

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

Total Units: 60-61

First Year

Fall Semester

12-13 Units

| CAT. | COURSE | TITLE | UNIT | GE AREA |
|------|--|------------------------------------|------|--------------------|
| Maj | RAILR 100 | History of Railroading | 3 | |
| GE | INDIS 313* | Freshman Seminar | 3 | SCC Local Area L7B |
| GE | ENGL C1000** / ENGWR 488 ^H / ESLW 340 | Academic Reading and Writing | 3-4 | SCC Local Area L1A |
| 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 L7B, such as HCD 310-College Success.

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

Spring Semester

15 Units

| CAT. | COURSE | TITLE | UNIT | GE AREA |
|------|-----------|---|------|-------------------|
| 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 | SCC Local Area L2 |
| Elec | | **Elective | 3 | |

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

Summer Semester

7 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:

- 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 Rios Community College District.
- Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
- 3. Completion of <u>Sacramento City Colleg</u>
 e's local AA/AS degree general educat
 ion requirements Area L1A and L1B;
 Area L2; Area L3; Area L4; Area L5;
 and Area L6; and Area L7A and L7B –
 with an overall 2.0 GPA. Students also
 have an option of completing the <u>Calif</u>
 ornia General Education Transfer Curr
 iculum (Cal-GETC) instead of the local
 general education pattern.

^{***}Electives may include any courses numbered 100-499.

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| 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

Fall Semester

15 Units

| CAT. | COURSE | TITLE | UNIT | GE AREA |
|------|--------|--|------|--------------------|
| GE | | Oral Communication & Critical Thinking | 3 | SCC Local Area L1B |
| GE | | Natural Sciences | 3 | SCC Local Area L5 |
| GE | | Social and Behavioral Sciences | 3 | SCC Local Area L4 |
| Elec | | *Elective | 3 | |
| Elec | | *Elective | 3 | |

^{*}Electives may include any courses numbered 100-499.

Spring Semester

11 Units

| CAT. | COURSE | TITLE | UNIT | GE AREA |
|------|--------|---------------------|------|--------------------|
| GE | | Physical Education | 1 | SCC Local Area L7A |
| GE | | Ethnic Studies | 3 | SCC Local Area L6 |
| GE | | Arts and Humanities | 3 | SCC Local Area L3 |
| Elec | | *Elective | 3 | |
| Elec | | *Elective | 1 | |

^{*}Electives may include any courses numbered 100-499.

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 Railroad Operations Business & Industry Meta Majors

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