

MATH 119 - Pre-Calculus w/ Trigonometry

Department of Mathematical Sciences

Fall 2010

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: Math 101 with a B- or better or Placement Exam

Course Description: MATH 119 Pre-Calculus with Trigonometry:

The primary purpose of this course is to provide a strong foundation so that students are prepared to study calculus. Familiarity with and a good facility in handling assorted functions is more important than mathematical rigor.

Textbook: Axler, Precalculus: A Prelude to Calculus, First Edition

Instructor: Dr. Eran Makover

Phones: Office: (860) 832-2843

Email: makovere@ccsu.edu best way to reach me

Office: Marcus White 110

Office Hours: Tuesday Thursday and Friday 11:00-12:00. Tuesday Thursday 2:00-3:00, or by appointment.

Class Meeting Times: Tuesday and Thursday 4:50 pm - 6:30 pm DiLoreto 109

Coverage: We will cover chapters 1,2,5,6,3 from the book

Link to WileyPLUS: <http://edugen.wiley.com/edugen/class/cls178879/>

Important Notice: You have two weeks to pass the prerequisites test at WileyPLUS. You have 3 attempts to get at list 60% (9/15) correct answers. If you didn't pass you **MUST** come to my office so we can make sure that you review your material.

Course Requirements: : Attend and participate in class regularly; read the book and complete homework assignments, take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class. **For a math class, the expectation is at least 8 hours per week outside of class.**

Homework: Doing homework is the most important part of your course work. After each class you will find the homework at WileyPLUS course website. You are expected to do all homework assign before the next class, although homework will not be collected you need to write down you work. The online homework is to help you track you progress, Remember that on the tests you will be required to justify you answers therefore write a complete justification for every problem don't just guess the correct choice.

Tentative date for the first test October 29

Final Tuesday December 14 5:00 - 7:00

Electronic Devices Policy: Cell phones, laptops, MP3's, PDA's, or any form of personal electronic or communication devices, are not to be used during class, exams, or quizzes unless special accommodations are necessary.

University Policies:

1. You must take the final examination at the time specified in the course selection book
2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My telephone numbers and office hours are given above.

I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the "general snow message."
4. The last day to withdraw from a course is October 25 Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course.

After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.

Poor academic performance is not considered an extenuating circumstance.

5. You are responsible for understanding and abiding by the University's policy on academic integrity. Information on the policy may be found at <http://www.ccsu.edu/AcademicIntegrity/>. This policy is rigorously enforced by the Department of Mathematical Sciences.

Resources Available:

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Room 241, Copernicus. Free tutoring is available in Room 241, Copernicus, and at other locations on campus. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

Evaluation

The average for the course will be based on the following weights:

<u>Three exams</u> (highest exam score weighted 30%, second highest weighted 20%, lowest score weighted 10%)	60%
<u>Quizzes</u>	20%
<u>Final Examination</u>	20%
<u>Total</u>	100%

Three exams: the three exams count 60%, but are weighted in your favor according to the following scheme: your highest score is weighted 30%, second highest weighted 20%, lowest score weighted 10%.

Note: In order to receive the grade of C- or better for the course, you must receive the grade of at least 60% on the final exam.

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The single most valuable piece of advice in this whole syllabus (really):

***It is virtually impossible to pass this course without doing the homework!* (No kidding!) This is not a threat, but simply a *reality* of math courses. Just watching me work problems in class is *not* sufficient. It would be like taking a course in swimming without ever getting in the water. The only way you learn this stuff is with lots of practice (the same was true for me, too). That means you need to do *all* the homework religiously.**

A Useful Diagnostic: If you work the problems using the solutions in the back of the book or a tutor, *be careful* not to fool yourself. Until you can do a problem without *constant* help from the tutor or without *constantly* looking at the solution, then you do not really understand how to do the problem. Remember that the solution or the tutor will not be there to help you on an exam. That doesn't mean don't use them – it simply means don't use them as a crutch.