		Oral Communication & Critical Thinking	3	SCC Local Area L1B
GE		Natural Sciences	3	SCC Local Area L5

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 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 the general education 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](#)

CAT.	COURSE	TITLE	UNIT	GE AREA
ME		*Major Elective	3-4	
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Elec		**Elective	2	

*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

Electives may include any courses numbered 100-499. **Meet with a counselor to discuss potential elective course options.

- Engineering Design Technology - Mechanical (HVAC/Piping/Plumbing Systems)
- Science, Math, & Engineering Meta Majors