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 Forum
- 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
Center Profile

Training
- Asset Management for Elected Officials
- Common Sense Solutions to Intersection Safety Problems
- Pavement Distress Identification Using PASER
- Traffic Sign Distress 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

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