

Transportation and Civil Engineering (TRAC) Program

MDOT is interested in students with math and science skills for future employment as civil engineers and transportation specialists. The TRAC program provides classrooms with hands-on tools designed to build interest in math and science. TRAC provides these benefits for teachers and students.

- Free hands-on materials for math, science, and civics
- Free interactive software
- Free training
- Free replacement supplies
- CEU credits for teachers
- Activities aligned to Michigan educational standards
- Engineer visits for career presentations
- Assistance using the software/modules
- Michigan bridge-building contests
- Pave a pathway for higher education via internships with possible opportunities for civil engineering scholarships
- Put your engineering, design, and building skills to the test, solving hands-on challenges

FOR MORE INFORMATION:
go to MDOT's website at:
www.michigan.gov/mdot-trac

MDOT TRAC Program

1818 3rd Ave. North
Escanaba, MI 49829

www.michigan.gov/mdot-trac



MDOT: Providing the highest quality integrated transportation services for economic benefit and improved quality of life.

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Michigan
Department of
Transportation



TRAC Internship



Civil Engineering Internship Program



The Michigan Department of Transportation (MDOT) TRAC Pipeline Internship Program is designed to provide opportunities for 12th grade students. During the summer, these students work with MDOT civil engineers and learn about the rewards and challenges of a career in civil engineering. MDOT has worked diligently to recruit promising students from around the state to apply for this prestigious internship. MDOT is doing its part to make certain the TRAC Pipeline Internship Program continuously adds new faces to the field of civil engineering.

Requirements for High School Seniors:

- Must be at least 17 years old
- Must be a high school senior
- Must graduate in 2016
- Must have attended a class in which a TRAC module was used
- Must pass a pre-employment drug test
- Must interview at an MDOT office
- Must be available for the entire seven weeks to be eligible for possible \$2,500 civil engineering scholarships
- Students applying in Bay, Grand, North, Superior, Southwest, and University regions must have a valid driver's license
- Must demonstrate a strong propensity in math and science
- Must provide own transportation

How to Apply:

- Complete the application available at: www.michigan.gov/mdot-trac-internship
- Provide your official high school transcript
- Provide your attendance record for the current school year
- Enclose a letter of interest expressing why you want to be an intern
- Submit a letter of recommendation from your teacher who taught you a TRAC module (the teacher must describe the module taught)

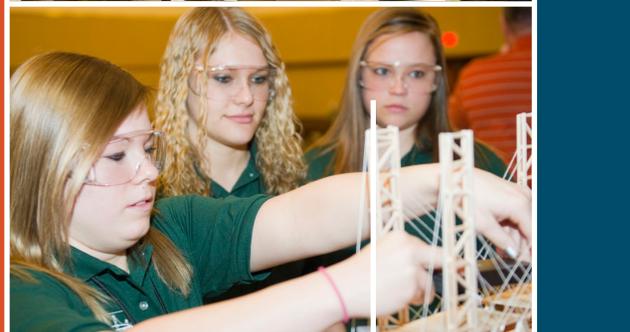
For more information, contact:

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www.michigan.gov/mdot-trac-internship

Visit www.michigan.gov/mdot-trac-internship



MDOT Statewide Internship Program
Who: Graduating high school seniors
Why: Learn about civil engineering and earn \$12/hour
When: June 20 - Aug. 5, 2016
 Applications due April 29, 2016



Intern Activities Include:

- Bridge inspections
- Perform micro-simulations
- Use Computer Aided Drafting (CAD) software to develop design plans
- Aggregate lab testing
- Read and interpret construction plans
- Design a parking lot project
- Use ARC GIS mapping
- Learn to use satellite and GPS equipment
- Perform concrete quality control testing
- Conduct traffic plan reviews
- Develop computer topographical diagrams
- And much more!