

Locomotive Electrical Certificate

This 12 hour locomotive-Electrical Vocational Certificate program is designated to introduce the student to the basic electrical theory and concepts related to locomotive electrical systems, including the operations, maintenance, and troubleshooting of EMD Low Horsepower locomotive electrical systems. Also, it includes the basic operation, maintenance, repair requirements and trouble shooting of EMD diesel engines and support systems, and the GE Dash 8/9 locomotive systems.

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

(Major Code 4370; State CIP Code 49.0299)

Required Courses

RRTM 142	Locomotive Electricity*	3
RRTM 143	Low Horsepower Electrical*	3
RRTM 144	EMD Basic Electrical*	3
RRTM 145	GE Dash 8/9 Electrical Systems*	3
Total Hours		12

Total Program Hours: 12