

**Instructor** : Aaron Montgomery

**Class** : MTW $\Theta$ F @ 11 am in Hogue 208

**Office Hours** : MF @ 9 am,  $\Theta$ @ noon, and by appt. in Samuelson 221E

**Email** : montgoaa@cwu.edu **Phone** : 963-1906

### Course Outcomes:

Students at the end of this course will be able to...

- use and convert between scientific and engineering notation
- convert units
- use basic formulas involving powers and roots
- solve linear equations and linear systems of equations
- use formulas involving logarithms
- use formulas involving exponential functions
- use formulas involving trigonometric functions
- use the Law of Sines and Law of Cosines

### Graded Coursework:

Your grade will be determined by three factors:

- There will be 7 WeBWorK assignments. WeBWorK is an online homework system. You can log in to the system at the following url:  
<https://webwork.math.cwu.edu/webwork2/Math155Montgomery/>  
Your login will be your student id number and your password will be blank. You can change your password once you log in for the first time.
- There will be 7 homework assignments.
- There will be 8 tests.
  - There will be 7 topics that you will be tested on: notation, unit conversions, algebraic formulas (two tests), linear systems, logarithms, exponentials, and trigonometry.
  - You will be allowed to retake each test up to 6 times. We will test on every Monday of class and during the scheduled final exam period (a total of 11 hours). You may also take tests during my office hours or by appointment.

- In order to take the test the first time, you will be required to complete the associated homework and have scored perfectly on the WeBWorK assignment.
- In order to take a test the fourth time, you will be required to complete a new version of the WeBWorK assignment for that topic.
- In order to take a test the sixth time, you will be required to complete another new version of the WeBWorK assignment for that topic.
- Each test will be graded as: Pass (all answers correct and properly presented), Marginal Pass (small mistake, for example, incorrect addition), or Fail (any conceptual mistake, poorly presented work).

Grades will be based on a criterion system. To achieve a given grade, you must meet all the requirements for that grade.

Grade	=P	≥MP	Homework %
A	8	8	93%
A-	8	8	90%
B+	7	8	87%
B	7	8	83%
B-	6	8	80%
C+	6	8	77%
C	6	8	73%
C-	5	7	70%
D+	5	6	67%
D	4	5	63%
D-	3	4	60%

**Accommodations**

Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Disability Services is located in Hogue 126. Call (509) 963-2214 or email [ds@cwu.edu](mailto:ds@cwu.edu) for more information.

In compliance with RCW 28B.137.010, Central Washington University makes every effort to deal reasonably and fairly with students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Students must present written notice to their instructor within the first two weeks of class listing the specific dates on which accommodations are required. Contact the Dean of Student Success at (509) 963-1515 for further information or questions.