

Railroad Conductor Certificate

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
Total Hours		18

Total Program Hours: 18

* This course has registration requirements.