

Math 120B Section 6 : Finite Mathematics
Fall 2009, TR 10:30 – 12:20 in SE 126

Instructor Information:

Instructor: Tom Zerger
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Office: SW 307
Office Hours: MW 4:20 – 5:20, TR 9:30 - 10:20 (Other times by appointment)

Course Resources and Information:

Course Description: Students study equations and inequalities, functions, systems of equations, linear programming including the simplex method, quadratic functions, exponential and logarithmic functions, mathematics of finance, introduction to differential calculus including derivatives and applications. The course emphasizes applications from business and economics. Prerequisite: Math 103 or equivalent.

Required Text: *Mathematical Applications for the Management, Life, and Social Sciences*, 9th ed. Ronald J. Harshbarger & James J. Reynolds. We will cover chapters 1-6 and 9-11.

Calculators: It is expected that everyone have at least a scientific calculator with trigonometric, logarithmic, and exponential functions. It may be helpful to have a graphing calculator to help with visualization, but it is not required to have one. *Since not all students will have graphing calculators, there may be some limited use on some exams or parts of some exams.*

Additional Help and Resources:

- **Tutoring:** The [Math Resource Center](#) is located at **SE 106** and has individual tutoring available. The hours are on the website.
- There is also **on-line help** for this [text](#) as well. Use the drop-down menu at the top to select the chapter you want and the left side has options for things to do.
- **Calculator Help:** Complete manuals are available on-line for all TI calculators at <http://education.ti.com/us/global/guides.html> - You will find your TI calculator under the product drop-down menu. For this specific textbook there is also a [graphing calculator help manual](#) (see Book Resources on the left).
- **Course information**, including grades, can be found on [v-space](#).
- **General SVSU information** can be found at the [student services](#) website.

Grading

Academic Integrity: Work that is turned in for an individual grade should be your work. From the SVSU Code of Student Conduct 1.8.1 : "No student shall cheat, plagiarize or facilitate academic dishonesty by another student. Students are responsible for completing all assigned academic work without unauthorized aid of any kind." If you have any questions about what constitutes academic dishonesty, please ask me and/or see the website at <http://www.svsu.edu/academicintegrity/>. Evidence of unauthorized aid on an exam or "homework" assignment (see Graded Work below) will result in a zero score.

Graded Work: There will be 3 exams (200 points each) and a comprehensive final exam (250 points). There will also be an additional “homework” score of 150 points consisting of homework problems, in-class assignments, take-home assignments and quizzes. There will be NO make-ups on missed “homework” assignments – the lowest two “homework” scores will be dropped.

Grading Scale: There are a total of 1000 points and your grade will be determined by the following point/percentage scale.

Grade	Points	Percentage
A	930 – 1000	93 - 100
A –	900 – 929	90 - <93
B +	870 – 899	87 - <90
B	830 – 869	83 - <87
B –	800 – 829	80 - <83
C +	770 – 799	77 - <80
C	700 – 769	70 - <77
D	600 – 699	60 - <70
F	000 – 599	00 - <60

Tentative Schedule

September	1	1.1 – 1.2	October	27	6.1 – 6.2
	3	1.3, 1.5		29	6.2 – 6.3
	8	Labor Day Break	November	3	6.4 – 6.5
	10	1.6, 2.1		5	9.1 – 9.2
	15	2.2 – 2.3		10	9.3 – 9.4
	17	2.3, 2.4		12	9.5 – 9.6
	22	3.1, Review		17	9.7 - 9.8
	24	Exam 1 (1.1 – 2.4)		19	9.9, Review
	29	3.2 – 3.3		24	Exam 3 (6.1 – 9.9)
October	1	3.4 – 3.5		26	Thanksgiving Break
	6	4.1 – 4.2	December	1	10.1 – 10.2
	8	4.3 – 4.4		3	10.3 – 10.4
	13	4.4 – 4.5		8	11.1 – 11.2
	15	5.1 – 5.2		10	Review
	20	5.3, Review		15	Final Exam 12:30–2:20
	22	Exam 2 (3.1 – 5.3)			

Important Dates: (Others can be found [here](#) at the registrar’s office website)

Last day to withdraw with a “W” grade: **October 30**

Last day to withdraw with a “WP” or “WF” grade: **November 13**