

Potential Summer Intern Positions at the Steam Railroading Institute
Steam Railroading Institute
405 S. Washington St. Owosso, MI 48867

Mechanical Dept. Intern

Optimal degree majors: Mechanical, Manufacturing, Electrical, or Industrial Engineering
 Mechanical, Manufacturing, Electrical, or Industrial Engineering Technology
 Machinist or Electrical Apprentices

Description:

This will be a hands-on maintenance and restoration internship focusing on the steam locomotives and railroad passenger cars owned & operated by the Steam Railroading Institute in Owosso. A limited amount of CAD design and engineering work may also be performed. Duties of the Intern can include:

- Work with the Mechanical crew in maintenance activities, including:
 - Sandblasting, grinding, needle-scaling, and metal finish work
 - Painting
 - Welding (or support for Welders)
 - Basic plumbing, electrical wiring, and carpentry, such as would be done in a home
 - Assembling components to a steam locomotive, passenger cars, and other railroad equipment
 - Monitor & Operate machine tools and take quality control measurements on the metal parts produced

- Design Work
 - Reverse-engineer, create CAD drawings, and work with a Foundry to cast replicas of a water glass housing and other components.

- Assist with summer events & excursion operations as needed