MATH 211 SYLLABUS: FALL 2015
FOUNDATIONS OF ELEMENTARY MATHEMATICS I

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Office: MNB 133
Phone: 503-838-8977
Email: wieber@wou.edu

OFFICE HOURS & SCHEDULE

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<td>8</td>
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<td>MTH 211</td>
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<td>10</td>
<td>MTH 396</td>
<td>Office Hour MNB 133</td>
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<td>11</td>
<td>Office Hour MNB 133</td>
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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. 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)

- Online Textbook and homework will be assessed through *McGraw-Hill’s Connect* website. Click on the web-address to go to the website to register with an access code or credit card. Instructions for each form of registration are clearly given on the web page: [http://connect.mheducation.com/class/r-wiebe-fall-2015](http://connect.mheducation.com/class/r-wiebe-fall-2015)

If you need help with Connect: Visit: [www.mhhe.com/support](http://www.mhhe.com/support) or call: (800) 331-5094

Sunday - 12:00 pm - 11:00 pm  Monday - 8:00 am - 11:00 pm
Tuesday - 8:00 am - 11:00 pm  Wednesday - 8:00 am - 11:00 pm
Thursday - 8:00 am - 11:00 pm  Friday - 8:00 am - 6:00 pm
Saturday - 10:00 am - 4:00 pm
• A scientific calculator with at least the capabilities of a TI – 83 is required for the 211-213 course series. A TI – 83 or 84 is highly recommended. No TI-89, nor any calculator with a computer algebra system such as the TI-Nspire, is permissible for use in this course.

• A large 3 ring binder

CLASS WEB PAGE
There will be a link for the Math 211 webpage (where many course items will be posted) on my home page: www.wou.edu/~wieber

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

LEARNING OUTCOMES
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.

In specific we will look at:
• Mathematical Problem Solving
• Set Operations
• Whole Number Properties and Algorithms
• Integer operations.
• Fraction 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. Daily quizzes cannot be made up.

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.

READING THE ELECTRONIC 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.

COURSE NOTEBOOK
File all of your course materials in your course notebook. For your notebook please use a large 3 ring binder divided into at least the following, clearly labeled, sections. You will need a well-organized notebook while studying for class exams.

1. Course Paperwork (syllabus, schedule notes, etc.)
2. Class Notes and Activities
3. Homework (you may wish to divide this in several sections)
4. Problems of the Week
5. Exams

TIME SPENT ON MATH 211 OUTSIDE OF CLASS
It is a standard academic rule of thumb to spend two to three hours out of class for every hour in class while studying mathematics or science. This is a 200 level mathematics course and the expectation is that you will spend 8 to 12 hours per week outside of class studying and working on the content of Math 211. Set up a regular schedule for yourself and stick with it. Success in mathematics is often directly linked to effort and regular practice.

Completing your homework in a timely fashion will be integral to your success in this course. I suggest you set up a homework and reading schedule for yourself and follow it carefully. You will find that if you do not do all of your homework, you will not succeed in learning the material covered in this course.
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 include but not be limited to the following.

<table>
<thead>
<tr>
<th>Assignment Source</th>
<th>Assessment Method</th>
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<tbody>
<tr>
<td>Connect</td>
<td>Computer Graded</td>
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<tr>
<td>Conceptual Approach Quiz Prep</td>
<td>Homework Quiz</td>
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<tr>
<td>Activity Approach Written Exercises</td>
<td>Direct grading</td>
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<tr>
<td>Problems of the Week</td>
<td>Direct grading</td>
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<tr>
<td>K – 8 Book Reviews</td>
<td>Direct grading</td>
</tr>
<tr>
<td>Exit Quizzes</td>
<td>Student Grading</td>
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Connect Online Homework Questions
These are assigned corresponding to your Conceptual Approach hard cover text. See your course schedule for Connect assignments and due dates. These questions are graded by the computer. You will have multiple attempts at each question. Only the highest percentage will be counted.
✓ Online Connect Homework is due at 11:59 p.m. on the due date

Homework Quizzes (Text)
Some Conceptual Approach Exercises and Problems will be assigned as “Quiz Prep” homework. See your course schedule for Quiz Prep assignments. You will not be allowed a calculator, manipulatives, or notes (unless specified). You are expected to master the material listed under “Quiz Prep.”
✓ Your homework quizzes will start promptly at the beginning of the class.
✓ Your lowest Homework Quiz score will be dropped.

Exit Quizzes
At the end of many classes, there will be a brief “understanding” quiz. These quizzes will be unannounced.
✓ Exit Quizzes are done at the end of class
Turn In Homework Assignments (*Activity Book Written Exercises and Activities, Problems of the Week, Book Reviews*)
Some homework will be assigned to be turned in. See your course schedule for specific directions and due dates. For these problems, you are expected to do your best possible work. Be as neat and clear as possible and always explain your work for full credit. Special assessment criteria, if any, will be announced in class and linked to your course webpage.
✓ Your lowest two written homework scores will be dropped.
✓ Turn In Homework is due at the beginning of class

**Activity Book Written Exercises**
After each *Activity Book* section completed in class, a set of written exercises from the end of each section will be assigned as homework.
✓ *Activity Book* Written Exercises are due at the beginning of class

**Problems of the Week**
As we begin our path as teachers we will begin to focus on problem solving skills. Four times this term, you will be assigned special problems to help you focus on your problem solving skills. Detailed instructions will be provided.
✓ Problems of the Week are due at the beginning of class

**K – 8 State Adopted Text Review**
During the term you will be asked to go to the Hamersley Library, find and review a few state-adopted K – 8 Mathematics textbooks. Detailed instructions will be provided.
✓ Text Review is due at the beginning of class

**LATE POLICY**
- Connect assignments will not be accepted late.
- Late *Turn In Homework* (*Activity Book Written Exercises and Activities, Problems of the Week, Text Reviews, etc.*) will not be accepted unless you have
  o a documented emergency filed with the Student Affairs office and my agreement, or
  o a documented University Sanctioned Absence from class which you have reviewed with me, and devised a plan for, in advance of the absence.
- Your lowest two written (non-Connect) 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. The final exam will be cumulative.

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.

GETTING HELP
Professor office hours are a great source of help; please feel free to drop by!

Free Tutoring: There is free Math 211 tutoring in the Math Tutoring Center (HL 228). See www.wou.edu/math/tutor for specific 211-212-213 tutoring hours. Other tutors in the tutor center may also be able to help you with Math 211, but it is not guaranteed. You may find the tutoring center is a great place to sit and work, even if you don’t have questions. If the center is busy, you may find nice areas to sit and study near the center (library, second floor) and then you can check in with the center tutors if you need help.

WOU STUDENT SUCCESS SPECIALIST
If the instructor determines your performance in this class is placing you at academic risk, You may be referred to Jesse Poole, Western’s Student Success Specialist. Jesse will offer to work with you to address issues and develop a student success strategy. Regardless of whether a referral has or has not been made, you are ultimately responsible for tracking your own progress in this course. If you would like to meet with Jesse regarding any academic struggles you are experiencing, please contact the Academic Advising and Learning Center at 503-838-8428.

COURSE GRADING

<table>
<thead>
<tr>
<th>CLASS ITEM</th>
<th>COURSE PERCENT</th>
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<tbody>
<tr>
<td>Connect Homework</td>
<td>10%</td>
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<tr>
<td>Turn-In Homework</td>
<td>15%</td>
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<tr>
<td>Homework Quizzes</td>
<td>15%</td>
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<tr>
<td>Two 20% Midterm Exams</td>
<td>40%</td>
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<tr>
<td>Final Exam</td>
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STANDARD GRADING SCALE FOR THIS COURSE

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<th>% Range</th>
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<tbody>
<tr>
<td>93 – 100</td>
<td>A</td>
<td>80 – 82</td>
<td>B-</td>
<td>60 – 69</td>
<td>D</td>
</tr>
<tr>
<td>90 – 92</td>
<td>A-</td>
<td>77 – 79</td>
<td>C+</td>
<td>Below 60</td>
<td>F</td>
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<tr>
<td>87 – 89</td>
<td>B+</td>
<td>73 – 76</td>
<td>C</td>
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<tr>
<td>83 – 86</td>
<td>B</td>
<td>70 – 72</td>
<td>C-</td>
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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.

CELL PHONE POLICY
- Turn them off (not even on vibrate) during class
- Put them away—cell phones found out in class will be placed on the front table for the rest of the class.
- 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. For further information on policies regarding academic dishonesty, see the Student Code of Responsibility which can be found at the Office of Student Affairs or in the Oregon Administrative Rules (OAR 574-031-0030).

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 and a report of this activity will be sent to the Student Affairs office.

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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.
LEARNING DISABILITIES
If you have a documented learning disability, please talk to me during the first few days of class, I will be more than happy to accommodate you. If you have a documented disability which requires any academic accommodations, you must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can drop by APSC 405 or contact ODS at (503) 838-8250 (V,TTY) to schedule an appointment.

To set up an *Accommodations Contract*, please come to my office to log into your personal AIM account and set up the contract.

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).