

RAIL TRANSPORTATION ENGINEERING, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

Requirement	Credits
Requirements for the Minor	18

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/>).

In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
Additional Courses		
<i>Additional Courses: Require a grade of C or better</i>		
Select 6 credits from the following:		6
CE 310	Surveying	
CE 332	Professionalism, Economics & Construction Project Delivery	
CE 333W	Construction Management I	
CE 335	Engineering Mechanics of Soils	
CE 336	Materials Science for Civil Engineers	
CE 340	Structural Analysis	
CE 360	Fluid Mechanics	
EMET 325	Electric Drives	
EMET 326	Mechanical Drives	
EMET 330	Measurement Theory and Instrumentation	
ME 300	Engineering Thermodynamics I	
ME 330	Computational Tools	
ME 340	Mechanical Engineering Design Methodology	
ME 348	Circuit Analysis, Instrumentation, and Statistics	
ME 360	Mechanical Design	
ME 370	Vibration of Mechanical Systems	
Select 6 credits from the following:		6
HIST 157	Railroads and American Society	
RTE 301	Railroad Industry Overview and Economic Regulation	
RTE 302	Railroad Track Location, Construction and Maintenance	
RTE 303	Railroad Operation and Safety	
RTE 305	Railroad Communications and Signals	
Select 6 credits from the following list of 400-level courses:		6
RTE 402	Railroad Operations Practicum	
RTE 403	Railroad Track Practicum	
RTE 404	Railroad Mechanical Practicum	
RTE 497	Special Topics	