



## Precalculus Algebra: University of Alabama

(For a list of topics covered in the course, please see [http://www.theNCAT.org/R2R/AcadPrac/Topics/UA\\_PreCalc\\_Top.pdf](http://www.theNCAT.org/R2R/AcadPrac/Topics/UA_PreCalc_Top.pdf).)

Precalculus Algebra is a one-semester, three-credit course that covers the following topics:

### Commercial Materials

- Textbook: *Precalculus*  
Author: Margaret Lial  
Publisher: Addison Wesley  
Edition: 8<sup>3rd</sup> edition
- Software: *MyMathLab*  
Publisher: Pearson  
<http://www.mymathlab.com/>

**Description:** *MyMathLab* is modularized, allowing faculty to select the units they want to cover and to build a customized course. The software includes all content material, homework, quizzes, and tests and provides a rich and flexible set of course materials keyed to the text, along with course-management tools that make it easy to customize the course. The software can function in both a lab environment and online. The software provides lectures in streaming video format on all topics covered in the course. Faculty can create and manage online homework assignments that are automatically graded, or use homework assignments from an online bank of exercises that are tightly correlated to the exercises in the text. Homework exercises include guided solutions and sample problems to help students understand and master mathematical concepts. Students may choose to work problems either from the software or from the textbook.

**How to obtain:** A variety of licensing and purchasing options are available. See the *MyMathLab* web site for more details. For example, Alabama students purchase the software bundled with the textbook.