

## Global Learning Semesters

### Course Syllabus

Course: MATH-105 Intermediate Algebra

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
MATH-105	Intermediate 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

Areas covered include real number properties, polynomials and factoring, rational expressions, solving equations, graphs of linear equations and inequalities, exponents and radicals, second-degree equations and inequalities

### Instructor

Dr Stavros Pouloukas

### Course Aims and Objectives

This course provides the students with basic algebra skills.

### Teaching Methods

The course is delivered through a mixture of lectures, tutorials, practical exercises, assignments and quizzes. 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: 10%  
Mid-Terms: 50%  
Final Exam: 40%

### Readings and Resources

**Required Textbook**

Dugopolski, Intermediate Algebra, Fourth Edition, McGraw Hill, 2004. ISBN: 0-07-244393-6.