

# Railroad Mechanical Welding Certificate

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JCCC's railroad industrial technology certificate program is open to BNSF employees and/or approved students.

Enrollment is subject to the approval of the BNSF Railway training director and JCCC division administrator.

This certificate is designed to address the training needs for railway mechanical welders. Upon successful completion of this program, you should be able to demonstrate safe operating procedures for welding applications, perform skill competencies involving a variety of processes and positions, pass code welding requirements according to AWS D15.1, and perform welding operations as needed.

(Major Code 3190; State CIP Code 49.0208)

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

## Required Courses

RRIT 160	Basic Welding*	3
RRIT 162	Structural Stick Welding*	3
RRIT 164	Structural Wire Welding*	3
RRIT 166	Mechanical Welding Air Brake Pipe*	3
or RRIT 168	Sheet Metal Welding*	
Total Hours		12

**Total Program Hours: 12**