

# Railroad Operations, AAS

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The JCCC associate's degree program in Railroad Operations prepares the students with the foundational information and skills needed to serve in the railway industry. The program will focus on the safe and proper procedures needing to be followed in the following career fields: carman, machinists, welders, conductors, or signal maintainers.

Interested students should meet with a JCCC counselor as early as possible.

(Major Code 2980; State CIP Code 49.0208)

Railroad Science Program web page (<http://www.jccc.edu/academics/credit/railroad-science/>)

## Associate of Applied Science Degree

### General Education Requirements

ENGL 121	Composition I*	3
Communications Elective		3
Humanities Elective		3
Science and/or Math Elective		3
Social Science and/or Economics Elective		3
<b>Total Hours</b>		<b>15</b>

^ See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-applied-science/>)

### Railroad Core Requirements

CMGT 100	Industrial Safety/OSHA-30	3
or CMGT 150	Construction Safety/OSHA-30	
RRT 120	History of Railroading	3
RRT 121	Railroad Technical Careers	3
RRT 150	Railroad Operations	3
RRT 165	Railroad Safety, Quality and Environment	3
<b>Total Hours</b>		<b>15</b>
Railroad Technical Electives		11
NOTE: Railroad Technical electives are any course with RREL, RRIT or RRTC prefix.		
Business Related Electives		12
NOTE: Business electives are any course with BUS, BLAW, MKT, CPCA prefix.		
Electives		10
<b>Total Hours</b>		<b>33</b>

**Total Program Hours: 63**