



Railroad Operations A.S. Degree - Cohort 1 - 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: 2025-26

Total Units: 60-61

Start Term: Fall

First Year

Semester 1 - Fall

15-16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	RAILR 100	History of Railroading	3	
GE	ENGL C1000* / ENGWR 488 ^H / ESLW 340	Academic Reading and Writing	3-4	Cal-GETC Area 1A
GE		Social and Behavioral Sciences	3	Cal-GETC Area 4
GE	MATH 300**	Introduction to Mathematical Ideas	3	Cal-GETC Area 2
Elec	INDIS 313*** / HCD 310	Elective	3	

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

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

***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 - Spring

12 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	RAILR 102	Railroad Technical Careers	3	
Maj	RAILR 120	Railroad Operations	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.

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

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	RAILR 122	Railroad Safety, Quality, and Environment	3	
GE		Humanities	3	Cal-GETC Area 3B

Summer Term

7 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	RAILR 140 ⁺	Railroad General Code of Operating Rules	4	
Maj	RAILR 142 ⁺	Railroad Field Operations	3	

+Prerequisite for RAIL 140: RAILR 120 and 122 with grades of "C" or better

+Prerequisite for RAIL 142: RAILR 120, RAILR 122, and RAILR 140 with grades of "C" or better

Semester 3 - Fall

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Physical Science	3	Cal-GETC Area 5A
GE		*Social and Behavioral Sciences	3	Cal-GETC Area 4
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B
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.

Semester 4 - Spring

11 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Arts	3	Cal-GETC Area 3A
GE		Biological Science	3	Cal-GETC Area 5B
GE		*Associate Lab Component	1	Cal-GETC Area 5C
Elec		**Elective	3	
Elec		**Elective	1	

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

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 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.

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](#)

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

Railroad Operations

Business & Industry Meta Majors

Published April 29, 2026