

# Motor Grader Training

## Training Opportunities Available by Request

Maintaining unpaved road surfaces requires operators to use a combination of skills, abilities, knowledge, techniques, and attitudes that are only acquired over time. Operators must continually improve upon these skills and abilities by practicing new and different techniques and learning new insights about unpaved road maintenance.

The new 2021 Motor Grader Training is intended for local road-owning agency employees.

### Level 1 Topics

- Safety
- Preventive maintenance
- Startup/shut-down procedures
- Identifying elements of a roadway
- Major components of a motor grader
- Blade pitch & blade angles
- Benefits of articulation
- Techniques & tips for road maintenance operations
- Identifying uses for motor grader attachments

### Level 2 Topics

- Level 1 refresher plus new techniques
- Safety
- Define cross-section and elements of a roadway
- Four-pass technique
- Two-pass technique
- Various three-pass techniques
- Reclaiming material
- Maintenance windrows
- Motor grader attachments & uses



### Registration\*

Fee: \$3,000/session

Register by contacting Andy at [ctt@mtu.edu](mailto:ctt@mtu.edu).

**Once registered, scheduling of a session is determined between the hosting agency and the training instructor.**

Sessions are held at the hosting agency's location. Agencies can select between a Level I or a Level II training.

Each session is two days (half-day classroom instruction and one-and-a-half-day hands-on training). Sessions can accommodate up to ten attendees and require two motor graders and a one-mile stretch or road.

Questions? E-mail Andy Manty at [ctt@mtu.edu](mailto:ctt@mtu.edu)

\*Required for fulfillment of continuing education (Center for Technology & Training policy: [ctt.mtu.edu/ContinuingEducation](http://ctt.mtu.edu/ContinuingEducation)). No-shows/cancellations within ten business days of the event are charged the full registration fee; substitutions accepted. Accommodation requests related to a disability should be made by ten business days prior to the event to [ctt@mtu.edu](mailto:ctt@mtu.edu). Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.



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