A. **Course Description**

- **Credits:** 6.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 4.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course covers repairing, rebuilding, and diagnosing problems in transmissions and differentials. Students are taught how to remove, inspect, and replace gears, shafts, bearings, seals, and other components using the proper tools and procedures. Prerequisites: None

B. **Course Effective Dates:** 3/21/98 – Present

C. **Outline of Major Content Areas**

   As noted on course syllabus

D. **Learning Outcomes**

1. Demonstrate professionalism and safe work place practices in a shop environment.
2. Demonstrate transmission and differential overhead procedures.
3. Demonstrate troubleshooting associated with transmissions and differentials.
4. Describe transmission and differential operation.

E. **Minnesota Transfer Curriculum Goal Area(s) and Competencies**

F. **Learner Outcomes Assessment**

   As noted on course syllabus

G. **Special Information**

   None noted