

# Railway Education for Middle Schoolers, High Schoolers and College Students

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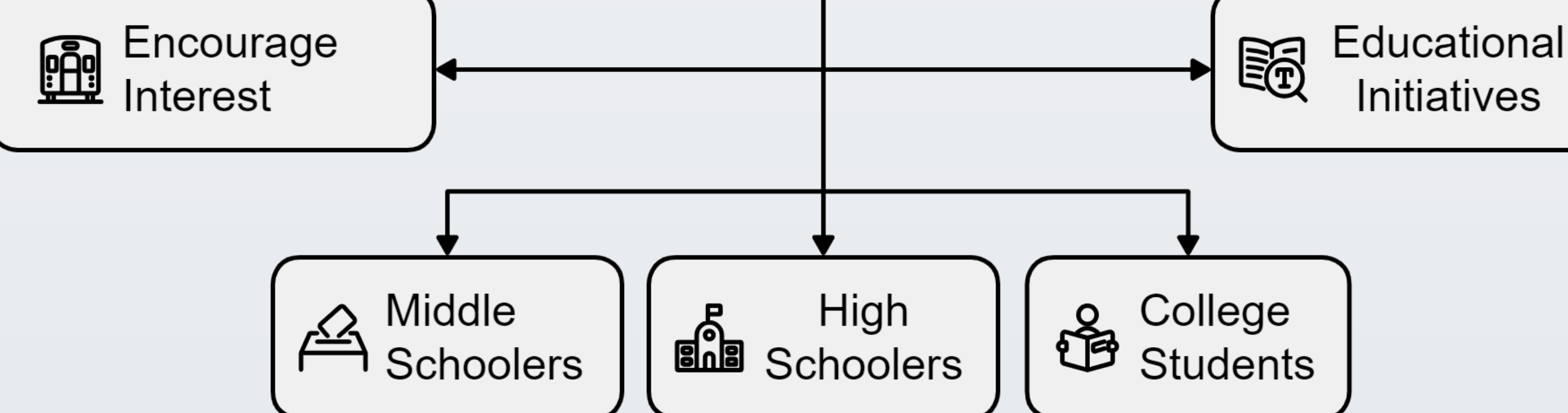
## Introduction

As the nation's population ages and many workers retire, the need for qualified replacement personnel has become acute, especially in railroading

There is a perception that railroading is 100 years old or older, that the pace of change is slow, and that railroads are "dying." Encouraging more young people to consider a railroading career starts with changing that perception

Most Colorado school districts including District 60 and District 70 in the Southern Colorado region have no Friday school for K-12 education

This opportunity of no-school-on-Fridays can be utilized to attract high schoolers for railway engineering education and career advice



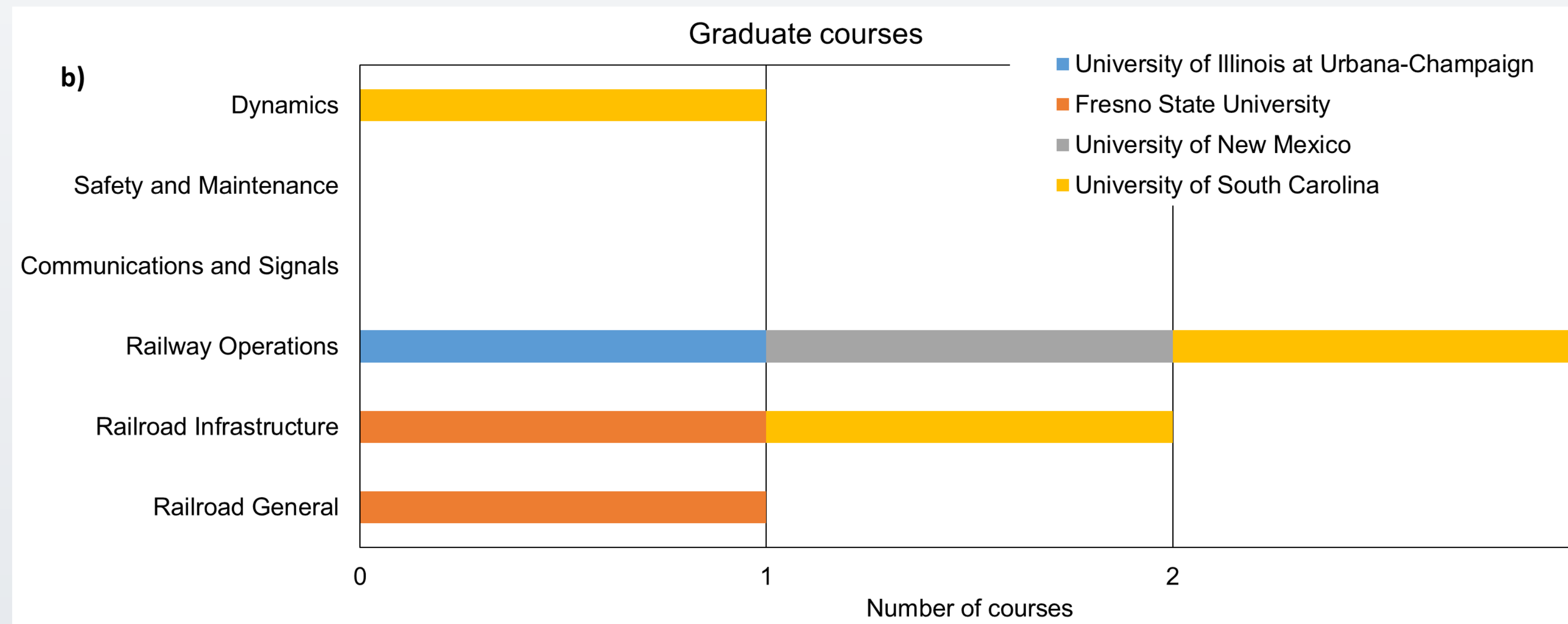
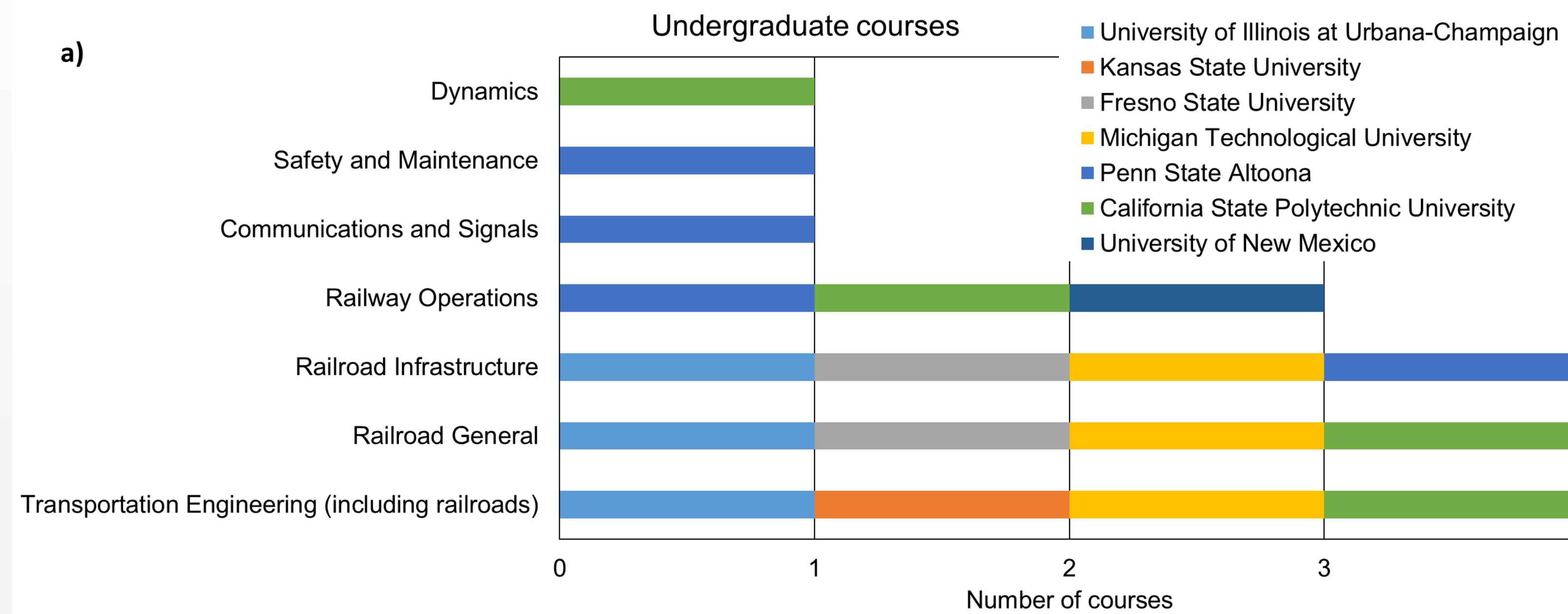
SCITT is part of a \$17 million grant from the Federal Railroad Administration's (FRA) Consolidated Rail Infrastructure and Safety Improvement program.



- This is a four-year long grant starting from late 2024 designed to address the stability and growth of the railroad workforce, led by the University of South Florida.
- Project kickoff meeting was held in Tampa, FL

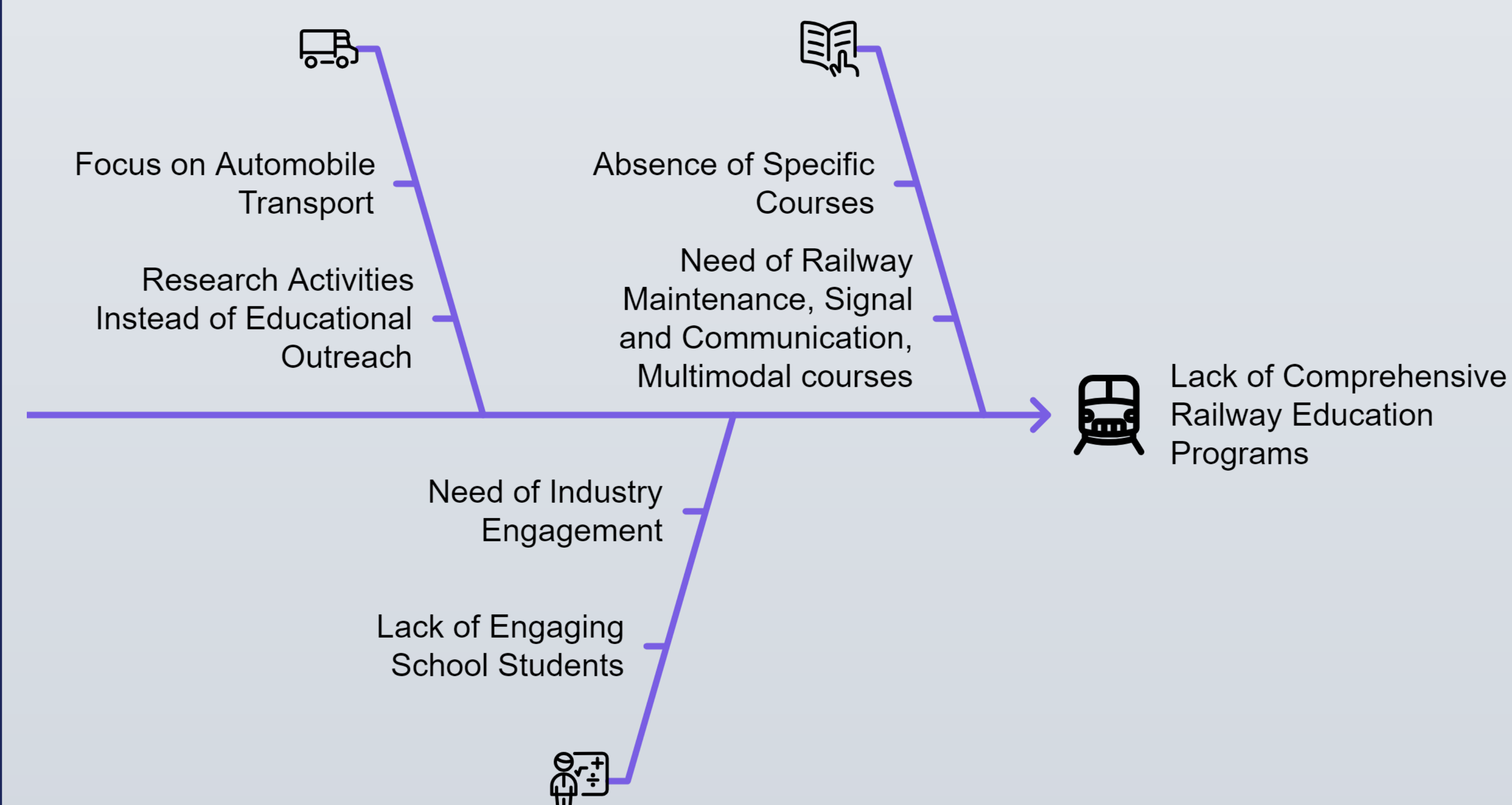


## Current Railway Educational Programs in USA

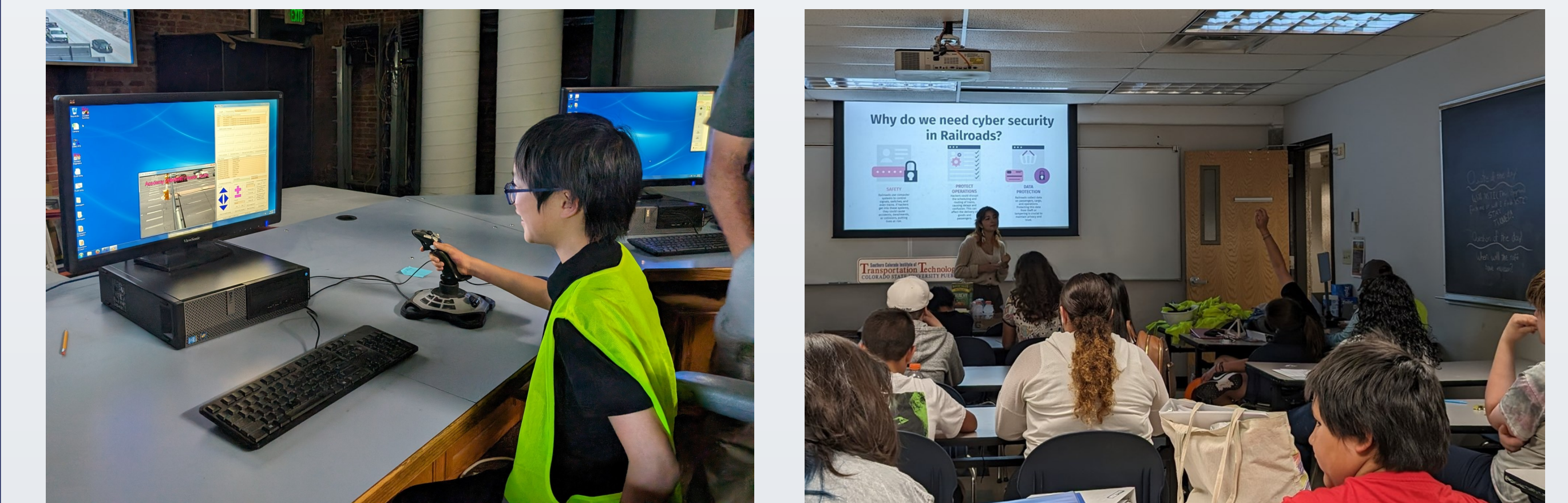
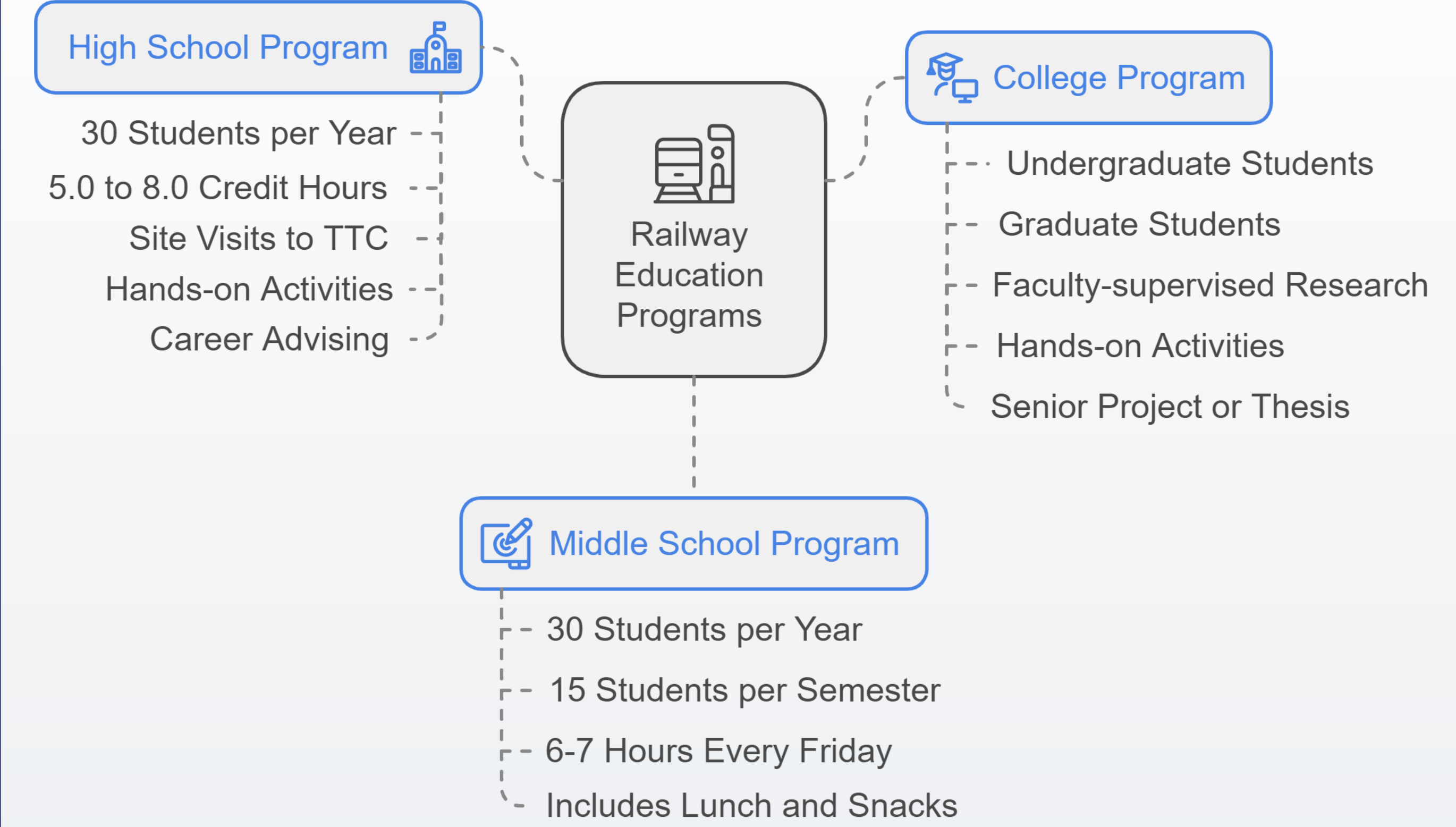


a) Undergraduate and b) Graduate Railroad Courses Representation in US Universities

## The Need



## Proposed Work



## Benefits

- It is envisioned to be a significant addition to current workforce development, training, and engagement initiatives in the rail industry. The expected outcomes are:
- A larger pool of college students interested in and applying for positions within the railroad industry.
  - A greater number of students choose rail-related electives and secondary studies in railway engineering programs.
  - A cohort of advocates for railroading and railroad careers within families and friend groups, supporting the two prior points.

## Acknowledgements

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