

Railroad Signal Certificate

This certificate is designed to prepare the student for an exciting and well-paying career as a railroad signalman by exposure to the basic information and skills necessary to perform the assigned duties of a signalman in a safe and professional manner.

Signaling plays a vital role in railroad operations. As signaling technology has increased in complexity, so has the need for a more qualified employee. Signalmen must be proficient at designing, installing, maintaining, and troubleshooting mechanical, electrical, and electronic equipment, as well as entire computerized signal systems.

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

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

(Major Code 5300; CIP Code 49.0208)

Required Courses

RREL 110	Introduction to Railroad Signal Systems*	4
RREL 112	Track Circuits and Systems*	4
RREL 114	Traffic Control, Switch Machines & Locks*	4
RREL 116	Interlocking, Classification, Crossings & Gates*	4
Total Hours		16

Total Program Hours: 16

* This course has registration requirements.