**NTID**
**Applied Mechanical Technology (AMT) Outcomes Assessment**
**Plan and Report for AY 2010-2011**

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

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<th>Domain/Task/Capability</th>
<th>Performance Criteria/Benchmarks</th>
<th>Instrument/Opportunity</th>
<th>Assessment of Performance</th>
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<th>Results</th>
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<tr>
<td>Success in AMT AAS Program</td>
<td>Students will make satisfactory progress while in the AMT program.</td>
<td>Courses offered at NTID and in CAST programs</td>
<td>Seventy five percent (75%) of students will make satisfactory progress in completing required courses with a &quot;C&quot; or better while in the AMT program.</td>
<td>AY 2006-2007</td>
<td>Annual collection of data starting the year after the AMT program is implemented (AY 2007-2008.)</td>
<td>For the AY 2010 (n=4), 75% of students earned a grade of “C” or better in their courses: Mfg Processes II (0617-420) and DD&amp;T (0890-216).</td>
<td>Continue to perform well, meeting expectations, and no actions needed until Semesters occur.</td>
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<td>Transferability</td>
<td>Students completing the AAS program will be accepted into one of CAST's engineering technologies program.</td>
<td>Student transfer rates</td>
<td>Of those who have the intent to enroll, 75% of students completing the AMT degree will be accepted into a CAST engineering technology program.</td>
<td>AY 2006-2007</td>
<td>Annual collection of data starting two years after AMT program is implemented (AY 2008-2009.)</td>
<td>For the AY 2010, six students have successfully completed the coursework for the AMT program. As of this writing (6/20/2011), 3 of 6 students (50%) have been accepted into CAST.</td>
<td>Preliminary outcome is not showing healthy results, and currently reviewing reasons why students are not being accepting to CAST. Several factors includes poor GPA, doing remedial work, etc.</td>
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<td>Success in CAST BS Program</td>
<td>The AMT program will prepare students for success in CAST Engineering Technology programs</td>
<td>Student retention and graduation rates</td>
<td>For AMT graduates who transfer to a CAST engineering technology program, their retention and graduation rates will not</td>
<td>AY 2006-2007</td>
<td>Annual collection of data starting two years after AMT program is implemented (AY 2008-2009.)</td>
<td>The first AMT graduate student to graduate from CAST is schedule for the next academic year.</td>
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### 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 20103 (n=3), 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.”

Met expectations and no actions needed.

### Comments:

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