

NTID
Applied Mechanical Technology (AMT) Outcomes Assessment
Plan and Report for AY 2009-2010

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>1. Five students coded NAMA enrolled in either 0610-220 Design, Dimensioning & Tolerance (n=1) or 0890-216 (n=4)*. 4 of 5 received C or better.</p> <p>2. Five students enrolled in 0617-420 Mfg Process II (n=1) or 0813-224 Industrial Processes (n=4)*. 5 of 5 students received a grade of C or better.</p>	<p>Four Academic Year Accumulative Summary:</p> <p>1. 0610-220 DD&T (n=11, 9-11 received a C or better)</p> <p>0890-216 DD&T (n=4, 4-4 received a C or better)</p> <p>2. 0617-420 Mfg Process II (n=4, 4-4 received a C or better)</p> <p>0813-224 (n=4, 4-4 received a C or better)</p>
Transferability	Students completing the AAS program will be accepted into one of CAST's engineering technologies program.	Student transfer rates	Of those who have the intent to enroll, 75% of students completing the AMT degree will be accepted into a CAST engineering technology program.	AY 2006-2007	Annual collection of data starting two years after AMT program is implemented (AY 2008-2009.)	<p>1. Graduated from AMT (n=1)</p> <p>Transferred to CAST (n=1)</p>	<p>Preliminary outcome is showing healthy results. One graduate – one transfer = 100%</p>
Success in CAST BS	The AMT program will	Student retention and	For AMT graduates	AY 2006-	Annual collection of	It is to early to determine.	N/A

Program	prepare students for success in CAST Engineering Technology programs	graduation rates	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.	2007	data starting two years after AMT program is implemented (AY 2008-2009.)		
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.)	N/A	N/A

Comments:

0610-220 Design, Dimensioning & Tolerance is a CAST course (n=1 withdrew). 0890-216 is an NTID course that transfers to CAST and satisfies the 0610-220 requirement.

0813 224 Industrial Processes is an NTID course that transfers to CAST and satisfies the 0617-420 requirement.

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