

2010-2011 Annual Academic Program Assessment Plan

Academic Program:	A.S. Mathematics
Academic Program Division:	Science, Math and Engineering
Program Responsible Person:	Richard Arrigotti
Assessment Team Member/s:	Jeff Downs, Jim Strange, Mike Hardie, Scott Morrison, Rich Arrigotti, Gary Schwartz
Date Submitted:	August 23, 2010
College Strategic Plan Goals:	<ol style="list-style-type: none"> 1. Improve student success in program completion and graduation rates. 2. Ensure institutional excellence in teaching, programs and services. 3. Embrace our college's many communities and respond to their diverse needs.
Division Mission:	<ul style="list-style-type: none"> ○ To prepare students to succeed in college-level science, math and engineering courses. ○ To prepare students to transfer to 4-year colleges. ○ To provide students with the knowledge they need in their careers. ○ To provide students with opportunities for personal enrichment
Program Mission:	Provide the academic knowledge and skills for successful transfer to meet higher educational goals.

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Outcome #1

Program Goal:	By providing students with mathematical knowledge, WNC AS Math graduates will grow intellectually and have the ability to more easily integrate and develop technological advances into their academic and professional lives.
Outcome:	<p>Students who complete an AS Math degree are expected to:</p> <ol style="list-style-type: none"> 1. understand the content of calculus and differential equations; 2. succeed at their transfer institutions.
Assessment Methods and Criteria for Success:	<ol style="list-style-type: none"> 1. Imbed common questions into exams for sections of Calculus I, II, III, and Differential Equations; 2. Track AS Math graduates BA/BS completion from Spring, 2006 through Spring, 2007.
Planned Use of Results:	The department members will meet at the beginning of the Fall/10 semester to develop the common questions. The department will meet at the conclusion of the 2010-2011 year to share and discuss results.