Mitchell Technical Institute Outreach Trailer
Career Exploration & Hands-on Technical Education

What is it?

- A mobile laboratory from Mitchell Technical Institute
- A 53-foot semi-trailer with training equipment and hands on-activities
- Construction & Energy Trailer includes:
    - Electrical Construction & Maintenance
    - Heating and Cooling Technology
    - Power Line Maintenance & Construction
    - Propane & Natural Gas Technology
    - Wind Turbine Technology

- We may also be able to tailor the equipment and program to other career clusters depending upon your needs. Just let us know your area of interest.
- A self-contained unit with its own power and heating/cooling able to enhance career and technical education at your school.

Who is this for?

- The MTI Outreach trailers are intended for regional high school and middle school students (SD, ND, WY, IA, MN, & NE) The activities conducted will support career and technical education classes as well as career awareness and exploration activities.

What will the students do and learn?

- We will coordinate our visit to help you achieve your school's specific learning objectives. However, there are two primary program options which are discussed below:

MTI Outreach Trainer, Jimmie Nicolaus presenting to students

    - Career Exploration – groups of about 12-15 students conduct a walk-through of the trailer and learn about various careers through presentations and equipment demonstrations. Students also learn about the science involved in the careers and technology. This walk-through can be scheduled anywhere from 25 – 50 minutes depending on time available for each group.
    - Hands-On Learning – small groups of students will conduct hands-on learning activities with equipment in the trailer. The activities are designed to introduce students to the career field and to explore applications of science and math concepts within that career. An entire class period

should be allowed for each group to conduct hands-on activities. The training equipment available for this includes:

What does it cost?

- There is no cost to bring an Outreach Trailer to your school. However, due to budget limitations not all requests for trailer visits can be accommodated. This project was created in part through a Community-Based Job Training Grant awarded to MTI through the U.S. Department of Labor (#CB-18231-09-60-A-46)

How do I get more information or schedule a visit?

If you would like more information or would like to schedule a visit by the MTI Outreach trailer to your school or area please contact:

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AC/DC Electrical Trainer

Wind Turbine Technology Trainer

Geothermal Heating Trainer

Electrical Smart Grid Trainer