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**Annual Assessment Report Form  
DUE NO LATER THAN OCTOBER 1**

**Directions:** Please complete a form for each of the programs within your department. This form was designed to provide a format for assessment reporting and should not be used to limit the amount of information provided. Each box that is attached to each of the sections is designed to adjust to varying lengths. If you have any questions, please contact Denise Webster at x7714. **Send the report form via e-mail to [devin1lk@cmich.edu](mailto:devin1lk@cmich.edu).**

1. Program Information:

Program	Bachelor of Science Degree – Major in Vehicle Engineering Design Technology
Department	Off-Campus Programs
College	ProfEd
Academic Year	2005-2006
Report Submitted by	Al Zainea, Director, Undergraduate Extended Degree Programs
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Date Submitted	October 10, 2007

2. According to the Assessment Plan for this program, what were the planned assessment activities for this Academic Year? You may want to copy and paste from your program's assessment plan (Section 3: Evidence and Artifacts).

Outcomes assessed for this academic year	Way this assessment was carried out	Expected measures from these assessment instruments
All to include: Goal 1 through Goal 5 to include objectives.	Focus groups, TEC 459 final Project, and faculty input. See notes below.	Feedback and suggestions for updating VD major curriculum and creation of an exit assessment using Bloom's Taxonomy.

3. Results, conclusions, and discoveries. What are the results of the planned activities listed above? What conclusions or discoveries were made from these results? Describe below or attach to the form.

Results, conclusions, and discoveries
As a result of our Faculty Curriculum group (Industry), student focus groups, and capstone faculty TEC 459, major changes were implemented in the curriculum and the outcome assessment plan to provide students industry specific knowledge, skills, and abilities. The Vehicle Engineering Design Technology program is operational in Troy this academic year. Below are the new student learning outcomes and definitions: <ul style="list-style-type: none"><li>• <b>Curriculum Alignment of Student Learning Outcomes.</b> Use the format below to list the program Outcomes and the Required Courses. Fill in each cell with either a 'C' where the</li></ul>

outcome is to be comprehended, a 'A' where the outcome is to be applied, and/or a 'M' where the information is to be mastered.

- 'C' = Learner will gather information and begin to use basic knowledge in defining the program content.
- 'A' = Learner will demonstrate comprehension of facts and begin to apply to more complex situations through analysis.
- 'M' = Learning will analyze needs, synthesize possible solutions, and evaluate outcomes.

This is currently completed through the TEC 459 course. At this time, data will be gathered in Spring 2008 through the exit examination. Data gathered for 2006-2007 was focus group oriented with the understanding that the exit examination was in production and testing.

4. Use of Results. Did the results lead to program changes? If so, describe the changes made. If not, describe why changes were not needed.

As a result of Assessment Data (supporting measures, focus groups and faculty input, the following results are leading to significant changes in the curriculum to include:

**Changes to major include:**

The new major has an updated Outcome Assessment plan which will be moving through the approval process in Fall 2007. In addition, a new proposed major relevant to technology will be proposed (see below). Third, an exit examination will be piloted in Spring 2008 to prospective graduates of the VEDT major.

Manufacturing and Production  
Technology Major  
*BS degree*

The program will develop and enhance the knowledge and skills necessary for those interested in a career in the Manufacturing and production sector. For those students who have completed an associate's degree with a technical emphasis in the areas affiliated with manufacturing or production they find this program both complementary and Transfer friendly to their previous educational experience.

5. Dissemination of results, conclusions, and discoveries. How and with whom were the results shared?

These results will be shared with the newly created BS in Vehicle Engineering Design Technology will be shared with the Alumni and Industry Advisory Board. It will also be posted on the web site for students and will be shared with the UEDPC and all of ProfEd through the CMU ProfEd Intranet.

A copy of this record will be stored in the Office of Organizational Research and Assessment (Off-Campus Programs).