

CCSU Department of Mathematical Sciences

MATH 105 Survey of Math for Liberal Arts

Instructor: Judyth A. Marzi

Days: Tues., Thurs. 9:30 – 10:45 a.m.

Section: 03 **CRN:** 13688

Room: M.S. 323

Semester: Fall 2010

Office Hours: Tues., Thurs. 7:30 - 8 a.m., MS 323
and 10:45 -11:45 a.m., MS 219

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

Prerequisite: Placement examination, or a grade of C– or higher in MATH 101. Students who do not have the necessary prerequisite will not be allowed to stay in the course.

Students for Whom This Course is Intended: This course will be an option available to students in fulfilling General Education requirements. It is especially intended for students majoring in Art, Music, History, English, Theater, or any other area not having 6 credits of specified mathematics, statistics, or computer science already required.

Basic Goals of the Course: This course will introduce the student to several areas of mathematics, to the nature of mathematical thinking, and to various ways that mathematics applies to “real world” situations.

Textbook: The Nature of Mathematics, by Karl J. Smith, Eleventh Edition (Custom)

Class Meeting Times:

Tuesday and Thursday, 9:30 -10:45 a.m. in Maria Sanford Room 323

Attendance will be taken.

Course Requirements: Attend and participate in class regularly; complete homework assignments on time; 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 MATH 105, the expectation is at least 6 hours per week outside of class. THE IMPORTANCE OF ATTENDANCE AND COMPLETION OF HOMEWORK ASSIGNMENTS ON TIME CANNOT BE STRESSED ENOUGH.** The amount of time spent on class work and homework is usually directly proportional to the degree of success with which students complete this course.

Students are expected to take notes in class and keep a notebook of all supplementary material given.

Students are required to keep a homework notebook/journal with the examples clearly marked by section, page and number. For every example assigned, students are required to have **either** the correct answer (and all work leading to it) **or** a journal entry explaining where the student encountered difficulty and what part of the problem the student could not find reference to either in the text or in class notes.

Calculator Use: Graphics calculators will be used in MATH 105. I will be using a TI-83, TI-83+, or TI-84 in class.

Electronic Devices Policy: Cell phones, laptops, ipods, 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 and have been authorized by the instructor.

University Policies:

1. You must take the **Final Examination** at the time specified in the course selection book: **TUESDAY, DECEMBER 14, 8:00-10:00 A.M. (PLEASE NOTE TIME!!!)**
2. 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, please make an appointment with me as soon as possible. My e-mail and office hours are given on the first page of this syllabus. 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 weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the "general snow message", or go to the university website ccsu.edu.
4. **Last day to drop a course and receive the grade of "W" is Monday, October 25.** 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 October 25, withdrawals are allowed only under extenuating circumstances and with appropriate supporting documentation and require approval of the course instructor, department chair, and dean of the School of Arts and 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 there. 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:

Minimum averages have been established for each of these grades:

A 93%, A- 90%, B+ 87%, B 83%, B- 80%, C+ 77%, C 73%, C- 70%, D+ 67%, D 63%, D- 60%

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

Instructor's evaluation based on:

Four Tests to be given on the following dates:

Thurs. Sept. 23, Thurs. Oct. 14, Tues. Nov. 9, Tues. Dec. 7 @ 15% =	60%
Quizzes and Labs	20%
Cumulative Final Examination: Tues., Dec. 14, <u>8 – 10 a.m. (NOTE TIME!)</u>	20%
Total	100%

No make-up tests will be given. A missed test receives a grade of "0"; the lowest test grade will be replaced by the Final Exam grade if the Final Exam grade is greater than the lowest test grade. A student may petition the instructor to take an exam prior to the scheduled date under extenuating circumstances which must be documented beyond the instructor's reasonable doubt.

No make-up quizzes/labs will be given. A missed quiz/lab receives a grade of "0"; the lowest quiz/lab grade will be dropped when computing the quiz/lab average.

The CCSU honor code for Academic Integrity is in effect in this class. You may find it online at: <http://web.ccsu.edu/academicintegrity/UndergradAcadMisconductPolicy.htm>. Please read it carefully. As this policy clearly states, plagiarism and other forms of cheating are forbidden. All writing and other creative work you submit in this class must be your own. You will be punished justly if you use any author's phrasings or ideas without citation.

You are responsible for understanding and abiding by the University's policy on academic integrity. This policy is rigorously enforced by the Department of Mathematical Sciences.

Schedule of sections to be covered (subject to variations): Math 105, Fall 2010

Unless otherwise instructed, students are to complete a minimum of Every Other Odd (EOO) exercise at the end of each section. (EOO = 1, 5, 9, 13, 17, 21, 25, 29, ...)

Tuesday	Thursday
Aug 31 1.1	Sept 2 1.2
Sept 7 2.1	Sept 9 2.2
Sept 14 2.3	Sept 16 2.4
Sept 21 Review	Sept 23 Test One Sections 1.1, 1.2, 2.1, 2.2, 2.3, 2.4 Assignment: Read Sections 3.1
Sept 28 3.1	Sept 30 3.2
Oct 5 3.3	Oct 7 3.4
Oct 12 Review	Oct 14 Test Two Sections 3.1, 3.2, 3.3, 3.4 Assignment: Read Section 12.1
Oct 19 12.1	Oct 21 12.2
Oct 26 12.3	Oct 28 13.1
Nov 2 13.3	Nov 4 Review
Nov 9 Test Three Sections 12.1, 12.2, 12.3, 13.1, 13.3 Read Section 5.5	Nov 11 5.5
Nov 16 7.1	Nov 18 7.6
Nov 23 11.3	Nov 25 Thanksgiving—No Class
Nov 30 11.4	Dec 2 Review
Dec 7 Test Four Sections 5.5, 7.1, 7.6, 11.3, 11.4	Dec 9 Review for Final
Dec 14 FINAL EXAM 8 – 10 a.m. PLEASE NOTE TIME!!!!	