

**Western Dakota Technical Institute
800 Mickelson Drive
Rapid City, SD 57703-4018**

Master Syllabus

Course Number: TTT 130
Course Name: Preventative Maintenance
Credits: 3
Contact Hours: 1 Lecture, 4 Lab

Course Description: This course encompasses the characteristics and benefits of a well-planned maintenance program. This course will cover the tools and procedures needed to perform a proper preventive maintenance inspection (PMI).

Prerequisites: None

Text Books: <http://bookstore.wdt.edu>

Materials: Required personal tools from list, coveralls, safety shoes, and safety glasses

Student Learning Outcomes

- Evaluate the needs of preventive maintenance programs
- Analyze data gathered from preventive maintenance inspections
- Evaluate various vehicle components and systems for needed service and/or repairs

Assessment: The core abilities of analytical skills, communication skills, technology skills, teamwork techniques, and employability will be assessed throughout this course.

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