

**DEPARTMENT OF MATHEMATICS
COLLEGE OF SCIENCES
CENTRAL WASHINGTON UNIVERSITY
COURSE SYLLABUS WINTER 2012**

1. **MATH 101 Math in the Modern World**

<u>COURSE NUMBER</u>	<u>TIME/DAY</u>	<u>BLDG/ ROOM</u>	<u>INSTRUCTOR</u>
13342	11:00 –11:50	Hertz 122	Dr. Janet Shiver

2. **Textbook and Materials:**

- The text for this course is *Using and Understanding Mathematics*, 4th Edition, Bennett and Briggs.
- A graphing calculator is **required**. The TI- 84 or TI-84 plus is strongly recommended and will be used by the instructor for classroom demonstration. The instructor may not be able to answer questions concerning the operation of any calculator other than the TI-84.

3. **Office Hours and Phone Numbers:**

Office: Bouillon 117

Phone: 963-2834

Email: shiverj@cwu.edu

Office hours: 10:00-10:50 or by appointment

4. **Course Description:** This course is designed to help develop your ability to reason with quantitative information, develop your critical thinking and reasoning skills, and prepare you for the mathematics you may encounter in your other college courses. This course is designed to describe what math is, how it is structured, and how it works. This is a project-based course meaning that you will be asked to apply the skills you have learned in class to problems outside the classroom. These projects will involve writing as well as mathematics.

5. **Course Expectations:** Students will be expected to read the text prior to class, to complete all assigned problems on time and to seek outside assistance when difficulties are encountered. All outside assignments should be NEATLY written **in pencil** or typed and all supporting work must be shown. Students who do not write in pencil will have 10 points deducted from their grade. The daily assignments are a very important component of the course. The time devoted to assignment problems will pay off on tests and quizzes. The best way to insure successful completion of this course is to come to class and keep up with the assignments. Remember, mathematics is like a foreign language. To be successful in mathematics takes practice. Take home assignments will be accepted up to one day late but 20 points will be deducted from the grade received on the assignment for any late work. Late work is anything handed in after the start of class.

6. **Absence Policy:** Regular attendance is essential for successful completion of this course. A student absent from a test or other class assignment will be given a **zero** unless excused in advance by the instructor. Extenuating circumstances such as illness or injury will be evaluated on a case- by- case basis but must be accompanied by a **doctor's note** if the student wishes to make-up the exam. Please have supporting documentation available for review upon returning to

class or you will **not be allowed** to make up the missed work. *More than 4 unexcused absences from this class may result in the student being dropped from the course with a grade of F for the quarter.*

7. **Grading Policy:** The course grade will be determined as follows:
 Average of Unit Tests = 50%
 Average of Homework/ notebook/labs/quizzes/projects = 25%
 Attendance = 5% (0 absences – 100, 1 absence – 80, 2 absences – 60, etc)
 Final Exam = 20%

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
93-100%	90-92%	87-89%	83-86%	80-82%	77-79%	72-76%	70-72%	67-69%	63-66%	60-62%	<60%

8. **Academic Honesty:** The integrity of students and their written and oral work is a critical component of the academic process. There are times when it is proper to get help from other and times when it is not. Feel free to ask others for help on homework, activities and take-home assignments and quizzes. During in-class quizzes and tests all work will be done individually. All written work submitted in this course must properly document all outside sources used. The submission of another’s work as one’s own is plagiarism, and will be dealt with using the procedures outlined in the Undergraduate Catalog.
9. **Course Outline:** This schedule is a **rough** outline of the topics covered in this course and may be modified by the instructor at any time.

Week	Topic	Assessment
January 2nd	Chapter 2A	
January 9 th	Chapter 2B and 2C	
January 16 th	Chapter 3A,3B	No class January 16
January 23rd	Chapter 3A, 4B	Test 1 January 25th
January 30	Chapter 4B and 4C	
February 6	Chapter 4C, 4D	Test 2 February 10
February 13	Chapter 9A and 9B	
February 20	Chapter 8A and 9C	No class February 20
February 27	Chapter 9C, 8B	Test 3 March 2nd
March 5	Chapter 8C, 8D	
March 14 th , Wednesday	FINAL EXAM 8:00 – 10:00	Final Exam

10. **FIRE!** In the event of a fire alarm signal students will exit the building in a quick and orderly manner through the nearest hallway exit. Learn the floor plan and exits of this building. Do not use elevators. Crawl on the floor if you encounter heavy smoke. Assist disabled persons and others if possible without endangering your own life.