

Preliminary Mathematics Departmental Action Plan 2008-2009

Initiative 1 **Excellence in Education**

Yavapai College is dedicated to excellence in teaching and learning. As the number one priority of the institution, comprehensive instruction and student support planning ensures an environment for successful student learning and the documentation of student learning in transfer/general education, career/technical, basic skills /developmental education, and lifelong learning programs.

Strategic Priority: Students seeking transfer to universities will have the qualifications to make a successful transition. Develop strategies and targets to increase the numbers of Yavapai College students transferring to four-year colleges and universities.

Department Actions: 1. Work with Prescott, Chino Valley, and Bradshaw Mountain High Schools to evaluate current dual enrollment classes and plan for future dual enrollment offerings.

2. Revise the curriculum for MAT 142 to follow common topics list developed by Math ATF.

Strategic Priority: Strengthen and develop intervention programs and services to increase student retention to assist students in completing a degree or achieving their individual academic and/or social goals.

Department Actions: 1. Change the MyMathLab component for MAT 092, 122, 152, 172 and 212 so that they use the Course Compass website instead of Blackboard.

2. Continue a student retention and intervention focus in Physical Science classes.

Strategic Priority: Integrate learning outcomes assessment into all instructional programs, courses, and initiatives to document student achievement of learning outcomes.

Department Action:

1. Continue revision, development, and implementation of student learning outcomes assessment plans in both developmental and general education math courses.

2. Maintain course packets for each course for new adjunct instructors. These packets will contain a sample syllabus, sample calendar (including information on which sections to emphasize and which sections are optional), assessment information and study guide for the common final. Maintain these resources for math faculty on departmental Blackboard site.

Strategic Priority:

Develop culture of customer service to support student recruitment and retention, and effective internal operations.

Department Action:

1. Identify potential qualified adjuncts and what classes can they teach.

2. Offer a MyMathLab training session in August for all instructors across the district. This session will familiarize instructors in the use of the Course Compass version of MyMathLab and inform them of the upcoming changes in MyMathLab.