



Mechanical-Electrical Technology 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: 83-84

First Year

Other Term

4 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
PreReq	HVAC 250*	Introduction to Mechanical-Electrical Technology	1	
GE		Arts	3	Cal-GETC Area 3A

*HVAC 250 is offered prior to the start of the term. Refer to the class schedule

and speak with a counselor as you begin your program.

Semester 1

12 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	HVAC 256 ⁺	Fundamentals of Instruments and Electricity	1.5	
Maj	HVAC 257 ⁺	Fundamentals of Workplace Success	1.5	
Maj	OEHS 110	Cal/OSHA 10 General Safety	1	
Maj	HVAC 351 ⁺	Basic Mechanical Systems	5	
Maj	HVAC 352 ⁺	Mechanical Systems Calculations	2	
Maj	HVAC 357 ⁺	Drawing Mechanical Systems	1	

+ Prerequisite for HVAC 256, 257, 351: HVAC 250 with a grade of "C" or better

+ Prerequisite for HVAC 352, 357: HVAC 250 and MET 250 with grades of "C" or better

Semester 2

15-16 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	HVAC 360 ⁺	Mechanical Systems Maintenance	1.5	
Maj	HVAC 361 ⁺	Refrigeration Systems	3	
Maj	HVAC 362 ⁺	Refrigeration Systems Calculations	3	
Maj	HVAC 363 ⁺	Refrigerant Transition and Recovery Processes and Procedures	1.5	
Maj	HVAC 364 ⁺	Electrical Controls	3	
GE	ENGL C1000 [*] / 488 ^H / ESLW 340	College Composition	3-4	Cal-GETC Area 1A

+ Prerequisite for HVAC 360: HVAC 256, HVAC 257, HVAC 351, HVAC 357, MET 256, MET 257, MET 351, and MET 357 with grades of "C" or better

+ Prerequisite for HVAC 361: HVAC 351 with a grade of "C" or better

+ Prerequisite for HVAC 362: HVAC 351 and 352 with grades of "C" or better

+ Prerequisite for HVAC 363: HVAC 351 or MET 351 with a grade of "C" or better

+ Prerequisite for HVAC 364: HVAC 256, HVAC 351, HVAC 352, HVAC 357, MET 256, MET 351, MET 352, and MET 357 with grades 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.

Summer Term

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Social & Behavioral Sciences	3	Cal-GETC Area 4
GE		Humanities	3	Cal-GETC Area 3B

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 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.

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](#)
- [Mechanical-Electrical Technology](#)

Second Year

Semester 3

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	HVAC 371 ⁺	Gas-Fired Heating Equipment	3	
Maj	HVAC 372 ⁺	Power Machinery, Heating and Air Conditioning Calculations	3	
Maj	HVAC 373 ⁺	Piping and Electrical Drafting and Blueprint Reading	3	
Maj	HVAC 374 ⁺	Automatic Control Systems I	3	
GE	MATH 300 [*]	Introduction to Mathematical Ideas	3	Cal-GETC Area 2

+ Prerequisite for HVAC 371: HVAC 351, MET 360, and MET 364 with grades of "C" or better

+ Prerequisite for HVAC 372: HVAC 361 and 362 with grades of "C" or better

+ Prerequisite for HVAC 373: HVAC 361, MET 360, and MET 364 with grades of "C" or better

+ Prerequisite for HVAC 374: HVAC 361, MET 361, and MET 364 with grades of "C" or better

*If you don't place directly in MATH 300 (check your eServices account), you will need to take MATHS 95/MATH 300 combo course.

Semester 4

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	HVAC 381 ⁺	Air Conditioning	3	
Maj	HVAC 383 ⁺	Instrumentation	3	
Maj	HVAC 384 ⁺	Automatic Control Systems II	3	
Maj	HVAC 388 ⁺	Heat Pump Operation and Load Calculations	3	
GE		Critical Thinking & Composition	3	Cal-GETC Area 1B

- Business & Industry Meta Major
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+ Prerequisite for HVAC 381: MET 371 and 372 with grades of "C" or better

+ Prerequisite for HVAC 383: MET 371, 372, 373, and 374 with grades of "C" or better

+ Prerequisite for HVAC 384: HVAC 371, HVAC 374, MET 371, and MET 374 with grades of "C" or better

+ Prerequisite for HVAC 388: HVAC 371, HVAC 372, HVAC 373, MET 371, MET 372, and MET 373 with grades of "C" or better

Summer Term

3 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Physical Science	3	Cal-GETC Area 5A

Third Year

Semester 5

13 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication	3	Cal-GETC Area 1C
GE		*Social and Behavioral Sciences	3	Cal-GETC Area 4
GE		Biological Science	3	Cal-GETC Area 5B
GE		**Associate Lab Component	1	Cal-GETC Area 5C
GE		Ethnic Studies	3	Cal-GETC Area 6

*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.

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