DSL 2535: Undercarriage

A. COURSE DESCRIPTION

Credits: 1
Lecture Hours/Week: 1
Lab Hours/Week: *.*
Prerequisites: None
MnTC Goals: None

Evaluation and maintenance of undercarriage used on earthmoving equipment. Credits: 1 (1 Lec/0 Lab)

B. COURSE EFFECTIVE DATES: 08/24/2005 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Undercarriage Components
2. How to Maintain and Recognize Fault Areas
3. Evaluation of undercarriages
4. Maintenance & Repair

D. LEARNING OUTCOMES (General)

1. Students will perform assigned tasks.
2. Students will identify undercarriage components.
3. Students will identify single and double flange rollers.
4. Students will identify life time sealed rollers.
5. Students will identify segmented sprockets.
6. Students will explain proper adjustment.
7. Students will measure and evaluate components to determine undercarriage life.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

HCC COMPETENCIES MET:
Working Productively & Cooperatively, Communicating Clearly & Effectively, Thinking Creatively & Critically, Social Responsibility

METHODS FOR EVALUATING STUDENT LEARNING:
Performance objectives and exams will be translated to points and the points to grades.
Methods of evaluation include tests, quizzes, class participation, assignments, attendance, and lab tasks.

AASC APPROVAL DATE: January 17, 2018
REVIEW DATE: January 2023