

Department of Mathematical Sciences

Fall 2010

Course Title: Applied Business Mathematics, Math 123 - 11

Prerequisite: MATH 101 (C- or higher) or placement exam.

Course Description: Elements of calculus and finite mathematics with emphasis on applications to problems arising in business. Topics include polynomial and rational functions, modeling, limits, continuity, derivatives, maxima and minima of functions, matrices, systems of linear equations, linear inequalities, and linear programming. Exponential and logarithmic functions will be studied if time permits. No credit given for students with credit for MATH 124, 125, 135 or 152.

Instructor: Oscar Perdomo

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Office: Marcus White 111

Office Hours: Tuesday and Thursday from 12:20 to 1:55 and Wednesday from 10:00 to 12:00.

Textbook: Business Mathematics (Custom CCSU edition)

Class Meeting Times: Tuesday and Thursday from 2:00 to 3:15 AM at MS 212.

Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and 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 hour in class.

Coverage: We cover most of the material in Chapters 1,3,11 and part of Chapter 12. We will also cover sections 2.1, 13.2 and the Appendix G.

Cell phones and other communication devices: Must be turned off at all times during class.

University Policies:

1. You must take the final examination at the time specified in the course selection book *add time appropriate for your section*.
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 numbers and office hours are given above.

I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”

4. The last day to withdraw from a course and receive the grade of “W” is **Monday, October 25th**. 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 drop the course. After **October 25th** 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.

5. You are responsible for understanding and abiding by the University’s policy on academic integrity. Information on the policy may be found at <http://www.ccsu.edu/AcademicIntegrity/>. This policy is rigorously enforced by the Department of Mathematical Sciences.

Resources Available:

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Rooms 241 and 242, Copernicus. Free tutoring is available. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

Evaluation: There will be Quizzes, two in class tests and a final exam. Quizzes are worth 25% and each exam is worth 25 %. 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%

Final Exam: Thursday, December 16, 2:00 PM – 4:00 PM