

# **Rail Engineering Technology – Development of the Next Generation of Railroaders**



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## *U.S. Bureau of Labor Statistics - Employment change*

**“Employment is expected to increase by 9 percent from 2008 through 2018, which is about as fast as the average for all occupations. This will largely be the result of expected increases in the demand for freight and passenger rail transportation as fuel costs increase and rail becomes a cheaper alternative to trucks and automobiles.”**

## *U.S. Bureau of Labor Statistics – Job Prospects*

**“Opportunities for rail transportation workers will be good for workers who meet basic qualifications, because a large number of older workers are expected to retire over the next decade, particularly at freight railroads. Prospects will be best for those positions that are also expected to see growth, like locomotive engineers, conductors, and the skilled trades.”**

## *Partnership Programs - High Schools, Junior Colleges and Universities*

- **Introduce Rail Technology into Established School Programs**
- **Tours of Rail Facilities**
- **Summer Programs and Internship Opportunities**
- **Develop Rail Specific Curricula**

***Partnership Programs – Gateway Community College,  
Parks Opportunity Program & High Schools***

- **Four Hour Introduction to Rail  
Electrical/Electronic Course**
- **600 Hour Rail Certificate Course**
  - *First class graduated May 2010*
- **Gateway Community College  
Rail Engineering Technology Associate Degree  
Program**
  - Classes to commence Fall of 2010**
    - *Pending final approval from the Connecticut  
Board of Governor's of Higher Education*