MATH 1473: Mathematics for Critical Thinking

Instructor:  John Paul Cook

Office:  PHSC 924

Office Hours:  Mondays and Wednesdays 4:45pm-5:45pm, and by appointment

Phone:  (405) 325-6711 (this is the Math Department main line--leave a message)

E-mail address:  jpcook@ou.edu

Course Website:  All course documents and information will be posted at http://math.ou.edu/~jcook
All grades will be posted at http://learn.ou.edu.

Textbook:  Title:  Mathematics: A Practical Odyssey (Sixth Edition, Customized for OU)
Author:  Johnson/Mowry

Calculator:  the suggested calculator for this course is a Casio fx-300, graphing calculators are not allowed

Grading:  Your course grade will be based on a 700 point scale.

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<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tr>
<td>Quizzes</td>
<td>100</td>
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<td>Exam I</td>
<td>100</td>
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<td>Exam II</td>
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<td>Exam III</td>
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<td>Exam IV</td>
<td>100</td>
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<td>Final Exam</td>
<td>200</td>
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<td>Total</td>
<td>700</td>
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Attendance:
You are encouraged and expected to attend every class period. Please let the instructor know in advance if you are unable to attend class.

Quizzes and Homework:
You will have one quiz a week (every Wednesday of a non-exam week), and homework will be assigned nearly every class period. While your homework will not be collected, the quizzes will be written directly from the assigned homework problems. Essentially, your homework is “collected” in the sense that your effort on homework will be reflected in your quiz grades.

At the end of the semester your two 2 lowest quiz grades will be dropped. The two dropped grades are to be used in case of illness or unexpected emergency. If you miss a quiz due to illness or unexpected emergency then that will be the grade dropped. There will be no make-up quizzes for any reason. Please contact me if you have any questions about this.
Exams
There will be four exams each one worth 100 points. Students are expected to make it to class the day of an exam. If you miss the day of an exam you must forewarn the instructor and have proper documentation as to why you missed the exam. You must give me your documentation within a week of the exam or you will not be able to take the make-up exam. Make-up exams may not be in the same format as a regular exam.

The exam dates are scheduled for:
- Exam I: Wednesday, February 11
- Exam II: Wednesday, March 11
- Exam III: Wednesday, April 15
- Exam IV: Wednesday, April 29

*Note: These are tentative dates, set primarily for course planning and pacing purposes. Dates of the exams are subject to change.

Exam IV will be of a different format than the other exams. It will most likely consist of a project and an in-class exam, or just a project. Further instructions will be given as the class progresses.

Final Exam
The final exam will be comprehensive and will be worth 200 points. The final exam will be on the last day of class: **Wednesday, May 6 from 6:00 PM to 7:20 PM.** No make-up exams will be scheduled other than those allowed by university regulations. DO NOT schedule any conflicts with the final exam, including surgery, work, travel or classes at other institutions.

Recommendations for this class:
1. **Always let me know about conflicts ahead of time,** whether it involves class, homework, or an exam. The situation has a better chance of being resolved successfully if you notify me beforehand so we can work out a solution.
2. **Come to class!** We only meet twice a week, and in general we will cover multiple sections in one week. If you miss a class, it is your responsibility to acquire notes, etc. for that day.
3. **Please use proper punctuation and spelling in your emails!**
4. **Please do not be fooled by the 1000-level status of this class**—we will move through topics very fast with little time for review. This is a tough class, and it will require a lot of work from you. Take special care to not fall behind.
5. **Math is hard!** At some point in this course, you will experience difficulty. Either you experience difficulty on the homework assignments and eventually figure out the problems, or you experience difficulty when you take the exams. What sounds better?
6. **Do not be afraid to ask for help!** I will do everything that I can to help you learn math. You have to be willing to put the time in, and ask for help if you need it!

Academic Misconduct
Any cases of academic misconduct will be strictly dealt with according to the University of Oklahoma Student Code. University of Oklahoma procedures dealing with academic misconduct can be found on the web page [http://www.ou.edu/provost/integrity](http://www.ou.edu/provost/integrity).
Special Accommodations
The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166.

An Attempt to Make You Think That Math Can Be Cool:

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