



Railroad Operations A.S. Degree - Cohort 1

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: 2024-25

Total Units: 60-61

First Year

Fall Semester

12-13 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	RAILR 100	History of Railroading	3	
GE	INDIS 313*	Freshman Seminar	3	IIIB
GE	ENGWR 300** / 488 ^H / ESLW 340	College Composition	3-4	IIA
Elec		***Elective	3	

***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 General Education Area IIIb, such as HCD 310-College Success.**

**If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.

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

Spring Semester

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	RAILR 102	Railroad Technical Careers	3	
Maj	RAILR 120	Railroad Operations	3	
Maj	RAILR 122	Railroad Safety, Quality, and Environment	3	
GE	MATH 300*	Introduction to Mathematical Ideas	3	IIB
Elec		**Elective	3	

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

*Electives may include any courses numbered 100-499.

Summer Semester

7 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
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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 at Sacramento City College.
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 general education requirements](#) – Area I; Area II(a) and II(b); Area III(a) and III(b), or Area III(c); Area IV; Area V; and Area VI – with an overall 2.0 GPA.
4. Completion of all three [competency requirements](#) (reading, writing, and mathematics).

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.

CAT.	COURSE	TITLE	UNIT	AA/AS GE
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

Fall Semester

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
GE		American Institutions	3	VA
GE		Natural Sciences	3	IV
GE		Social and Behavioral Sciences	3	VB
Elec		*Elective	3	
Elec		*Elective	3	

*Electives may include any courses numbered 100-499.

Spring Semester

11 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
GE		Physical Education	1	IIIA
GE		Ethnic/Multicultural Studies	3	VI
GE		Humanities	3	I
Elec		*Elective	3	
Elec		*Elective	1	

*Electives may include any courses numbered 100-499.

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

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your placements.**

Important Links

[SCC General Counseling](#)

[Railroad Operations](#)

[Business & Industry Meta Majors](#)