

Global Learning Semesters

Course Syllabus

Course: MATH-160 College Algebra

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
MATH-160	College Algebra	3
Semester Offered	Contact Hours	Prerequisites
Fall, Spring, Summer	42	None
Department	Level of Course	Language of Instruction
Computer Science	Lower Division	English

Course Description

This course develops the fundamental concepts of algebra and trigonometry. More specifically, the course covers the following topics: Equations and Inequalities, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric Functions, and Graphs.

Instructor

Maria Hadjiparaskeva Adamides

Course Aims and Objectives

This course is designed to give the students a background in the algebra and trigonometry elements necessary for any other subsequent mathematics courses in the curriculum.

Teaching Methods

The course is delivered through a mixture of lectures, practical exercises, assignments, quizzes, and tutorials. Additional media and student/lecturer supplements are also used.

Course Teaching Hours

42 hours (42 hours lectures/presentations/tutorials). The course is delivered during the Fall and Spring semesters in 14-weeks (3 hours/week). During the Summer session the course is delivered in 7 weeks (6 hours/week)

Evaluation and Grading

Class Participation/Homework/Quizzes: 5-20%
Mid-Term(s): 30-45%
Final Exam: 40-50%

Readings and Resources

Required Textbook

Michael Sullivan, Algebra & Trigonometry, Pearson Education, Inc., 7th Edition, New Jersey, 2005. ISBN 0-13-143073-4