COURSE TITLE: MAT 116 – Introduction to Trigonometry

INSTRUCTOR: Maureen Nicholson PHONE: 687-5223 or 687-5230
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OFFICE HOURS: Monday: 1:00 -2:00 pm; Tuesday and Thursday: 8:30 -10:00 am

CALCULATOR: Although a scientific calculator is sufficient for this course, a graphing calculator is required for the student currently enrolled or intending to take Pre-calculus. The TI-83+ or TI-84 are highly recommended.

OBJECTIVE: This course covers the basic concepts of right triangle trigonometry. At the completion of this one credit course the student will:
- Know the definitions and properties of the six trigonometric functions of any angle in degree and radian mode
- Be able to apply the trigonometric functions to solve word problems
- Know and be able to work with the fundamental trigonometric identities

HOMEWORK: Homework is an essential part of learning math. Homework sheets will be given out each week and gone over during the first part of class. Because there is no textbook for this course, summary sheets will be provided. Additional resources can be found on the web at http://people.sunyulster.edu/nicholsm/

GRADING: There will be one cumulative final exam at the end of the five weeks. This exam is comparable to a unit exam. However, it will be the only grade for the course.

A = 93 – 100  B = 83 – 86  C = 73 – 76  D = 63 – 66
B+ = 87 – 89  C+ = 77 – 79  D+ = 67 – 69  F = 0 – 59

ATTENDANCE: Every student is responsible to be in each class and on time. Any student with excessive absences may be subjected to removal from the class roster. The student is responsible for learning the material missed by any absence.

TUTORING: Free drop-in tutoring is available at Times\(^2\): The Math Place (VAN 128). Also, the Learning Center (VAN 247) has many other resources such as one on one peer tutoring, video tutorials and computer tutorials. For more information about The Math Place or other learning options, call or stop by the Learning Center.

E-mail: lac@sunyulster.edu Phone: 687 – 5039

Students are encouraged to utilize these resources!