

Math 210: Pre-Algebra

Summer 2016

Instructor: Jody Ryker

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Office Hours: By appointment only

Text: <http://mathrev.redwoods.edu/PreAlgText/Prealgebra.pdf>

Prerequisites: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273 (advised)

Student Learning Outcomes

- Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.
- Demonstrate and apply the knowledge and skills required to select the correct introductory formulas, procedures, and concepts from algebra and geometry and use them to solve problems.

Topics: Sampling methods; measures of center and spread; graphing data; linear regression; rules of theoretical probability; random variables and probability density functions; normal, binomial, poisson, and geometric distributions; confidence intervals, hypothesis testing

Grading

Midterm 1	15%
Midterm 2	15%
Final: Cumulative	30%
Project	20%
Homework	10%
Activities/Attendance	10%
A+	97.1%-100%
A	93%-96.9%
A-	90%-92.9%
B+	87.1%-89.9%
B	83%-86.9%
B-	80%-82.9%
C+	77.1-79.9%
C	70%-77%
D	60-69.9%
F	0-59.9%

Make Up Tests/Quizzes

There will be no make up tests except in emergency situations. If you have an emergency, you must provide documentation and the make-up test must be taken as soon as possible.

Homework

Homework will be assigned every week. It will be due one week after it is assigned. If the due date is a holiday, then it will be due at the next class meeting after the holiday.

Each assignment is worth 10 points and will be graded for completeness. If you simply put an answer without justification or work, that question will be graded as if it were not answered.

Late homework will be graded for half credit. If you are struggling to finish your homework on time, please let me know. Feel free to email me homework questions any time.

You are expected to turn in every assignment. The homework will prepare you for exams, and some exam question will be the same or nearly the same as homework questions.

Expectations

You are expected to attend all class meetings. Participation in this course is very important to achieving understanding of the material. Every class meeting will include an activity, and participating in the activity will affect your grade.

Please do not use a cellphone while in the classroom. If you must take a phone call, please step outside. If you are using your phone or another device, not only are you not participating in class, but you are distracting others around you.

Please come to class prepared. Plan on bringing your book, paper, and a pencil to each meeting. You should also read the section to be discussed before each meeting.

Please be respectful to all others in the classroom. If you are inhibiting someone's ability to learn, you will be asked to leave.

Academic Integrity

All written homework assignments, projects, and tests must be completed by you. If you cannot solve a problem, please ask me for help. If you copy a solution from somewhere else, you will receive no credit for that assignment. If you plagiarise or have someone else complete your project summary, you will receive an F in this course and you will be reported to the division dean and dean of students.

Attendance

If you one or more class meetings during the first week, you may be dropped from this course. Since this is an accelerated course, you are expected to attend every class. If you miss four days, your grade may be lowered by one letter grade.

Calculators

Calculators are not allowed in class or during tests.

Schedule (tentative)

6/27 1.1-1.2	6/28 1.2--1.3	6/29 1.4-1.7	6/30 2.1-2.3
7/4 No class	7/5 2.4-2.5 HW 1 due	7/6 2.6-3.1	7/7 Midterm 1
7/11 3.2-3.4 HW 2 due	7/12 3.5-3.6	7/13 4.1-4.3	7/14 4.4-4.6
7/18 4.7-4.8 HW 3 due	7/19 5.1-5.2	7/20 5.3-5.4	7/21 Midterm 2
7/25 5.5-5.6 HW 4 due	7/26 5.7-5.8	7/27 6.1-6.2	7/28 6.3-6.5
8/1 7.1-7.2 HW 5 due	8/2 7.3-7.4	8/3 7.5 & Review	8/4 Final Exam Project summary due

Resources

MSTRC: Math tutoring, S43

Private Tutoring: Recommendations available upon request

If you need special accommodations due to a disability, please let me know. You may contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) to request support or accommodations for your disability.