

**CENTRAL CONNECTICUT STATE UNIVERSITY**  
**DEPARTMENT OF MATHEMATICAL SCIENCES**  
**SPRING 2010**

**COURSE:** MATH 119 (02)  
**TITLE:** PRECALCULUS WITH TRIGONOMETRY  
**PREREQUISITES:** MATH 101(C- or better) or Placement Test (Level 3).  
**COURSE DESCRIPTION:** This course is a preparation for the calculus sequence. It covers properties of functions including polynomial, rational, periodic, exponential and logarithmic. Also covers trigonometry, including the unit circle, right triangles, and analytic trigonometry.

**INSTRUCTOR:** Ivan Gotchev, Ph.D.  
**OFFICE:** MW 115A  
**PHONE:** 832-2839  
**EMAIL:** [gotchevi@ccsu.edu](mailto:gotchevi@ccsu.edu)  
**WEB PAGE:** <http://www.math.ccsu.edu/gotchev/>  
**OFFICE HOURS:** TR 3:00 – 3:25 PM, 4:50 – 6:40 PM, and F 1:20 – 1:50 PM, or by appointment.

**TEXTBOOK:** Precalculus by Sheldon Axler, © 2009, John Wiley.  
**COVEREGE:** Selected sections from chapters 0, 1, 2, 3, 4, 5 and 6 will be covered.

**SCHEDULE OF CLASSES:** TR 9:00 – 10:40 AM in MS 216.  
**ATTENDANCE:** The material covered by this course will be discussed and explained clearly in class and proper examples will be solved. Therefore regular class attendance is important.

**EXAMINATIONS:** There will be two tests during the semester, four take-home exams, online homework assignments and a cumulative final exam on Tuesday, May 18, 8:00 – 10:00 AM. The examination problems on the test and the final exam will be similar to those solved in class, included in take-home exams, or given as homework assignments.

**HOMEWORK:** The best way to learn mathematics is to solve as many problems as possible. In the list below are given suggested problems that you have to solve before solving your online and take-home exam problems.

**GRADING:**

TWO TESTS	30%
ONLINE HOMEWORK	10%
FOUR TAKE-HOME EXAMS	40%
FINAL EXAM	20%

If you score 93% or more your final grade will be an A, 90% or more but less than 93% - A-, 87% or more but less than 90% - B+, 83% or more but less than 87% - B, and so on. Less than 60% is F.

**MATH 119, Spring 2010**  
**Suggested Homework Assignments and Tentative Time Table**

Week	Section	Homework Assignments
1/26	0.1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
	0.2	All odd from 1 to 39
	0.3	All odd from 1 to 39
1/28	1.1	All odd from 1 to 55
	1.2	All odd from 1 to 43
	1.3	All odd from 1 to 49
2/2	1.4	All odd from 1 to 41
	1.5	All odd from 1 to 41
	1.6	All odd from 1 to 35
2/4	2.1	All odd from 1 to 39
	2.2	All odd from 1 to 37
2/9	2.3	All odd from 1 to 59. Take-Home Exam 1 Due Date.
	2.4	All odd from 1 to 29
2/11	2.5	All odd from 1 to 39
2/16	2.6	All odd from 1 to 39
2/18	2.7	All odd from 1 to 29
2/23	3.1	All odd from 1 to 57
	3.2	All odd from 1 to 69
2/25	3.3	All odd from 1 to 55
3/2	3.4	All odd from 1 to 31
	3.5	All odd from 1 to 57
3/4	Review	
3/9	Test 1, Tuesday, March 9. Take-Home Exam 2 Due Date.	
3/11	Review	
	4.1	All odd from 1 to 39
3/16	5.1	All odd from 1 to 31
	5.2	All odd from 1 to 33.
3/18	5.3	All odd from 1 to 29
3/30	5.4	All odd from 1 to 33
4/1	5.5	All odd from 1 to 79
4/6	5.6	All odd from 1 to 59
4/8	5.7	All odd from 1 to 21
4/13	5.8	All odd from 1 to 21
4/15	6.1	All odd from 1 to 37
4/20	6.2	All odd from 1 to 15. Take-Home Exam 3 Due Date.
4/22	6.3	All odd from 1 to 69
4/27	6.4	All odd from 1 to 35
4/29	6.5	All odd from 1 to 73
5/4	Review	
5/6	Test 2, Thursday, May 6. Take-Home Exam 4 Due Date.	
5/11	Review the whole material covered	
5/18	Final Exam, Tuesday, May 18, 8:00 – 10:00 AM in MS 216	

**WILEY PLUS ACCESS**

To access and register for your online account, do the following:

- Type the URL <http://edugen.wiley.com/edugen/class/cls151435/> into your browser.
- Check that the section is the correct one (Gotchev - 02) before you register.
- Click the “Register” button to start.
- Click on “Assignments” to start an assignment, or “Gradebook” to view your grades up to the current time.
- For extra help, click on “Read, Study, Practice”. There you will find links to the textbook as well as practice problem sets (ungraded).

For help with registering, go to <http://www.wiley.com/college/twomin/stu/register.html>. Once registered, you can obtain additional support at [www.wileyplus.com/support](http://www.wileyplus.com/support) for live chat and [www.wileyplus.com/studentfdoc](http://www.wileyplus.com/studentfdoc) for additional resources.

### UNIVERSITY POLICIES

1. You must take the final examination at the time specified in the course selection book on **Tuesday, May 18, 8:00 AM – 10:00 AM**.
2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. 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 drop a course is **Friday, March 19**. Approvals for withdrawal prior to this date 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 **March 19** 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.
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.
6. 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.

### 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 242, 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.