

## **Course Syllabus: MATH 210S – Structure and Concepts in Mathematics I Support**

**MATH 210S-58797**

**Instructor:** Mr. Steven Zook

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**Office:** FEM 4A

**Reedley College**

**Fall 2019**

**Office Hours:** MTWF 11am – 12pm

W 9am-10am

**Meeting Room:** CCI 206

**Meeting Days:** T

**Meeting Time:** 10:00 am – 10:50 am

**Course Description:** Structures and Concepts in Mathematics I Support is for students concurrently enrolled in Math 10A. In this class, students will review arithmetic and develop quantitative reasoning and other study skills that promote success in Math 10A.

**Course Corequisite:** MATH 10A

**Course Advisories:** Eligibility for ENGL 125 and 126

### **Student Learning Outcomes:**

*Upon completion of this course, students will be able to:*

1. Understand the base ten number system.
2. Perform arithmetic operations on fractions.
3. Distinguish between rational and irrational numbers.
4. Identify six basic study skills.

### **Objectives:**

*In the process of completing this course, students will:*

1. Perform calculations using standard algorithms for addition, subtraction, multiplication, and division.
2. Calculate least common multiples and greatest common divisors.
3. Perform arithmetic operations on rational numbers.
4. Convert between fractions, decimals and percents.
5. Study Skills
  - A. Improving your note taking
  - B. Improving your memory
  - C. Effective listening skills
  - D. Using effective time management to optimize your studying
  - E. Coping with test anxiety
  - F. Finding a good study location
  - G. Using studying groups
  - H. A guide for studying math
  - I. Solving math word problems
  - J. Setting and achieving goal

**Required Text:** There is no text is required for this course.

**Office Hours:** I will be holding regular office hours. I want to be available to you if you need assistance outside of class. Please visit me during the scheduled times for drop-in questions. You may come unannounced during those times. If the scheduled office hours do not suit your schedule, you may arrange a time to meet me in my office. Please don't hesitate to take advantage of these since I want you to succeed – it's what I am here for.

**Attendance:** As a student, you are expected to attend all classes for the entire period. Please be on time and ready to start when class is scheduled to begin. I ask this out of respect for your classmates and me. **Three (3) absences** may result in a drop from the course. **Since this course is a requirement for completing MATH 10A, you run the risk of being dropped from the MATH 10A as well if you do not attend the support course.**

**Classroom Behavior:** Please take care of any personal responsibilities and needs before entering the classroom. Please **TURN OFF your phones** when entering the class. They should be **off for the duration** of the class period. If you use your phone in class, you may be asked to leave class. While you are in class, I expect you to participate and pay attention. You may not work on the homework in class or prepare for a different class. Please notify me in advance if you plan on bringing a guest to class. You are allowed to use a **scientific calculator**, but not a graphing calculator for this class. Also, you may not use your phone as a calculator.

**Drop Deadline:** Friday, October 11. **This is a support course for MATH 10A. If you drop this course, you will automatically be dropped from MATH 10A as well and vice-versa.**

**Assignments & Exams:**

There will be weekly assignments that you will be complete in class or outside of class, depending on the type of assignment. Most computational assignments will be given in class and most personal reflection assignments will be assigned as homework.

**Assignment Categories and Weighting**

<i>Assignment</i>	<i>Points</i>
Computational Assignments	90
Skills Assignments	90
<b>Total</b>	<b>180</b>

**Final Grades (Pass/No-pass)**

<i>Grade</i>	<i>Points</i>
P	126-180
NP	0-125

**SPECIAL NEEDS REQUESTS:** If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**Please refer to the RC Catalog for the Policies on Academic Dishonesty, Cheating, and Plagiarism, pp. 48-49.**