

## Railroad Conductor Certificate

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The railroad conductor certificate program prepares students for an exciting and well-paying career as a railroad conductor. The more than 500 companies that make up the United States railroad industry provide the country's freight and passenger transportation service on a network of some 300,000 route miles of track. Railroads employ a substantial workforce.

(Major Code 4410; CIP Code 49.0208)

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

### Program Learning Outcomes

Johnson County Community College (JCCC) is committed to offering high-quality affordable programs that focus on developing knowledge and skills conducive to life-long learning. Both the General Education Student Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/learning-outcomes.html>) and Institutional Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/institutional-learning-outcomes.html>) convey JCCC's approach to programmatic outcomes. Additionally, students who successfully complete the Railroad Conductor Certificate from JCCC will be able to:

- Communicate operational information accurately using signals.
- Correctly and accurately display and interpret track flags.
- Conduct train operations in accordance with authorizations and provided timetable data.
- Demonstrate the knowledge and skills pertaining to railroad industry history, careers, operations, safety, quality, environment, procedures, and operating rules.

### Certificate Requirements

#### Required Courses

Code	Title	Hours
RRT 100	Introduction to the Railroad Industry	2
RRTC 123	Introduction to Conductor Service*	4
RRTC 175	Conductor Mechanical Operation*	2
RRTC 261	Conductor Service*	2
RRTC 263	General Code of Operating Rules*	4
RRTC 267	Conductor Field Application*	4
<b>Total Hours</b>		<b>18</b>

**Total Program Hours: 18**

\* This course has registration requirements.