

# Linfield College

## MAT 152 Finite Mathematics & Calculus



**TIME:** 6:00 - 9:30 p.m. Mondays  
**DATES:** June 14 - Aug. 16, 2004, Also July 8, Aug. 5  
**LOCATION:** Cascades Hall 118

**INSTRUCTOR:** Monte Cheney

🕒 Office:	PIO 212, C.O.C.C.	Office: 330 - 4355
🕒 Office Hours:	1 - 2 p.m. Mon - Th, 5 - 6 p.m. Mon.	Home: 383 - 4190
📧 E-mail:	mcheney@cocc.edu	FAX: (541) 318-3785

### REQUIRED TEXT & SUPPLIES:

- 🕒 *College Mathematics for Business, Economics, Life Sciences, and Social Sciences*, 9<sup>th</sup> edition, by Barnett, Ziegler, Byleen. ISBN: 0-13-079768-5, Prentice Hall.
- 🕒 A graphing calculator, preferably a TI-83 or 83+

### COVERAGE:

We will cover most of chapters 8 through 13.

### PREREQUISITES:

To be successful in this course, a student should have completed a college algebra course, similar to Mth 111 at C.O.C.C.

### OBJECTIVES:

After completing this course, the student should have the knowledge of the concepts and applications of differential, integral, and multivariable calculus. The objectives are to present calculus to college students of business, management, economics, life science, and social science to use in problem solving and decision making in their disciplines. Therefore, emphasis is directed specifically toward applications in business, management, economics, life and social sciences.

### INSTRUCTOR BIOGRAPHY:

I have been in the Northwest now for 16 years. I graduated with a B.S. in Mathematics from Walla Walla College in 1994 where I met my wife, Kari. We then both attended W.S.U. and received advanced degrees in Mathematics and Statistics. We have lived in Bend for 5.75 years, and are still trying to figure out how to keep our garden from freezing in July. We have 4 children, Kelsie, Nate, Colin, and Ryan.

<b>GRADING:</b>	Homework	25%
	2 Exams	25% each
	Final Exam	25%

**SCALE:**            **A** = 91% and up , **A-** = 90 - 90.9%, **B+** = 89 - 89.9%, **B** = 81 - 88.9%,  
**B-** = 80 - 80.9%, **C+** = 79 - 79.9%, **C** = 71 - 78.9%, **C-** = 70 - 70.9%  
**D+** = 69 - 69.9%   **D** = 60 - 68.9%    **F** = Below 60%

**ATTENDANCE:**

You will not be graded on attendance, but regular attendance is **crucial to your success** in this class. There will be concepts and assignments given in class that may not be in the textbook. You are accountable for any activities or assignments given during classes missed.

**CLASS CONDUCT:**

Courtesy and respect for others is expected in the classroom from students and the teacher. As such, I ask that you:

- ⌚ Please feel free to ask questions before and during class when you do not understand.
- ⌚ Please do not talk or do homework during class, as this detracts from the learning environment.
- ⌚ Please let me know if there are circumstances in the class that detract from your learning experience.

**HOMEWORK:**

Homework will be assigned every day in class and will be due at the beginning of the following class. Some homework will be graded, but others will be check-marked. In such cases, answers to the assigned problems will be given. The lowest homework score will be dropped. Late homework is not accepted. Please contact me if you have a problem submitting homework, activities, or projects on time.

**PROJECTS & ACTIVITIES:**

There will be several projects and in-class activities during the quarter. Project and activity grades will count towards the homework grade.

**EXAMS:**

There will be **two** exams during the semester. Each student will take the final exam. Also, there will be no make-up exams, so talk with me beforehand if you will be absent on an exam day. If the final exam score is higher than the lowest mid~~exam~~ exam score then it will replace that score, and only that score.

<b>IMPORTANT</b>	July 5	No Class	July 4 Holiday
<b>DATES:</b>	July 8	EXAM 1	(Tentative)
	Aug 5	EXAM2	(Tentative)
	Aug 16	<b>FINAL EXAM</b>	

**STUDENTS WITH DISABILITIES:**

Students with documented disabilities who may need accommodations, who have any emergency medical information the instructor should know of, or who need special arrangements in the event of evacuation, should make an appointment with the instructor as early as possible, no later than the first week of the term.

