MATH 105 - MATHEMATICS FOR LIBERAL ARTS
READ THIS SYLLABUS CAREFULLY.
YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: MATH 101 (C- or higher) or MATH 102 (C- or higher) or MATH 103 (C- or higher) or placement exam.

Course Description: This course is intended for those students who are not majoring in mathematics or the natural sciences. Provides students with an introduction to a broad range of topics in mathematics. No credit given to students with credit for MATH 218. May not be used to meet the requirements for a major, a minor, or certification in mathematics. CSUS Common Course.

Instructor: Phil Pomposi
Office: Maria Sanford 211/219 E-Mail: pomposip@ccsu.edu
Office Hours: Tuesday and Thursday, 7:20 - 8:00 am; 10:40 - 11:30 am

Textbook: The Nature of Mathematics, 12th edition (Custom); by Karl J. Smith; Cengage Learning 2011

Class Meeting Times: T, R 8:00 am – 9:15 am Maria Sanford 223
Attendance will be taken

Course Requirements: You are expected to attend and participate in all class sessions and activities, complete homework assignments, and take quizzes, tests and the final examination 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 this course, the expectation is at least 6 hours per week outside of class. Please bring your textbook and requested supplies to each class. Homework should be completed prior to coming to class, and students should be prepared to discuss and present homework assignments. If an emergency occurs and you will not be able to attend class, please notify me by sending an email.

Calculator Use: You will be expected to use a calculator on homework, tests, and work done in class. The Texas Instruments “TI 83 or TI 84 (and plus versions)” are recommended though any scientific calculator may be used.

Cell Phones and Other Communication Devices: Must be turned off at all times during class.

University Policies:

1. You must take the final examination at the time specified. The final exam dates are determined by the University. For this class the final will be on Thursday, May 14th, from 8:00-10:00 AM.

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 office hours are given above. Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. If you are a student with a documented disability, and would like to request academic accommodations, you are encouraged to contact Student Disability Services (SDS) at 860-832-1952, or email disabilityservices@ccsu.edu. Please visit the SDS website at http://www.ccsu.edu/sds/ to download an Intake form and documentation requirements. Temporary impairments may also qualify for accommodations. Central Connecticut State University provides reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act for students with documented disabilities on an individualized basis. I will need notification from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Willard Hall, Room W-201, 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 is Monday, April 22nd. 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 Registrar's office are not considered official notice of a student’s intention to withdraw from the course.

After April 22, 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. Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws. Any student who has concerns about this should contact the Office of Diversity and Equity (ODE) at 860-832-1652, Student Affairs at 860-832-1601, or his/her faculty member. The ODE is located on the main floor of Davidson Hall, Room 102.

- Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policies at http://www.ccsu.edu/diversity/policies/index.html. All faculty members and staff have a duty to report incidents of sexual harassment including sexual violence to Rosa Rodriguez, Title IX Officer, Office of Diversity and Equity, Davidson Hall, 102.
• **To file a report, contact:** Diversity and Equity (860-832-1652); Student Affairs (860-832-1601); Student Conduct (860-832-1667) or the University Police (860-832-2375).

• **For support and advocacy, contact:** Office of Victim Advocacy (Diloretto Hall D-305) at 860-832-3795 to speak with Joanna Flanagan {jflanagan@ccsu.edu}; Student Wellness Services at 860-832-1945 (confidential), the Women’s Center at 860-832-1655, the local YWCA’s Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24-hour hotline).

**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 D-316, Diloretto Hall. 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%

Your grade for the course will be determined in the following manner:

1. **Tests**
   Two tests will be given. Each test will cover approximately one-third of the course syllabus. The two tests will each account for 20% of the semester grade. You are required to take the tests on the scheduled date. Make-up tests will be given in extenuating circumstances only and must be completed by the next scheduled class meeting. In the event you are unable to complete the test within the time specified, documentation will be required in order to take the test.

   40%

2. **Final Examination**
   The final exam will cover material from the entire course and must be taken at the time designated during the final exam week.

   25%
3. **Quizzes**

Three quizzes will be given from homework assignments and class work throughout the semester. These quizzes may be given without notice. **There will be no make-up for absences**, however the lowest quiz grade will account for 5% of the semester grade, while the two highest quiz grades will each account for 10% of the semester grade.

4. **Attendance/Class Participation**

You are expected to attend all classes. If you have unexcused recurring late arrivals, each three will count as an absence. In the case of an unavoidable absence, please notify me in advance of the date, or, if that is impossible, e-mail me at the time of the absence. Attendance and class participation are part of your grade in this course.

They are evaluated in this manner:

- Two or fewer absences and frequency of class participation: 8.5% - 10%
- Three or four absences and frequency of class participation: 7.5% - 8.5%
- Five or six absences and frequency of class participation: 5% - 7.5%
- More than six absences and frequency of class participation: 0% - 5%

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**MATH 105**  
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Tentative Block Plan for Semester

**Chapter 1:** The Nature of Problem Solving (1.1-1.3)  
**Chapter 5:** The Nature of Numbers (5.1-5.5)

**Test 1: February 26**

**Chapter 7:** The Nature of Geometry (7.1-7.4)  
**Chapter 9:** The Nature of Measurement (9.1-9.3)  
**Chapter 12:** The Nature of Counting (12.1-12.3)

**Test 2: April 11**

**Chapter 13:** The Nature of Probability (13.1-13.4)  
**Chapter 14:** The Nature of Statistics (14.1-14.3)

**Final Exam: May 16**

**Last day to withdraw: April 22**