

CMU Assessment Plan Template

Program Graduate Certificate – Vehicle Design
Assessment Coordinator Dr. Larry Smiley
Department(s) or Interdisciplinary Council Responsible for the Program ProfEd
Five-Year Implementation Dates (2004-2005 to 2008-2009)

1. Student Learning Outcomes for the program. List the Student Learning Outcomes in each of the domains that apply to the program.

The graduate certificate program is designed for regularly admitted graduate students who desire advanced training in the field of administration.

With a Certificate in Vehicle Design and Manufacturing Administration, learners will be able to:

- 1. Take leadership responsibility in vehicle design and manufacturing administration in the industry.**
- 2. Identify and apply production concepts to the administration of vehicle design and manufacturing processes.**
- 3. Apply industrial management principles to the vehicle design industry.**
- 4. Manage logistics systems in the industry.**
- 5. Apply the concepts of quality control.**
- 6. Manage inventory and materials in the vehicle design and manufacturing industry.**

2. Curriculum Alignment of Student Learning Outcomes. Where is the information introduced, emphasized, and/or reinforced in the courses required in the program? Use the format below to list the program Outcomes and the Required Courses. Fill in each cell with either an 'I' where the outcome is *introduced*, an 'E' where the outcome is *emphasized*, and/or an 'R' where the information is *reinforced*.

Program Student Learning Outcomes	CERTIFICATE COURSES					
	IET 500	IET 501	MGT 542	MGT 543	MKT 665	MSA 610
1		I, E	I	E	I	I
2	E	E	E	E	E	
3	E	E	R	E	E	R
4	R	R	R	R	E	
5	R	E		E		R
6		R	E		R	

I = Introduced E = Emphasized R = Reinforced

3. Evidence/Artifacts used to assess Student Learning Outcomes over the 5 year period of this Plan. What instruments will be used in each of the five years? When and where will they be administered in each of the five years? Which Student Learning Outcomes will be assessed during each of the 5 years? How will results be reported (e.g. percentages, ranks, state or national comparisons) for each of the 5 years?

Outcomes to be Assessed each Year	Instruments to be used each Year	Expected Measures from the Instruments	Academic Year
<u>Direct Measures:</u>			
Outcomes 1 and 3	Course-level assessment, using problem-based projects in IET 501 , graded using rubric or embedded test questions	Percent of possible points	2004 – 2005, 2006 – 2007, 2008 – 2009
Outcomes 2 and 3	Course-level assessment, using problem-based projects in IET 500 , graded using rubric or embedded test questions		2005 – 2006, 2006 – 2007, 2007 – 2008, 2008 – 2009
Outcome 5	Course-level assessment, using problem-based projects in MGT 543 , graded using rubric or embedded test questions		2004 – 2005, 2005 – 2006, 2006 – 2007, 2007 – 2008
Outcome 4 and 6	Course-level assessment, using problem-based projects in MGT 542 , graded using rubric or embedded test questions		2005 – 2006, 2006 – 2007, 2007 – 2008, 2008 – 2009
<u>Supporting Measures:</u>			
Outcomes 1 – 6	Alumni Survey – instrument attached	Detailed data analysis	2004 – 2005, 2006 – 2007, 2008 – 2009
Outcomes 1 – 6	Current Student Survey – instrument being developed	Detailed data analysis	2005 – 2006, 2007 – 2008, 2009 – 2010

4. Dissemination of Information over the 5 year period of this Plan. When, where, and how will results be disseminated to stakeholders in each of the 5 years?

Expected Measures from the Instruments	Affected Stakeholders	Dates and locations for dissemination of results
Alumni Survey – detailed data analysis	<ul style="list-style-type: none"> • Faculty • Students • MSA Council • Dean • Academic Senate • Board of Visitors 	<ul style="list-style-type: none"> • Faculty Development workshops • Aggregate data will be placed on ProfEd website • Aggregate data will be placed in ProfEd newsletters to faculty and alumni
Current Student Survey – detailed data analysis		<ul style="list-style-type: none"> • In classes • Faculty Development workshops • Aggregate data will be placed on ProfEd website • Aggregate data will be placed in ProfEd newsletters to faculty and alumni
Course-level problem-based projects evaluated using rubrics or embedded test questions		

Date sent to the Assessment Council _____

Date reviewed by the Assessment Council _____

Approval Date _____