**Basic Maintenance of Mobile Equipment**

**Bakken Area Skills Center**

**Instructor:** George Adams

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**Course Description:** This course focuses directly on maintenance of mobile equipment through a series of engaging tutorials. A major focus of the course is on maintenance safety including such topics as LOTO. Other topics include tools and fasteners, preventative maintenance principles, engines, intake and exhaust, fuel systems, coolant systems, filters and filtration, lubrication systems, hydraulics, electrical systems, tires, and tracks and undercarriages.

**Course Objective:** At the end of the course, students should have the entry basic maintenance skills needed for working with heavy equipment.

**Method of Instruction:** This class will be taught using a combination of classroom and hands-on instruction. A computer will be needed for classroom instruction. Students will meet at the Bakken Area Skills Center in Watford City &/or other work sites for hands-on supervised days as a part of this class. Appropriate clothing and footwear for driving, working around heavy equipment, and construction work sites will be worn for hands-on work days.

**Course Grading:** The grading scale shall be; A = 92-100, B = 83-91, C = 74-82, D = 65-73, 64 and below = failing.

**Late Work:** Late or missing work will be given a zero grade and entered into the course PowerSchool site with the appropriate late or missing work symbol until submitted satisfactorily. Students will be allowed to make up missing or late work following BASC guidelines – 2 days for each day missed for an excused absence.

**All policies and procedures as stated in the BASC Parent-Student Handbook will be followed at all times.**

**Course Communication:**

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