

FINITE MATH

COURSE DESCRIPTION

Math 21 is an introduction to finite mathematics and quantitative methods for Behavioral Science, Social Science and Business majors. Topics include the applications of sets, counting, probability, expected value, rates of change, functions: applications and graphing, mathematics of finance, systems of equations and matrices, and linear programming.

REQUIRED TEXT



Pilant, Epstein, Bollinger, Halls, Hester and Strader, Finite Math on The Web, 2.0. Thomson, Brooks/Cole, 2005. ISBN: 0534997570

SUBJECT PREREQUISITE: Successful completion (grade of **C** or better) of high school algebra, to include Algebra 2 or equivalent (Math 103).

HOMEWORK:

Homework assignments are completed online and the assignments can be found at the **iLrn website** (ilrn.com). You may work ahead if you like. ***It is important to stay current to be successful in the course!*** Homework assignments are usually due once a week, usually ***but not*** always on the weekend. **Do not expect to take the exam and then complete the homework.** Each chapter's assignments have a due date and the assignment will be unavailable to the student after the due date. **No late homework will be accepted.** Online homework will account for **10%** of your grade.

*Note: When working on homework, you do not have to complete an entire assignment during one session. If you need to stop while in the middle of an assignment, simply hit the **Save My Progress** icon and the program will save your work. You can then come back to the assignment and continue from where you left off at another time. I recommend hitting **Save My Progress** often while doing the homework and be sure to hit this button before logging off to prevent your work from being lost. Make sure you understand the difference between **Save My Progress** and **Submit Answers**. The first will save your work but **does not** submit answers to be graded.*

ONLINE TESTS: There will be eight or nine (8 or 9) online tests given, one for each chapter of material covered in the course, depending on how much is covered. Each test has a deadline and each test will cease to be available after its deadline. Each exam is worth **100 points** and Online Tests will account for **30%** of your grade.

*Note: Before you begin an online exam, be sure you have everything you need and will not be interrupted. Once you begin the exam you will have **2 hours** to complete it. After the 2 hours have expired the exam will no longer be available to you. It is not possible to stop the exam and return to it later!*

ONLINE EXAM PREREQUISITES: It is imperative that you complete homework before taking the online exam. An average score of 70% on the unit's homework is a **prerequisite** for the exam. If you have earned **at least 70%** of the possible homework points for that unit, then whatever score you earn on your exam will be the score entered for your exam grade. If, however, you earn **less than 70%** on your homework, then the **average of your homework grade and your test score** will be the score entered for your exam grade

MIDTERM EXAMS: There will be three (3) Midterm Exams which will be given at the Reedley College Campus. Each Midterm Exam will be worth 100 points, will cover **two or three chapters**, and will require all work to be shown for each problem in order to receive full credit. Two hours will be allowed to take each of the Midterm Exams. The Midterm Exams will account for **40%** of your grade.

FINAL EXAM: A two hour **comprehensive** final exam worth 100 points will be given at the end of the semester during finals week on the Reedley College campus. This final exam will account for **20%** of your grade. **The final exam score may be used to replace the lowest midterm exam score. The final exam score cannot be replaced by a midterm exam score. Students who do not take the final exam will receive a score of 0%.**

Note: Calculators may be used on both the midterm and final exam. Cell phones are NOT to be used as calculators and should not be in plain view while taking an exam.

Students will need to present a valid picture I.D. in order to take both midterm exams and the final exam. NO STUDENT WILL BE ALLOWED TO TAKE ANY MIDTERM EXAMS OR THE FINAL EXAM WITHOUT A VALID DRIVER'S LICENSE OR PICTURE I.D.

GRADING:

Weight of course components:

HOMEWORK	10%
ONLINE EXAMS	30%
ONCAMPUS MIDTERMS	40%
FINAL EXAM	20%

Grade in the course:

100 – 90%	A
89 – 80%	B
79 – 70%	C
69 – 60%	D
< 60%	F

The instructor reserves the right to make slight adjustments in the grading scale.

Plagiarism: Reedley College rules on plagiarism will be enforced. Students cheating and students allowing others to cheat off of their assignment will receive a 0% on that assignment (whether it is a final, test, quiz, midterm, or any other assigned work). PLEASE NOTE: A difference in score of 20% or higher on the online exams and the onsite midterm exams might be a sign of cheating. **The teacher reserves the right to make that conclusion.** [For example, if a student scores a 85% on the online chapter quiz, but scores a 55% on his midterm which is based on the same material – this might mean that the student got unauthorized help on the online chapter quizzes.]. In that case, the rules on plagiarism/and cheating can be enforced.

IMPORTANT DATES AND DEADLINES

****Print and Post this page next to your computer screen****

I. Important General Class Dates: Fall 2009

- **August 20 - Orientation Session**
- **August 28 – Last day to add**
- **September 7, 2009 – Labor Day Holiday**
- **September 22 - Midterm #1, 6:00 p.m., Reedley College**
- September 4, 2009 – Last day to file for Pass/No-Pass grading basis
- **September 11, 2009 – Last day to drop**
- **November 4 - Midterm #2, 6:00 p.m., Reedley College**
- **December 9 - Midterm #3, 6:00 p.m., Reedley College**
- **FINAL EXAM: Tuesday, December 15, 2009, 6:00 – 7:50**

NOTE: If you have a verified need for an academic accommodation or materials in alternate media per the Americans with Disabilities Act or Section 504 of the Rehabilitation Act, please contact me as soon as possible.