

# Railroad Structural Welding Certificate

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JCCC's railroad industrial technology certificate program is OPEN ONLY TO BNSF RAILWAY EMPLOYEES.

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 structural 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 D1.5, and perform welding operations as needed.

(Major Code 4530; State CIP Code 49.0208)

- Railroad Science (<http://www.jccc.edu/academics/transportation/railroad>)

## Required Courses

RRIT 122	Elements of Welding*	3
RRIT 123	Basic Welding*	3
RRIT 137	Structural Welding SMAW*	3
RRIT 138	Structural Welding FCAW*	3
RRIT 142	Structural Pile Welding*	3

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<b>Total Hours</b>		<b>15</b>
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**Total Program Hours: 15**