PROJECTS AND RESEARCH
Since the inception of the RTP has received over $1 million through externally funded research projects. Topic areas for current and past research projects include:
- Cold climate railroad engineering technologies
- Multi-modal transportation of biomass and forest products
- Materials research on railway equipment.
- Investigation of driver behavior at railroad-highway grade crossings.
- Automated defect identification and Remote sensing.
- Locomotive technologies

EDUCATION
The RTP attracts students from a wide range of degree programs by providing them with unique opportunities to learn about the rail transportation industry and to develop critical professional skills. The four full semester multidisciplinary courses currently offered include: Railroad Engineering, Public Transit, Transportation Design, Rail Transportation Seminar, and Logistics and Transportation Management. The RTP also engages students in “real life situations,” providing experiences through hands-on education and industry sponsored projects.

RTP VISION - DEVELOP LEADERS AND TECHNOLOGIES FOR 21ST CENTURY RAIL TRANSPORTATION

MISSION - PARTICIPATE IN THE DEVELOPMENT OF RAIL TRANSPORTATION AND RELATED ENGINEERING SKILLS FOR THE 21ST CENTURY THROUGH AN INTERDISCIPLINARY AND COLLABORATIVE PROGRAM THAT ALIGNS MICHIGAN TECH FACULTY AND STUDENTS WITH THE DEMANDS OF THE INDUSTRY.

CONTACT INFORMATION
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RAIL TRANSPORTATION PROGRAM
GET ON TRACK: OPPORTUNITIES FOR INDUSTRY
MICHIGAN TECH RAIL TRANSPORTATION PROGRAM
The Rail Transportation Program (RTP) at Michigan Technological University was established under the Michigan Tech Transportation Institute (MTTI) in 2007. The program continues to develop in close collaboration with our industry partners. The RTP uses three integrated program components to advance rail transportation and engineering—"Education", "Projects and Research", and "Events & Extracurricular Activities".

INDUSTRY OPPORTUNITIES

1 RTP INDUSTRY PARTNERSHIPS
Our industry partners and supporters have contributed significantly to the growth and sustainability of the program, both financially and in the development of our students. We thank our partners!

2 RESEARCH
RTP coordinates interdisciplinary graduate research activities in support of the rail industry across the campus. We are always looking for new industry research partnerships.

3 SPONSOR STUDENT PROJECTS
RTP coordinates opportunities for rail industry sponsors to connect with student teams to accomplish senior and enterprise projects. Projects that can benefit a company or the industry as a whole!

4 RECRUITMENT
INTERNSHIPS, CO-OPS, AND CAREERS
Each year, several Michigan Tech students and graduates join the rail industry for internships, co-ops, or to start their full-time career. Internships and full-time positions are key components of our program. Our Strategic Intern in Rail (SIR) program creates formal relationships with industry to provide intern opportunities to our students.

5 RAILROAD NIGHT AND EXPO
In the fall of each year the RTP and REAC host a student expo designed to introduce new students to the railroad industry, and to provide a more relaxed opportunity for rail industry recruitment. Industry supporters can participate by bringing equipment displays, material, or projects intended to inspire students to consider the rail industry as a career choice. This is an excellent opportunity to explore intern and co-op opportunities with our students! The day is capped off with our annual Railroad Night, a dine with industry/networking event hosted by the RTP.

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