

LeMOYNE-OWEN COLLEGE
DIVISION OF NATURAL SCIENCES, MATHEMATICS AND
COMPUTER SCIENCE

Syllabus for Math 145, PreCalculus II

INSTRUCTOR: Ali Mostafavi **OFFICE:** GOH 1 00 C
PHONE: 901/947-7423 **FAX:** 901/942-6272
E-MAIL: ali_mostafavi@loc.edu
OFFICE HOURS: Posted on office door or by appointment
TEXTBOOK: Algebra and Trigonometry, 3rd edition by Larson, Hostetler, Edwards

COURSE DESCRIPTION: The study of polynomial, exponential, and logarithmic functions, trigonometric and circular functions, complex numbers, trigonometric equations, laws of sines and cosines and DeMoivre's theorem.

COURSE OUTLINE:

- Chapter 4 Exponential and Logarithmic Functions
- Chapter 5 Trigonometric Functions
- Chapter 6 Analytic Trigonometry
- Chapter 7 Additional Topics in Trigonometry
- Chapter 8 Systems of Equations and Inequalities (Sections 1, 2)

MAKE-UP POLICY: Quizzes: There will be NO make-ups. Tests: Any student with an excused absence MUST contact the instructor PRIOR to class so arrangements can be made for an appropriate make-up time.

TUTORING- The Academic Skills Center (GOH 208) has a mathematics tutor, Mrs. Hightower, available Monday-Thursday, 8 am - 2 p.m. Also, your instructor is available during his office hours or by appointment.

EVALUATION PROCEDURES:

1. Periodic ten point quizzes will be given which will be accumulated in order to compute as a 100 point test score.
2. There will be four 100 point tests during the session, the lowest of which will be dropped. The test questions will be similar in format to the examples in the book and the homework problems.
3. The final examination will be worth 100 points.

FINAL GRADE: The highest possible cumulative point total for the quizzes, tests, and final examination is 500 points. Take your number and divide by 5 to calculate your grade by the scale below.

A: 90-100 B: 80-89 C: 70-79 D: 60-69 F: Below 60