**Degree/certificate Program: DT 201 Diesel Brakes and Phneumatics. Academic Year:2019/2020.**

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**Complete and submit your assessment report electronically to your VPAA or dean, and Cathy Fulkerson, Brandis Senecal by May. As needed, please add outcomes and/or assessment measures, attach supporting documents and/or a narrative description of the assessment activities. Assess at least one or more outcomes each year so that all are assessed within five years.**

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| **Program Outcomes** | **Assessment Measures** | **Assessment Results** | **Any Changes Made as a Result of Assessment** |
| In the boxes below, summarize the program student learning outcomes assessed during the last year*.* | In the boxes below, summarize the methods used to assess program outcomes Include the criterion you used to judge whether or not students have achieved the expected outcome. | In the boxes below, summarize the results of your assessment activities. Include your judgement as to whether or not the criterion for student achievement has been met. | In the boxes below, summarize how you plan to use the results to improve student learning. |
| Outcome #1: Recognize safety hazards | Assessment Measure: Written Exams and  Practices.  Criterion for achievement: Pass exams.  Perform safety practices. | Results: Students seem to do well performing safe practices.  Criterion Met: Yes | Action and Follow-up: Always practice safe habits. |
| Outcome #2:  Identify the three types of braking systems. | Assessment Measure.  : Written exams, oral/written reports. Recognize the brake systems.  Criterion for achievement: : Pass exams. Perform written/oral reports on various brake systems. Identify personal vehicle brakes. | Results: Students seem to do well identifying the three systems. They are able to identify what brake systems they have on their personal vehicles.  Criterion Met: Yes | Action and Follow-up: : Let students use personal vehicles for brake activities. |
| Outcome #3: Identify and state function of the major components in a power assist brake system | Assessment Measure: : Written exams. Hand on activities.  Criterion for achievement: Pass exams. Use personal vehicles for activities. | Results: : Students seem to enjoy working on their personal vehicles. They are able to identify and explain functions of the brake system.  Criterion Met: Yes/No | Action and Follow-up: Let student use their personal vehicles. |
| Outcome #4: Describe basic operation of a hydraulic power assist brake system. | Assessment Measure: : Students enjoy and be more confident when describing functions and operation of their personal vehicles.  Criterion for achievement: Pass exams. Explain using personal vehicles. | Results:  Criterion Met: Yes/No | Action and Follow-up: : Let student use personal vehicles for activities. |
| Outcome #5: Perform basic maintenance and repairs of a hydraulic assist brake system. | Assessment Measure: : Written exams. Perform basic maintenance check list using personal vehicles.  Criterion for achievement: Pass exams. Complete maintenance checklists. | Results: Students seem to enjoy and are able to use personal vehicles for maintenance and repairs.  Criterion Met: Yes | Action and Follow-up: : Let students use personal vehicles for activities. |
| Outcome #6: Identify and state functions and components in an air and air/hydraulic system. Inspections and tests. | Assessment Measure: Written Exams. Perform basic air brakes test as per FMVS standards. Identify components and functions. Perform exercise activities  Criterion for achievement: Pass exams. Perform test on trucks, tractors, and trainer. Complete activity book. | Results: : Seem to perform well with hands on activities with trucks, tractors and trainer.  Criterion Met: Yes | Action and Follow-up: Keep using truck, tractor, and trainers. |

**Notes:**

I have reviewed this report:

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Department Chair Dean

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