**Degree/certificate Program: DT 105 Mobile Air Conditioning. 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:  Demonstrate safe work practices. | Assessment Measure: : Written exams and practices.  Criterion for achievement: | Results: : Students seem to adjust and adhere to the safety acts.  Criterion Met: Yes | Action and Follow-up: : Always practice safe habits. |
| Outcome #2:  Identify different types of air conditioning and their functions. | Assessment Measure:  Written exams. Component identification.  Criterion for achievement: Identify components and describe their functions written and oral exams and pass them. | Results:  : Students seem to do well with identifying the components and their functions well.  Criterion Met: Yes | Action and Follow-up:  None at this time |
| Outcome #3: Perform basic maintenance of an air conditioning system. | Assessment Measure: : Written exams. Hands on activity with air conditioning systems on different vehicles.  Criterion for achievement: | Results:  Students seem to do well due to using their own person vehicles and being subject to other equipment and vehicles as well.  Criterion Met: Yes | Action and Follow-up: : None at this time |
| Outcome #4: Perform basic troubleshooting of an air conditioning system. With temperature and pressure readings. | Assessment Measure  Written exams and hands on activities  Criterion for achievement: : Pass exams and perform well with hands on activities | Results: Students seem to do well with various troubleshooting problems with hands on activities.  Criterion Met: Yes | Action and Follow-up: : Possibly have more troubleshooting activities. |
| Outcome #5: Demonstrate the ability to properly recover, vacuum and charge and air conditioning system. | Assessment Measure: Written exams and hands on with the recover/charge machines.  Criterion for achievement: : Pass exams. Perform the activities and be successful with the procedures. | Results:  Students do well with the tasks being able to use them on their personal vehicles. One downfall is that into the last week of the class, seems to run out of activities. To long of a class maybe.  Criterion Met: Yes/No | Action and Follow-up: : Find more hands on activities or shorten class. |
|  | Assessment Measure #2:  Criterion for achievement: | Results:  Criterion Met: Yes/No | Action and Follow-up: |

**Notes:**

I have reviewed this report:

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Department Chair Dean

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