

# **COCONINO COMMUNITY COLLEGE**

## **COURSE OUTLINE**

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Status: Experimental  
Revised by: Kathryn Kozak

Date: 9/18/2009  
Expires: Fall 2013  
Spring 2010

A. Identification:

1. Subject Area: MAT
2. Course Number: 111
3. Course Title: Math Help - 411
4. Credit Hrs: 2
5. Catalog Description: Small group supplemental instruction in math and study skills development.  
Co-requisite: BUS 232, MAT 142, 151, 160, 172, 180, 181, or 187. Two lecture. Must be taken for S/U grading.

B. Course Goals: To apply supplemental instruction principles to students currently enrolled in a college 100 level-math course. Study skills, test taking skills, and other topics will be emphasized to improve the academic success of students.

B. Course Outcomes:

Students will:

1. Identify academic support opportunities within the community
2. Identify learning styles for academic success
3. Create an effective notebook
4. Create effective formula sheets and math support materials
5. Identify how to take notes in a math class for effective studying
6. Apply memorization and test taking skills
7. Explore other topics selected by the students

D. Course Assessment:

Will include:

1. Student notebook
2. Participation.

E. Course Content:

Will include:

1. Study skills
2. Test taking skills
3. Learning styles
4. Notebook development
5. College survival skills
6. Stress and math anxiety management
7. Math concepts including
  - a. statistics
  - b. algebra
  - c. trigonometry
  - d. graphing
  - e. problem solving