

MATH 211 SYLLABUS: SPRING 2012
FOUNDATIONS OF ELEMENTARY MATHEMATICS I
MWF 11-11:50am MNB 103; T 10-11:50am MNB 130

Professor: Dr. Cheryl Beaver
 Office: MNB 123

Phone: 503-838-8404
 Email: beaverc@wou.edu

Webpage: www.wou.edu/~beaverc

FINAL EXAM: MONDAY JUNE 11, 8-9:50AM

OFFICE HOURS & SCHEDULE					
Time	Monday	Tuesday	Wednesday	Thursday	Friday
9	<i>Office hour</i>				<i>Office hour</i>
10		MTH 211	<i>Office hour</i>		
11	MTH 211		MTH 211		MTH 211
12					
1	MTH 345	MTH 345	MTH 345		MTH 345
2		<i>Office hour</i>			
3		<i>Meetings</i>			
4					

Please feel free to drop by my office during my office hours for help. You do not need to make an appointment to come to office hours. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

COURSE PREREQUISITE

Math 095 (with grade C- or better), appropriate placement on the Math Placement Exam or appropriate SAT or ACT scores.

REQUIRED COURSE MATERIALS (for the entire 211, 212, 213 series)

- Textbook: *Mathematics for Elementary Teachers: A Conceptual Approach*, 9th Edition, by Bennett, Burton, and Nelson
- Activity book: *Mathematics for Elementary Teachers: An Activity Approach*, 9th Edition, by Bennett, Burton and Nelson
- Manipulative Kit: *Mathematics for Elementary Teachers*, 9th Edition, by Bennett, Burton and Nelson
- Online Homework: Access to McGraw-Hill's *Connect* Online homework (this can be purchased with the book or separately) Our class website is:
http://connect.mcgraw-hill.com/class/mth211_spring12_beaver
- A scientific calculator with at least the capabilities of a T. I. – 83 is required for the 211-212-213 course series. A T. I. – 83 or 84 is highly recommended. Please see me if you are purchasing a new calculator.

CLASS WEB PAGE

There will be a link for the Math 211 webpage (where many course items will be posted) on my home page: <http://www.wou.edu/~beaverc> . In particular, the class webpage:

“Math 211: Assignments & Activities” will be linked to your Math 211 webpage and will include the class schedule, homework assignments and due dates.

COURSE STRUCTURE

All classes will be a mix of an interactive lecture, hands-on activities and problem solving sessions.

- Please bring your text and your manipulative kit to class every day.
- Please bring your activity book to class as noted on the class schedule & assignments webpage.

COURSE CONTENT

This course is designed for students planning to be elementary or middle school teachers. The work in this course will include learning and reviewing the mathematics you learned before and learning how students, particularly children, learn mathematics. For many activities and topics you will be exploring the material from the perspective of the students you will be later teaching. It is expected that you can do basic operations with numbers. Our goals for this class are that you should:

- Gain deeper and clearer understanding of basic mathematical concepts
- Gain deeper and clearer understanding of how children learn mathematics
- Experience problem solving and the use of the Oregon Scoring Guide
- Experience hands-on activities to facilitate the above goals
- Be expected to write about mathematics
- Be exposed to resources that help connect the concepts you are learning now to your future as teachers.

Specifically we will look at: Mathematical Problem Solving, Set Operations, Whole Number Properties and Algorithms and Integer operations.

ATTENDANCE / MISSED CLASS

Daily attendance is required for your success in this course. If you miss class, it is your responsibility to ask a classmate for notes on the material that you have missed. I will not have discussion notes available if you have missed class, nor will I repeat my discussion during office hours.

Exams can only be made up or taken in advance with a documented university sanctioned absence from class (choir, sports, etc.) or possibly for a serious documented emergency. Ordinary illness (such as a cold) or any non-university sanctioned absence from class does not count as a documented emergency, even if you have a note from a doctor.

YOUR STUDENT WOU EMAIL ACCOUNT

All official university and class business and announcements will be directed to your WOU student email account. If you do not regularly check this account, please log in to this account and FORWARD your WOU email to an account that you do regularly access.

READING THE TEXT

You will be expected to carefully and completely read each (assigned) section in your textbook. It is a good idea to briefly read the assigned section before class and then to carefully read the section before you start your homework. Most students find it very helpful to write out the examples in the text as well as to just read the examples. If you carefully write out the examples and work out all of the steps you will find that you have a deeper understanding of the material. Writing out the examples is also a successful technique for pinpointing exactly where you become confused on a problem that you do not understand. I encourage you to ask questions about the examples presented in the book. You may ask questions about the text both in class and during office hours.

HOMEWORK

There will be a variety of homework assignments given in this course. Assignments will be posted on your class assignments webpage. These assignments will be both written and online and assigned from your *Conceptual Approach* hard cover text, your *Activity Approach* text, and other sources. For written assignments, you are expected to neatly write or type these problems, use complete sentences, and clearly explain your thinking.

LATE POLICY

Online work is generally due by 11:59 pm on its due date. If you have not already submitted your online assignment by its due date it will be automatically submitted for you at the set due time. Unless otherwise noted, written work is due by 4:30 p.m. on its due date (at times work may be due at the beginning of class). Assignments and due dates are posted on the class website and are subject to change so check the website often. It is your responsibility to know when your assignments are due. **No late work will be accepted**; however, your lowest two homework scores will be dropped.

EXAMS AND THE FINAL EXAM

There will be two “midterm” exams and final exam in this course. The midterm exams will be cumulative but will emphasize the recently covered material. Check the course webpage for Exam dates. The final exam will be cumulative. If your grade on the final exam exceeds your lowest grade on one of the midterm exams, your lowest midterm exam grade will be replaced by your final exam grade.

The final exam will be offered at a group time on Monday of finals week. See your course webpage and the official final exam schedule for the exact date and time.

Makeup exams will only be available in the case of documented emergency or a documented university sanctioned absence from class (examples: student teaching in the education program, university representation in a music presentation, etc.). Prior notification and my agreement are required. My voice mail and email are always on; there is no excuse for not contacting me prior to missing an exam.

COURSE GRADING

<u>CLASS ITEM</u>	<u>COURSE PERCENT</u>
Homework	50%
Two 15% Midterm Exams	30%
Final Exam	20%
TOTAL PERCENT	100%

STANDARD GRADING SCALE FOR THIS COURSE

% Range	Grade	% Range	Grade	% Range	Grade
93 –100	A	80 – 82	B-	60 – 69	D
90 – 92	A-	77 – 79	C+	Below 60	F
87 – 89	B+	73 – 76	C		
83 – 86	B	70 – 72	C-		

CELL PHONE POLICY¹

- Turn them off (not even on vibrate) during class
- Put them away
- No texting during class
- Electronic item use during exams or quizzes will be treated as cheating and you will receive a zero score on that exam or quiz.

VETERANS AND ACTIVE MILITARY PERSONNEL with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.

APPROPRIATE CLASSROOM BEHAVIOR

You are ultimately responsible for your own attendance and performance. Disruptive classroom behavior of any kind, such as talking during lecture or consistently coming to class late etc., is not appropriate. Proscribed Conduct for all students is described in the University Catalog. In particular for this course any student found cheating on an exam or copying from another student's exam paper will receive a zero score on that exam.

LEARNING DISABILITIES

If you have a documented disability that requires academic accommodations or auxiliary aids at Western Oregon University, please contact the Office of Disability Services (ODS). ODS is located in the APSC, Room 405, Phone 503-838-8250 V/TTY or email at ODS@wou.edu.

INCOMPLETE POLICY

An Incomplete can only be granted for a student who is passing a class and has a documented emergency that prevents them from completing a very small portion of the course (e.g. the final exam).

¹ If you are in an emergency situation in which you need to have your cell phone on quiet; please speak to me about it before class.