



# Mechanical (HVAC/Piping/Plumbing Systems) Certificate

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:** 32

## First Year

### Semester 1

**6 Units**

CAT.	COURSE	TITLE	UNIT
Maj	EDT 310 *	Technical Graphics With CAD I	3
Maj	EDT 312 **	Technical Graphics With CAD II	3

**+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.**

### Semester 2

**6 Units**

CAT.	COURSE	TITLE	UNIT
Maj	EDT 316 *	REVIT-Architectural	3
Maj	EDT 340	Plumbing and Piping Systems Design I	3

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

## Second Year

### Semester 3

**12 Units**

CAT.	COURSE	TITLE	UNIT
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

**+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

**8 Units**

CAT.	COURSE	TITLE	UNIT
Maj	EDT 318	Beginning 3D Modeling-CREO	3
ME		*Major Electives	3

### 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.**

### Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

### Important Links

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

CAT.	COURSE	TITLE	UNIT
ME		*Major Electives	2

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

**+Prerequisite for EDT 320:** EDT 310 with grades of "C" or better or equivalent (may be taken concurrently with EDT 320)

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

**+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

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