

MATH 212 SYLLABUS: WINTER 2020
FOUNDATIONS OF ELEMENTARY MATHEMATICS II
T & R 5:00-6:50pm – MNB 103
(CRN 21268)

Instructor: Kait Hodgin
Office: MNB 132

Phone: 503-838-8457
Email: hodgink@wou.edu

OFFICE HOURS

- Face-to-face: Tuesday & Thursday 4:15-5pm
 - Drop by during my face-to-face hours for help; no appointment needed.
- Remind: Text 81010 with this message "@hodgin212w20" to join. Remind is an app that uses texting without exchanging phone numbers to send messages. Remind allows me to send whole class announcements but also message directly with individual students for question questions.
- At times other than my listed office hours, you are welcome and encouraged to email me/message me on remind with questions about the course. If you have direct scheduling conflicts with my office hours and would like further help, please let me know.

PREREQUISITES • Math 211 (with grade C- or better)

REQUIRED COURSE MATERIALS

- Textbook, Mathematics for Elementary Teachers: A Conceptual Approach, 10th Edition, Bennett, Burton, Nelson and Ediger EBOOK or HARDCOPY
- Activity book, Mathematics for Elementary Teachers: An Activity Approach, 10th Edition, Bennett, Burton, Nelson and Ediger HARDCOPY REQUIRED
- Manipulative Kit, Mathematics for Elementary Teachers, 10th Edition
- Connect online homework access--Use the URL linked to your class Moodle page (account continues from MTH 211).
- **Recommended but not required:** A scientific calculator with at least the capabilities of a T. I. – 83 is required for MTH 212. You may use an app during regular course work, but not on exams. A few graphing calculators are available at the Mathematics Office for check out during exams, but class sets are unavailable. You may also rent a graphing calculator at the WOU bookstore.

COURSE MOODLE PAGE & YOUR STUDENT WOU GMAIL ACCOUNT

- See your course Moodle page (moodle.wou.edu) to access the course calendar, Connect link, quizzes and general information.
- Moodle uses your WOU student email account. Plan to check your student email account daily. Also, all official university and class business and announcements will be directed to your WOU student email account.

COURSE STRUCTURE

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

- Please bring your personal manipulative kit to class every day.
- Please bring your text (e-access or had copy) or activity book to class as noted on the class schedule & calendar.

COURSE GOALS

This course is 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.

- Students will provide accurate explanations of information presented in mathematical forms
- Students will convert relevant information into various mathematical forms
- Students will be able to express quantitative evidence in support of an argument or purpose of the work
- Students will understand decimal models, operations and number properties, data analysis, probability and statistics and basic algebra

- Completing both MTH 211 and MTH 212 satisfies the General Education Foundations-Mathematics category and addresses the WOU General Education Learning Outcome “Intellectual foundations and breadth of exposure: Put into practice different and varied forms of knowledge, inquiry, and expression that frame academic and applied learning.”

ATTENDANCE

- 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.

COURSE ASSIGNMENTS

TEXT READINGS & READING QUIZZES

- PowerPoint readings/lectures, short follow up Reading Quizzes and materials to prepare for class are posted on your course Moodle page. Each text section will have an assignment like this. See your course Moodle page for details.
 - **LATE POLICY:** Moodle Reading Quizzes will close before class on their due date. If you don't do the quiz, you will not be able to make it up.
 - **DROP POLICY:** Your lowest quiz score will be dropped.

MOODLE TRY IT POSTS

- For each section, you will have an assigned problem to solve and post your solution on Moodle from the Try Its in the Conceptual Approach textbook/Section PowerPoints. This is to ensure that you have attempted the different types of problems in the section prior to our in-class meetings when we will use the Try Its as Lecture Questions to discuss problem solving strategies for each section's content. These posts will be graded and included in your written homework portion of this course.
- Solution posts are due on Moodle at midnight (11:59 p.m. on Moodle). This is so students in each group can review their team's solutions prior to our class.
- After class, you will be given the opportunity to go back and correct/revise your post for credit. Revisions will be due at midnight (11:59 p.m. on Moodle) the following day, specific dates will be posted. Original assignments that are submitted that don't meet expectations will not qualify for full credit when revised.
 - **LATE POLICY:** Moodle Try It solutions posted prior to class but after midnight will automatically have 25% of your grade for the post deducted. Moodle Try It solutions posted after class will not be accepted for a grade.
 - **DROP POLICY:** Your lowest Moodle Try It post score will be dropped.

CONNECT HOMEWORK

- This course uses the Connect online platform for basic homework practice. See your course Moodle page for a link to Connect and the left information menu on your course Moodle page for Connect help information. If you have a Connect account from MTH 211, you can use your same username and password used in MTH 211.
- If you don't have a Connect account, you can sign up for a free trial of Connect before you have your book and access code in hand.
- Connect scores your homework directly, and your scores will be transferred to Moodle by your professor.
- Connect homework is due at midnight (11:59 p.m. in Connect) unless otherwise noted on the course calendar/Moodle page.
 - **LATE POLICY:** Connect assignments begun before the due date/time will be allowed to be worked on after the due date. Connect will automatically deduct 20% per day from your score for late Connect homework.
 - **DROP POLICY:** No dropped scores, all Connect homework scores are included in your course grade.

WRITTEN HOMEWORK

- For each section, you will have written homework with five questions to complete, write up and turn in at the beginning of class on the due date. Written Homework assignments turned in after the first five minutes of class will not be accepted. Details (assignments and assessment criteria) will be posted on your course Moodle page. Assignments will come from both of your course textbooks—the hardcover Conceptual Approach (Connect ebook) and the softcover Activity Approach. Please make sure you ask homework questions during office hours or at the Math Center prior to the due date. Homework questions will not be answered in class on the due date prior to homework being turned in.
- **LATE POLICY:** Late Written Homework will not be accepted unless you have
 - i) a documented emergency filed with the Student Affairs office (see wou.edu/advising/student-absence-notification-request-form/), or
 - ii) a documented University Sanctioned Absence from class which you have reviewed with me, and devised a plan for, in advance of the absence.

SKILLS TEST

- You are required to pass a proctored MTH 212 Skills Test.
- You must answer 24 of 30 questions correctly in 45 minutes.
- YOU MAY NOT USE A CALCULATOR on the MTH 212 Skills Test.
- There is one in-class opportunity to take the MTH 212 Skills Test, on Tuesday, week 2 (see your 212 calendar). If you pass the test during the first offering, you will earn 10 extra credit points.
- Subsequent offerings of the skills test are available during the group Skills Tests times. See wou.edu/math/skills-test-times/ for details (also linked to your left Moodle menu). You may take the skills test each time it is offered week 2 through week 10.
- If you pass the test after the initial class offering but before the end of the fourth week of the term you will receive 5 extra credit points.
- **Deadline:** You are required to pass the MTH 212 Skills Test by the end of dead week (week 10 of classes) in order to pass MTH 212.

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.
 - **MAKE UP POLICY:** Early or late exams will not be available unless you have
 - i) a documented emergency filed with the Student Affairs office (see wou.edu/advising/student-absence-notification-request-form/) or
 - ii) a documented University Sanctioned Absence from class which you have reviewed with me, and devised a plan for, in advance of the absence.

ASSESSMENT COMPONENT COURSE PERCENTS

- Reading Quizzes 5%
- Connect Online Homework 15%
- Written Homework & Moodle Try It Posts 15%
- Exam 1 and Exam 2 40%
- Final Exam 25%
- Pass Math 212 Skills Test REQUIRED

STANDARD GRADING SCALE (total % for the course, usual rounding rules apply)

% 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-		

GETTING HELP

OFFICE HOURS

- Professor office hours are a great source of help; please feel free to drop by!
- As I am not always on campus, please feel free to email me if any questions arise or if you need help. I check my email daily and will typically respond within 24 hours. You can also message me on Remind if you have a quick question that you need answered.

FREE TUTORING—MATH CENTER

- There is free Math 212 tutoring in the Math Center (HL 228, wou.edu/mathcenter). See the website for specific 211-212-213 tutoring hours. Other tutors may also be able to help you with Math 212, but it is not guaranteed. You may find the Math Center is a great place to sit and work, even if you don't have questions.

WOLF CONNECTION SYSTEM/STUDENT SUCCESS CONCERNS:

- If your faculty member at any point in the term is concerned about your academic progress and ability to succeed in the course, they may make a referral to Student Success and Advising through the Wolf Connection System (WCS). If a referral is created, an Academic Success Advisor from SSA will connect with you via email or telephone to discuss challenges you may be facing and your plan to overcome those obstacles and achieve success. This referral process is in place as a way to support you in this class and not a punishment. Anytime you want to discuss strategies for academic success, you may schedule an appointment with an Academic Success Advisor by calling 503-838-8428, emailing student success@wou.edu, or online by logging into the Portal, selecting WCS and selecting Get Advising.

TIME SPENT ON MATH 212 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 212. Set up a regular schedule for yourself and stick with it. Success in mathematics is often directly linked to effort and regular practice. **In addition, this is a hybrid course so expect to spend one additional hour a week on online assignments.**

ELECTRONICS POLICY

- Electronic items such as cell phones, smart watches, laptops, iPads, iPods and e-book readers should not distract you or your classmates during class. If you are distracting yourself or others, in any way, with an electronic item in class, you will be asked to step into the hall until you are done with the item. Unauthorized electronic items used on exams or quizzes will result in a score of 0 on that entire exam or quiz.

FOOD AND BEVERAGES IN THE CLASSROOM

- You are welcome to have unobtrusive snacks in the classroom that leave you entirely free to fully participate in the class. You are welcome to have beverages in the classroom.

VETERANS AND ACTIVE MILITARY PERSONNEL

- If you have special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor. For WOU Veteran resources; please see wou.edu/veterans/.

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/STUDENT HEALTH

- If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Services, APSC 405, or at 503-838-8250, as early as possible in the term.
- Students needing medical or mental health care can access the Student Health and Counseling Center by calling (503) 838--8313, emailing health@wou.edu, or by walking in to schedule an appointment.

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 the course.