

NTID
Applied Mechanical Technology (AMT) Outcomes Assessment
Plan and Report for AY 2008-2009

Program Goal: To prepare students for matriculation and later success in RIT College of Applied Science and Technology (CAST) engineering technology programs.

Critical Outcomes for all Students		Assessment of Outcomes		Timeline		Results	
Domain/Task/Capability	Performance Criteria/Benchmarks	Instrument/Opportunity	Assessment of Performance	Develop	Collect	Summarization of Results	Use of Results
Success in AMT AAS Program	Students will make satisfactory progress while in the AMT program.	Courses offered at NTID and in CAST programs	Seventy five percent (75%) of students will make satisfactory progress in completing required courses with a "C" or better while in the AMT program.	AY 2006-2007	Annual collection of data starting the year after the AMT program is implemented (AY 2007-2008.)	<p>There are 4 AMT-Coded (NAMA) first year students for AY2008-29009. The students enrolled these courses:</p> <p>1. 0610-220 Design Dimensioning & Tolerance (N=4, 4 of 4 received C or better).</p> <p>2. 0617-420 Mfg Process II (N=3, 3 of 3 received C or better).</p>	<p>Three Academic Year Accumulative Summary:</p> <p>1. 0617-420 Mfg.Process (N=8, 6 of 8 received C or better);</p> <p>2. 0610-220 Design, Dim. & Tol. (n=10, 9 of 10 received C or better).</p> <p>It is early to determine and the first group have yet to graduate. However, the preliminary outcome is showing healthy results.</p>
Transferability	Students completing the AAS program will be accepted into one of CAST's engineering technologies	Student transfer rates	Of those who have the intent to enroll, 75% of students completing the AMT degree will be accepted	AY 2006-2007	Annual collection of data starting two years after AMT program is implemented (AY 2008-2009.)	N/A	It is early to determine and the first group have yet to graduate and transfer into CAST.

	program.		into a CAST engineering technology program.				
Success in CAST BS Program	The AMT program will prepare students for success in CAST Engineering Technology programs	Student retention and graduation rates	For AMT graduates who transfer to a CAST engineering technology program, their retention and graduation rates will not be not significantly different than those of other transfer students.	AY 2006-2007	Annual collection of data starting two years after AMT program is implemented (AY 2008-2009.)	N/A	N/A
Student Satisfaction	Graduating students will indicate satisfaction with the AMT courses and program.	Student Satisfaction Inventory	Eighty percent (80%) of students graduating will indicate "satisfaction" with the AMT courses and the program.	AY 2006-2007	Administered yearly to 2nd year students in the Spring quarter (beginning AY 2007-2008.)	For quarter 20081 (n=1), 100% of students "agreed" or "strongly agreed" that "Overall, I am satisfied with the courses in this program." Also, 100% of students "agreed" or "strongly agreed" that "Overall, I believe that this program will help me with my career."	It is early to determine.

Comments:

(Summary/Reflections on progress made since AY 2006-2007 Middle States Report)

The AMT program was created as part of a department-wide curriculum change effort that took effect with AY 2006. As part of the AMT curriculum, a data collection process was created for Outcomes Assessment.

This program will need more time for a sufficient number of students to enter and complete the program before an analysis of Outcomes Assessment data can be determined.

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