

## Algebraic Foundations - Fall 2020

CRN: 11658 4 credits

# Math 101

**Hybrid Design/Time:** Zoom meetings, T/R: 12:00 – 1:50 pm; plus one hour Online-Individual  
(Zoom meetings are required attendance, just as if they were an in-person class)

**Instructor:** Brenda Bradley

**Phone:** 503-838-8836

**Office:** currently working from home

**Pronouns:** She/her/hers

**Webpage:** <http://www.wou.edu/math/people/bradley>

**Email:** [bradleybn@wou.edu](mailto:bradleybn@wou.edu) I will respond to student emails from wou.edu addresses only. Please include the class name, Math 101, in the subject of your email

Zoom Links: [Class Zoom Link](#) (password on Moodle page) [Office Hours Zoom Link](#) (for drop in office hours)

Instructor's Schedule: "Drop-in" Office hours are listed below. You can also make an appointment to meet with your instructor at an agreed upon time.

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 am	Office hours 9:00 – 9:50 am		Office hours 9:00 – 9:50 am		
10:00 am	MTH 111 10:00-11:20 am	Office hours 10:00 – 11:00 am	MTH 111 10:00-11:20 am	Office hours 10:00 – 11:00 am	Office hours 10:00 – 11:00 am
11:00 am					
12:00 pm	MTH 111 12:00-1:20 pm	MTH 101 12:00 – 1:50 pm	MTH 111 12:00-1:20 pm	MTH 101 12:00 – 1:50 pm	MTH 396 12:00 – 1:50 pm
1:00 pm					
2:00 pm					

### Course Details:

**Prerequisites:** None

#### Course Description:

Basics of algebra; topics include equation solving, evaluation and simplification of algebraic expressions, graphing, problem solving and modeling. Focus will be on linear, quadratic, polynomial and radical functions. This course serves as a pre-req for Math 111, Math 211 and Math 243, and does not count towards General Education Credits.

#### Course Goals:

1. Students will provide accurate explanations of information presented in mathematical forms.
2. Students will convert relevant information into various mathematical forms.
3. Students will draw reasonable and appropriately qualified conclusions from quantitative analysis of data.
4. Students will understand and use linear systems and inequalities, linear, quadratic, and radical families of functions, and develop modeling with these functions.

### Course Structure for Fall 2020

#### Hybrid Remote Structure:

- We meet online (through Zoom) twice weekly, approximately 2 hours each day (hereafter known as "class").
- One hour of hybrid asynchronous work (on your own) is done electronically via the class Moodle page, Edfinity page and worksheets.
- Use Moodle (moodle.wou.edu) to access Algebraic Foundations class page.

## Materials Needed:

**Textbook:** *ORCCA*, a free ebook will be available on our Moodle class page

**Edfinity:** You will need to purchase an Edfinity account for this course, directly through Edfinity. Instructions are on our Moodle page. Cost is about \$17.00 for a 5-month account. For Edfinity support, contact by email: [customer.support@edfinity.com](mailto:customer.support@edfinity.com).

**High-Speed Internet Access:** see <https://wou.edu/provost/keep-learning/> for help, and/or WOU Library to check out possible Wi-fi HotSpots

**Access to a scanner or camera:** to take pictures of work and upload to Moodle

**Webcam** for class meetings, quizzes, and exams (if needed, may be available through [WOU Library](#))

**Calculator/Other:** Graph paper. There may be homework problems assigned in which a scientific and/or graphing calculator may be necessary; you may use an online calculator such as [desmos.com](https://www.desmos.com).

## Assignments:

*The amount of time you spend on homework will directly affect how much you learn, your exam scores and, therefore, your grade in the class.*

- **Daily Class Work/Participation** – Students will submit work done during class for participation points once or twice a week, as instructed. Submitted work will be evaluated for levels of understanding to guide instruction. Work may be done on Google Jamboards or on paper, as instructed. Work should be submitted immediately after class, or as instructed.

**Late Work** – will not generally be accepted, unless approved by instructor, through email.

- **Journal Notes** – Since this is a hybrid course, part of the instruction will be “on your own”. This will include watching videos of instruction, or reading text materials. To earn credit for this, you will have periodic journal assignments, where you can submit written or video work for credit. More details will be on the class Moodle page.

**Late Work** - will receive a 20% grade reduction penalty and is due no later than one class day after the original due date, by 11:59 pm. Late work will only earn completeness points.

- **Written Homework** – assigned weekly on Moodle, includes textbook problems and worksheets. Due dates: see Lecture/Test schedule for exact dates (mostly on Fridays) You must show the steps of your work for credit to demonstrate your understanding and follow the format as shown on the Moodle page. Grades are based on completeness points (did you do all the problems?) and accuracy points (select questions). Your lowest homework grade will be dropped.

**Late Work** - will receive a 20% grade reduction penalty and is due no later than one class day after the original due date, by 11:59 pm. Late work will only earn completeness points.

- **Online Edfinity work** – There will be two types of Edfinity Homework – pre-assignments and post-assignments. Students who do all the online assignments, on time, consistently earn better grades (and understanding of material). Due dates/times: see Lecture/Test schedule for due dates, all are due at 11:59 pm. Your lowest 2 assignment grades will be dropped.

**Late Work** – Pre-assignments cannot be turned in late. Post-assignments will be marked down 20% each day late (marked at midnight)

- **Post 101 Project** – During the last weeks of the term, students will complete a project based on their individual choice of a math course after passing Math 101. More details will be given on Moodle.

**Extra Credit:** Extra credit can be earned according to the [Extra Credit chart](#) and will be added to your total course score up to 2%. Extra credit includes: attending Math Center tutor sessions, perfect attendance (no absences), meetings with instructor and other activities as outlined in the Extra Credit section of the Moodle page. All extra credit must be turned in by 2 pm on Friday of Week 10. *Extra Credit posted on Moodle.*

## Quizzes, Midterms and Final, Oh My!

**Quizzes:** There will be several short, written quizzes during the term to check for understanding. Quizzes cannot be made up, if missed, however, the lowest quiz score will be dropped. Work must be shown for full credit.

**Midterm Exams.** There will be one midterm exam, (probably during week 6), administered on Edfinity. Students will also submit the written work related to the exam. If you have a medical/family emergency and are unable to take the exam, you must contact the instructor prior to the exam starting and contact and register the absence with Student Success. Make-up exams are at the discretion of the instructor.

**Final Exam:** The final exam will be administered on Edfinity, with written work to be submitted also. The final exam will be comprehensive, covering all of the material for the course.

**Grading Structure:** Your grade for this course will be based on the following weighted percentages.

Participation	10%
Edfinity Preassign.	5%
Edfinity Post-HW	10%
Journal/Notes	5%
Written HW	15%
Project	15%
Quizzes	10%
Midterm	15%
Final	15%

Grades

Final grades will be determined using the following scale. Percentages are calculated out of the total points possible.

A	93 – 100%	C	73 – 76.9%
A-	90.0 – 92.9%	C-	70 – 72.9%
B+	87 – 89.9%	D+	67 – 69.9%
B	83 – 86.9%	D	63 – 66.9%
B-	80 – 82.9%	D-	60 – 62.9%
C+	77 – 79.9%	F	0 – 59.9%

If you want me to reconsider a grade you've been given for an assignment, you must submit your rationale in writing within one week of receiving the assignment back with the grade. Your request should identify the specific change requested and provide a reasoned argument and evidence in support of the change. You must deliver your request for grade change to me in a Zoom meeting, during my office hours.

### **Attendance and Participation:**

Students will be actively involved in the learning process for this course, learning from ideas of other students, as well as from the instructor during class and small group discussions. Through written and verbal communication students will learn to thoughtfully develop ideas and strengthen their understanding of mathematical concepts. Students will be encouraged to explain processes and justify their answers. Roll will be taken at every class meeting. Students are responsible for any material that they miss due to absences.

Most, if not all, class sessions will include an "Daily Class" assignment to check for understanding. See the Assignments Section of the syllabus for more information.

In the case of an unplanned, extenuating circumstance (e.g. physical/mental health matters, death of a loved one, legal obligations/jury duty, etc.) that will keep you from attending class, you may submit a student absence

notification request form at: <https://wou.edu/advising/absence/>. This form allows the Student Success and Advising office to relay the information regarding your absence to faculty members in a timely manner. The notification sent to your faculty will serve as a courtesy notice and does not excuse your absence. It will still be your responsibility to communicate with your faculty members to discuss any work missed during your absence. Information submitted through the Student Absence Notification System must be truthful in accordance with the Student Code of Responsibility.

**Incompletes:** Incompletes are given at your instructor's discretion, where the student has a documented emergency that prevents them from completing the course on time. To receive an incomplete, you must have completed all work satisfactorily (with a grade of C or better) and have only to complete a very small percent of work, such as taking the Final Exam. You must also discuss your situation with the instructor prior to the date of the final exam and receive departmental approval. Consideration is given to the students' timeliness, i.e. work is turned in on schedule and throughout the term the student is spending enough time in class to show significant effort toward completion of the course. You may have an incomplete removed from your record upon completing course requirements. For more detail on the university incomplete policy see "Undergraduate grades and grading standards" in the academic catalog.

**Accommodations:** WOU values diversity and inclusion; we are committed to fostering full participation for all students. Please notify your instructor if there are aspects of the instruction or design resulting in barriers to your participation. Disability related accommodations are determined through the Office of Disability Services (ODS). If you, as a student, believe you may be eligible for disability related accommodations please contact ODS, they would be happy to work with you. ODS notifies students and faculty members of approved academic accommodations and coordinates implementation of accommodations.

Academic Programs Services Center (APSC) 405

503-838-8250 (voice)

<https://wou.edu/disabilityservices/ods@wou.edu>

**Veterans and Military Service Personnel:** Veterans and Military Service Personnel (active duty, guard, or reserve) with special circumstances are welcome and encouraged to communicate these, in advance if possible, to the instructor.

**Academic Honesty:** Academic honesty is an indispensable value as students acquire knowledge and develop skills in college. Students are expected to practice academic honesty by not cheating, plagiarizing, or misrepresenting their coursework in any way. Students are ultimately responsible for understanding and avoiding academic dishonesty whether such incidences are intentional or unintentional. Violations may result in failure of an assignment or failure of the course. Plagiarism, collusion, and other forms of misrepresentation hurt the student and run counter to the goals of education. In addition, the University addresses academic integrity in their Code of Student Responsibility: <http://www.wou.edu/studentconduct/files/2015/10/CSR-2015-161.pdf>

**If you have concerns about any aspect of this class, please talk to me as soon as possible. I want you to be successful, and I encourage you to share your ideas with me about how we can make our class better.**

### **Expectations and Tips for Success:**

- **Stay on Schedule** – Expect to spend 15 to 20 hours each week on this class (which includes our Zoom times). We have things to do almost every day. Keeping up with the work is critical to your understanding. If you fall too far behind, it is very difficult to catch up! See the Tutoring Center's [Study Skills Tutors](#) for help with time management.
- **Take good Notes** – There are many different ways to manage note-taking. If this is a weak area for you, there is free tutoring designed to help you with this very important skill. See the Tutoring Center's [Study Skills Tutors](#) for help with Note-taking.
- **Come to Class** - attend class regularly, participate appropriately, stay for the entire class time, and take appropriate notes. (*Get notes from classmate if you miss class.*)
- **Do your Homework** - do some reading and practice problems every day. Don't leave it to do all in one day. Get help from the Math Center Tutors.
- **Study for Tests** – look over notes, homework, study guides, join a study group with classmates.
- **Ask for help!!** - Help is available in the tutoring center and from classmates or make an appointment to meet with your instructor.
- Be fair and respectful of other students and the learning environment.

If you have concerns about any aspect of this class, please talk to me as soon as possible. I want you to be successful, and I encourage you to share your ideas with me about how we can make our class better.

### **Student Services and Resources      {Where to find some other help}**

- Free Math tutoring help is available online with the WOU [Math Center](#), <http://wou.edu/mathcenter>
- [Study Skills Tutors](#) at WOU are free and can help with time management, text anxiety and note-taking
- Online resources:
  - Purple Math: <https://www.purplemath.com/>
  - Khan Academy: <https://www.khanacademy.org/>
  - Math TV: [www.mathtv.com](http://www.mathtv.com),
  - Paul's Online Math Notes: <http://tutorial.math.lamar.edu/>
  - Your Instructor is always available during office hours, or make an appointment!

### **Student Success Concerns:**

If the instructor determines your performance in this class is placing you at academic risk, you may be referred to a member of the Student Success Team. A student success specialist 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 a student success specialist regarding any academic struggles you are experiencing, please contact the [Academic Advising and Learning Center](#) at 503-838-8428 or email them at [studentsuccess@wou.edu](mailto:studentsuccess@wou.edu).

### **Student Absence Notification:**

If for some reason you are absent due to an extenuating circumstance or medical situation, the instructor may ask you to report the incident through official channels before making exceptions to missed or late work. For more information on how to submit a [Student Absence Notification Request](#), please contact the Academic Advising and Learning Center at 503-838-8428 or email them at [studentsuccess@wou.edu](mailto:studentsuccess@wou.edu).