

Syllabus for Math 20, Scientific and Technical Calculations

Reedley College, Fall 1999
Instructor: Mrs. Jodi Kawagoe

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Class times: TR 9:30 am - 10:45 am in PHY-75
This is a six-week class meeting 8/17 to 9/23.

Text: Math Survival Guide by Jeffrey R. Appling

Calculator: A scientific calculator with exponential notation and logarithms is required.
If you have any questions, please contact the instructor.

Course Objectives

Math 20 is a short course for science and technical students. The use of a scientific calculator to solve fundamental mathematical calculations in science and technology is emphasized.

Drop Date

The drop date is Friday, September 3, 1999. After that date the instructor is required to assign a grade that will appear on your transcript. If you plan to drop the class, you should do so yourself. Do not depend on the instructor to drop you because of nonattendance.

Attendance

Attendance in lecture is mandatory. A student will be dropped automatically if s/he misses two consecutive lectures without prior consent of the instructor. ALWAYS inform the instructor ahead of time if you have to miss an exam. Without prior notification your grade is a zero for a "no show."

Tardiness, leaving early and sleeping during lecture are considered disruptive behavior and are punished with an absence.

Homework

Homework will be assigned frequently. It is essential to your success in this class that you do all the assigned homework. All work must be legible. If the instructor cannot read the work, it is incorrect. **No late homework will be accepted.** If you are unable to attend class, you may have a friend bring your homework to class, you may mail it to the instructor care of Reedley College (postmarked by the due date!) or you may place it in the instructor's mail box in the administration building (before the 9:30 a.m. on the due date!).

Exams

One exam (on Thursday, Sept. 2) and a cumulative final exam (on Thursday, Sept. 23) will be given. No exam scores will be dropped, and no makeup exams will be allowed unless you have prior permission and supply **verifiable** written proof of your excuse.

Grading

Note: This course is offered as credit/non-credit only. Credit will be given for a final grade of 70% or greater. No credit will be given for a final grade less than 70%.

The final grade will be calculated as follows:

Average of exams	85%
Average of homework	15%

Academic Dishonesty

Cheating is one of the worst things you can do in college. **The penalty for cheating is a zero for that assignment or exam.** Anyone caught cheating will have to schedule a meeting with the instructor to discuss penalties for further cheating. In addition to the point penalty, cheating may be reflected on your academic record, you may be dropped from the class, or you may be banned from Reedley College.

Schedule for Math 20

It is expected that students read the text to be covered and attempt to work the practice problems **before** class. The schedule may be altered to suit the needs of the students.

Date	Topic(s)
T 8/17	Chap. 1 Your Calculator: Friend or Foe?; Chap. 2 Numbers; Chap. 14 Some Study Tips
R 8/19	Chap. 3 Ratios; Chap. 4 Powers and Roots
T 8/24	Chap. 6 Scientific Notation
R 8/26	Chap. 9 Units
T 8/31	Chap. 7 Significant Figures
R 9/2	Exam
T 9/7	Chap. 8 Equations
R 9/9	Chap. 12 Solving Problems
T 9/14	Chap. 10 Graphing
R 9/16	Chap. 5 Logarithms
T 9/21	Chap. 11 Trigonometry and Geometry; Review
R 9/23	Final Exam