

Course Syllabus for Math 123 (Fall 2010)

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Textbook: Business Mathematics (Custom CCSU edition).

Prerequisites: Math 101 with C- or better or Placement Test (Level 3).

Calculator: The recommended calculator for this course is the TI-83+. Similar calculators such as the TI-83, TI-84, TI-84+ and TI-86 are also acceptable and may be used for examinations. Calculators with a symbolic capability such as the TI-89 and TI-92 are not allowed on examinations. If you are wondering whether your calculator is acceptable, please ask the instructor.

Instructor: Dr. J.J. Gong

Office: Marcus White Computer Lab/MS209/MS211

Phone: 860-987-3127

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Office Hours: Tuesday/Thursday 9:15am – 10 am or special hours by appointment.

WARNING: YOU WILL NOT GET CREDIT FOR MATH 123 IF YOU HAVE ALREADY TAKEN MATH124, 125, 135 or 152(formerly MATH122).

Cell phones and other communication devices:

Must be turned off at all times during class.

Course Material:

Chapter 1: Linear Models and Systems of Linear Equations

Chapter 11: Functions, Models and Average Rate of Change

Chapter 12: Limits, Instantaneous Rate of Change, and the Derivative

Chapter 13: Applications of the Derivative

Chapter 2: Systems of Linear Equations and Matrices

Chapter 3: Linear Programming: The Graphical Method

Appendix G: Linear Programming with Excel Solver (see page 1337)

Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled.

Evaluation:

Minimum averages have been established for each of these grades:

A 93% A- 90% B+ 87% B 83% B- 80% C+ 77% C 73% C- 70% D+ 67% D 63% D- 60%

The average for the course will be based on the following weights:

Exam 1, 2, 3	45%
Quizzes and Class Participation	30%
Final Exam (cumulative)	25%

Homework:

Math is not a spectator sport – actively solving math problems on your own is the best way to learn the subject. Being able to do the homework problems quickly and correctly on your own will be the key to succeeding in this class. I will be checking homework randomly at various times throughout the course. Please keep your homework together in a notebook or folder that can be passed in. You may be invited to explain your homework solutions to class.

Pop-up Quizzes:

will be given at random through course (other than exam days). It last about 15 minutes. Usually, the quiz will be based on the homework problems that assigned before (exceptions will be announced in class). In order to account for the occasional absence, I will drop the two lowest quiz grades.

Exams:

All the exams/quizzes will be closed book, but you will be permitted to bring one 8 ½ by 11 inch sheet of notes. You will also be able to use a calculator on all the exams/quizzes.

Exams must be taken at their scheduled time – **no make-up exam will be given.**

If you do not take one of the exams at its scheduled time, you are **NOT** guaranteed a chance for a make-up exam. To request a make-up exam:

- 1) Inform instructor as soon as you know you cannot make the exam
- 2) Document your reason for missing the exam
- 3) Convince me that your reason is a valid one for missing the exam

Remember: as soon as you know you will miss an exam, contact me at once, e.g., by phone or e-mail given above.

You must take the final examination at the time specified by CCSU, which is given on the class Web page.

Occasionally, there may be changes to the course schedule (for example, if classes are cancelled because of bad weather). Changes will be announced in class.

University Policies:

1. You must take the final examination at the time specified in the course selection book.
2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My telephone number and office hours are given above.
3. Whenever a student is absent, it is the student's responsibility to contact the instructor immediately upon returning to campus. In particular, "Regular class attendance is expected by the university." "Excessive" absences may result in the lowering of the course grade.
4. In the event of weather emergency that requires curtailment or cancellation of classes, call 860-832-3333 for the "general snow message" or listen to WTIC (1080 AM).
5. The last day to drop is Monday, **October 25**. Approvals for withdrawal prior to this date are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to withdraw from the course.
6. After **October 25** withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.
7. You are responsible for understanding and abiding by the University's policy on **academic integrity**. Information on the policy may be found online at: <http://www.ccsu.edu/AcademicIntegrity/UndergradAcadMisconductPolicy.htm> . This policy is rigorously enforced by the Department of Mathematical Sciences.

Study Tips:

1. If you need help, take advantage of office hours. Do not wait until just before the first test.
2. Attend and participate in class; complete homework assignments; take tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every credit hour.
3. Form a study group with other students in your section. Explaining solution to homework problem to each other is good way to learn.
4. The Learning Center is located in Room 241, Copernicus. Free tutoring is available in Room 241, Copernicus, and at other locations on campus. A schedule for hours the Center is open will be posted soon after the beginning of the semester. Online "E-Tutoring" is also available on **www.ccsu.edu**.
5. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

***Note:** The information on this syllabus is subject to change (by the instructor); changes will be announced in class.*