**ASSESSMENT REPORTING FORM**

**(To be Completed by Faculty)**

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| **Program or Course: Heavy Equipment Operating Level 1 Cert. HEO121 Core curriculum** |
| **Date: 11/16/2020** |
| **Number of Student Participants: 14** |
| **Number of Faculty/Staff Participants: 2** |
| **Name of person completing report: 1** |
| **Assessment Reporting Form:** This report is to show that assessment is occurring and that the results are being used to make changes to improve student learning. The assessment being reported could be an assessment of a Program Learning Outcome (PLO) or a Measurable Student Level Outcome (MSLO). Each program should be assessing and gathering data for at least two PLOs OR two MSLOs that contain CSLOs each year. |
| **1. What PLOs and/or MSLOs and CSLOs did you assess this year?**  **1. (Application Level) Explain and demonstrate knowledge of all safety rules when using, loading, moving, and working on all pieces of heavy equipment. 2. (Application Level) List the steps for a complete walk-around inspection for each piece of equipment and perform pre- and post-operating equipment inspections on a variety of equipment in a safe/efficient manner. 3. (Evaluation Level) Interpret and explain a diesel-related dilemma using effective critical thinking processes to problem solve. (CSLO 4) 5. (Analysis Level) Examine the condition of equipment during walk-around inspections, identify needed repairs or routine maintenance jobs, and maintain records of maintenance. Record hours from an hour meter or equipment log on each piece of equipment used. 7. (Application Level) Demonstrate knowledge of all safety rules when using, loading, moving, and working on/around all pieces of heavy equipment. 10. (Comprehension Level) Describe correct methods to load and unload water from a water truck and to engage PTO to unload water from a water truck.** |
| **2. Describe the assessment method used and criteria for successful achievement of student learning outcomes. (e.g., rubrics, licensing exam, internship, portfolio, exam, research paper, performance exam, EAC, etc.)**  **Our curriculum is provided by the National Center for Construction Education and Research (NCCER). Each student has to take a written exam for each module and earn a 70% to pass. Once they pass the written test they have to complete a performance profile sheet witch is the hands on portion of what they were just tested on in the written test. So for MSLO #5, the student will physically perform exactly what is states for a pass or fail grade for that test. The pass or fail grade for both the written test and the performance profile sheet are recorded and sent to the NCCER headquarters for record of transcript and then student is awarded a certificate of completion for Core Curriculum. Once students are in the field, they each have to physically perform each MSLO stated above for a pass/fail grade** |
| **3. How many students were proficient in the PLOs OR MSLOs and CSLOs and how many were not? What was determined as proficient? (i.e. 70% = proficient)**  **14 students were at least 70% proficient in assessments of our MSLOs. As far as MSLOs 1,2,3,5,7,10 goes all students have to continually go through each of these until I am confident in their performance. If the assessment** |
| **4. What changes/improvements were made or will be made in response to the outcomes of the assessment process?**  **At this time the only change we are going to make is instead of using a paper test and having to keep records of them for 3 years I think we are going to the online version of testing.** |

***Feel free to attach your PLOs OR MSLOs and CSLOs and indicate which were assessed***

***Comments: Why the online version over the paper version? Will there be any modifications to instruction? Where is the data on the performance part of the assessment? Can you break the proficiency of each question?***