

# NTID

## Applied Mechanical Technology Outcomes Assessment Plan and Report for AY 2012-2013

**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		Performance Criteria/Benchmarks		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.)	For the AY 2012 (n=3), 100% of students earned a grade of "C" or better in Mfg Processes II, and 100% (n=4) of students earned a grade of "C" or better in the DD&T.	Met expectations, and no further action is needed.
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.)	For AY 2012, one student graduated from AMT and is expected to be accepted into CAST.  [update] For AY 2010-11 graduates, 1 students was employed and 3 were continuing in school at RIT.	The AMT graduation rate did not meet expectations, although a larger group is expected to graduate next year.
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.)	For AY 2012, one AMT graduate student graduated from CAST with a BS degree.	This was the first AMT graduate student to graduate from CAST.
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 AY 2012 (n=1) 100% of students "agreed" or "strongly agreed" that "Overall, I am satisfied with the courses in this program."  100% of students "agreed" or "strongly agreed" that "Overall, I believe that this program will help me with my career."	Though the sample was very small, the student gave the AMT program high ratings in the satisfaction survey.

**Comments:**

