MATH 111 – PRECALCULUS

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Office Hours: Monday, Friday 10.00-11.00 a.m. /Wednesday 2.00-3.00 p.m.
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REQUIRED ITEMS:

1) Scientific calculator. I would recommend the TI-30xIIS or the Casio Fx-300MS if you do not have a scientific calculator. These can be purchased for under $20. You may NOT use a graphing calculator or a cell phone. If you come to a test or quiz without a scientific calculator, you will have to take it without one. Some assignments (hw, tests and quizzes) will be done in class without a calculator.

2) Everyone must purchase access to My Labs Plus. You access My Labs Plus by logging on to Salukinet, clicking on the “My Courses” tab, and you will find the MyLabsPlus link.

You should purchase the stand alone My Labs Plus code that comes with an ebook (not a physical book). The ebook has an option to highlight, take notes, etc. You can print it chapter by chapter if you so choose. This is the least expensive option.

- You will be prompted to purchase the MLP code online with a credit card when you try to access the homework for the first time. This should be your least expensive option.
- If you purchase a My Labs Plus access code elsewhere, you MUST purchase a My Labs Plus code (NOT similar products such as My Math Lab)

3) Optional Text (textbook is online in My Labs Plus):

Beecher, Penna, and Bittinger Algebra and Trigonometry, 5th Edition. If you find you want a physical text book, I would recommend purchasing an older version since it will only be used as a reference.

TUTORING SCHEDULE:

- COS Study Area Tutoring - Monday - Thursday 4-9 p.m. (No Computers)
- Morris Library Tutoring – Monday – Thursday 5-8 p.m. (Tutors and Computers)

RECENT FINALS: Go to www.math.siu.edu then click on Course Information, Recent final exams, Math 111.

Be aware of the University policy regarding the grade of INC. I abide by it.
ASSESSMENT/EVALUATION:

Grading: Course grades are based on a 100, 90, 80, 70, 60…% scale.

Homework Assignments (lowest 2 will be dropped ) = 16%
Quizzes = 13% (drop lowest 1)
Worksheets = 5%
Tests = 44% (4 tests)
Final = 22% (comprehensive)

There will be no extra credit or bonus points given in this course, so be sure to keep track of your grade on My Labs Plus throughout the semester.

Grade Scale: (may be lowered, but that will not be determined until after final exam)
90 – 100% A
80-89.9% B
70-79.9% C
60-69.9% D
below 60% F

ASSIGNMENTS AND LATE POLICIES:

Please see me if you know you will miss a class. I can arrange for you to do the work before you leave.

Tests: There will be no make up tests. If you miss an exam and have a valid excuse (verification will be necessary), I will replace this exam score with the cumulative final exam percent. If you miss an exam, please contact me immediately.

Online Homework Assignments: Most of the homework will be submitted online. You should be able to earn close to 100% on this homework. If you miss a question, you can create a new question to replace it by clicking “similar exercise”. You may work on the homework 1 day after the due date. However, there will be a 10% late penalty.

Worksheets: No late worksheets will be accepted. If you would like to hand it in early, please slide it under my office door.

Online Quizzes: There will be no make-up quizzes, so watch the due dates closely. You will not be given the help features when completing a quiz. You can take the quiz up to 2 times and only your best score will be recorded. You may use up to 30 minutes for a quiz. Once the 30 minutes is up, you will be logged out of the quiz.

CATALOG DATA: An intensive review course in college algebra and trigonometry for students who plan to take Calculus I. The algebra of functions (polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric), graphing (polynomial, rational, exponential, logarithmic, and trigonometric function), analytic trigonometry and trigonometric identities, including the law of sines and the law of cosines, conic sections, complex numbers, polar coordinates, parametric equations. Not open to students with credit in 108 or 109.

COURSE OBJECTIVES: To acquaint the student with the fundamental ideas of college algebra and
trigonometry. Specifically: 1) To develop students’ skills in solving equations and inequalities (involving polynomials, rational functions, radicals, absolute values exponential functions and logarithmic functions); graphing functions (especially polynomials, rational functions, logarithmic functions and exponential functions); performing algebraic operations on functions (addition, subtraction, multiplication, division and composition); and applying algebraic techniques to solve problems. 2) To develop knowledge and skills in: definitions of the trigonometric functions, graphing trigonometric functions, addition and subtraction formulae, double and half-angle formulae, inverse trigonometric functions, Laws of Sines and Cosines, vectors, polar coordinates and graphing polar equations, and fundamentals of analytic geometry (conic sections).

**Emergency Procedures.** Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT’s website at [www.bert.siu.edu](http://www.bert.siu.edu), Department of Safety’s website [www.dps.siu.edu](http://www.dps.siu.edu) (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency.

Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. **It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency.** The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.