



Center for Technology & Training

The Center for Technology & Training (CTT) provides transportation outreach and education; software development; and research services to support agencies that manage public infrastructure. With annual funding from the Federal Highway Administration, the Michigan Department of Transportation, and Michigan Technological University, the CTT houses Michigan's Local Technical Assistance Program and manages the development and support of internationally recognized infrastructure asset management and engineering estimating and project management software. In addition, the CTT works under contract with other transportation agencies to complete discrete research and service projects.

Annual Accomplishments

- Publish quarterly newsletter which is distributed to over 4500 transportation professionals across the country
- Fulfill over 18,000 requests for materials through an extensive transportation publication lending library
- Facilitate over 12,000 hours of in-person and web-based training that is geared specifically to the needs of transportation professionals
- Provide development and technical support services to nearly 3000 users of RoadSoft® infrastructure asset management software and Michigan Engineers' Resource Locator (MERL) cost estimating and project management software.

Highlights

Publications

- Assessing the Impact of Traffic Safety Training Targeted Toward Local Agency Technical Staff and Elected/Appointed Officials
Federal Highway Administration/Transportation Planning Cooperative Research
- Common Sense Solutions for Intersection Safety
Mid Continent Transportation Research Forum
- Making the Case for Integrated Infrastructure Management and Safety Systems
Transportation Research Board, 8th Annual Conference on Asset Management, Conference Proceedings
- Meaningful Use of Collected Local Roads Data and Information
Midwest Regional University Transportation Center
- Network Level Modeling Using Generated RSL Values and Treatment Strategy
Transportation Research Board, 8th Annual Conference on Asset Management, Conference Proceedings
- Traffic Safety Education for Non-engineers
Public Roads Magazine, Vol 72, No 6. May/June 2009

Program

Center for
Technology & Training (CTT)

Project Partners

Federal Highway
Administration

Michigan Department of
Transportation

Michigan Transportation
Asset Management Council

South Dakota Department of
Transportation

State of Tocantis
(Brazil) Department of
Transportation

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Center Profile

Outreach Publication



University Facts (2009-2010)

| | |
|---------------------|-------|
| Total Enrollment | 7148 |
| Civil Engineering | 546 |
| Graduate Enrollment | 1206 |
| Number of Faculty | 464 |
| Placement Rate | 87.5% |

Michigan Tech ranks in the top 25% of public research institutions by the National Science Foundation and has annual research expenditures exceeding \$57 million. More than 56% of Michigan Tech's student population is enrolled in science and engineering degree fields with a campus-wide graduation placement rate of 87%.

Michigan Tech houses a wide complement of transportation-related programs partnering in research, technology transfer, education, and workforce development. Under the umbrella of the Michigan Tech Transportation Institute, federally funded centers collaborate with state and internally funded centers and programs. Federally funded programs include the UTC-MiSTI, Michigan's Local Technical Assistance Program, and the Region 2 Tribal Technical Assistance Program. State funded research centers and laboratories include the Michigan Department of Transportation funded Transportation Materials Research Center and the Center for Structural Durability. Internal programs include the Center for Technology and Training, and the Rail Transportation Program.

For more information, visit the University's website.
www.mtu.edu

Training

- Asset Management for Elected Officials
- Common Sense Solutions to Intersection Safety Problems
- Pavement Distress Identification Using PASER
- Traffic Sign Retro reflectivity for Local Agencies
- Transportation Asset Management Workshop
- What Elected Officials Need to Know About Traffic Safety

Research Focus

CTT staff, including professional engineers, software developers and technical writers, conduct research in the areas of:

- Asset Management
- Cost Estimating and Project Management
- Traffic Safety Engineering

For More Information

For additional information on the LTAP program, please visit www.ltap.org

For additional information on the CTT, please visit www.ctt.mtu.edu

For additional information on other transportation related programs at Michigan Tech, please visit www.mtti.mtu.edu



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Michigan Tech Transportation Institute • Michigan Technological University