## Math 142: Business Mathematics II

<b>INSTRUCTOR:</b>	Joe Kahlig	PHONE:	862 - 1303
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WEB ADDRESS:	http://www.math.tamu.edu/~joe.kahlig/		
<b>OFFICE HOURS:</b>	<u>Tuesday and Thursday</u> : 1:30pm-3:30pm		
	<u>Tuesday</u> : 9:30-11am		
	other times by appointment		

#### **RESOURCE MATERIALS:**

• Text: Calculus for Business, Economics, Life Sciences, and Social Sciences; by Raymond A. Barnett, Michael R. Ziegler, Karl E. Byleen. ISBN: 978-0-13-232818-0.

**COURSE CONTENT:** Derivatives, curve sketching and optimization, techniques of derivatives, logarithms and exponential functions with applications, integrals, techniques and applications of integrals, multivariate calculus. Credit is not allowed for more than one of the following: Math 131, 142, 151, 171.

**PREREQUISITES:** High school algebra and geometry, or equivalent.

**CALCULATOR POLICY:** This course **REQUIRES** a TI-83(Plus) or TI-84(plus) graphing calculator. You may use another calculator, provided that it does not give you an unfair advantage over your classmates. **The only calculator programs allowed are those I give out during class.** All other programs must be erased from the calculator. Using a calculator that is not approved or having programs(or notes) on the calculator will be considered a case of Scholastic Dishonesty and will be dealt with in that manner.

### **GRADING POLICY:**

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3  Exams  @ 18%  each	54%	A = 90-102
Quizzes	9%	B = 80-89
Written Homework	9%	C = 70-79
On-line Homework	5%	D = 60-69
Final Exam	25%	F = 0-59
Total	102%	

**EXAMS:** There will be three in-class exams and a comprehensive final. **I will not curve your test grades.** If you miss a test for any university excused absence, you need to notify me as soon as possible so that we can set up a time for a makeup. Once an exam is returned, I will not give a makeup for that exam. If you believe that you have a valid reasons for receiving a makeup after the exams have been returned, then talk to me. Any question regarding grading/scoring must be done within one week of the return of the exam or no change to the grade will be made.

Tentative Exam Schedule Final Exam Schedule		
Exam 1	Feb. 20	Section 503: Tuesday, May 12 from 8am - 10am.
Exam 2	March 25	Section 505: Monday, May 11 from 10:30am - 12:30pm.
Exam 3	April 22	Section 506: Tuesday, May 12 from 3:30pm - 5:30pm.
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**WRITTEN HOMEWORK:** Each written homework assignment will be posted on my web page along with its due date. Late assignments without a valid university excuse will <u>not</u> be accepted. Late assignments with a valid excuse will not be accepted after the solutions have been posted. If you have a valid excuse for a late assignment, talk to me about other options.

At least one written homework assignment will be dropped at the end of the semester. Working together on these assignments is ok. However, copying from other students is considered cheating. Be sure that you follow the homework rules(listed below).

# HOMEWORK RULES

- 1. Do not turn in paper that is torn out of a spiral notebook.
- 2. Write your name, section, and row number at the top of the paper.
- 3. If your homework takes more than one page, then staple the papers together in the upper left corner.
- 4. Do not work on the back of the paper. Any work on the back will not be graded.
  - 5. Be neat and legible.

Papers that do not follow all or some of the homework rules, are graded at the grader's discretion.

**ON-LINE HOMEWORK (MODULES):** The on-line homework will use the Cengage Learning website, formerly Thompson Learning. This will require the purchase of an access code. Due dates will be posted on the Cengage system. Since there may be compatibility issues between your personal computer, I would strongly suggest working the assignments in the on-campus computer labs.

**QUIZ:** There will be a quiz every Wednesday except for the first week of class and exam weeks. I may also give pop quizzes. I will drop at least one of the quiz grades when calculating the quiz average. Take-home quizzes will not be accepted late without a university excused absence.

**WEB PAGE:** A tentative schedule for this course may be found on my web page along with all the written homework and take-home assignments. Solutions to the exams, quizzes, and written homeworks will be placed on line in a timely manner. The web page also contains links to additional resources. In addition to my web page, I will be communicating important information using your neo e-mail account. Be sure to check you neo e-mail daily for messages.

**ATTENDANCE:** Attendance is strongly encouraged. You will only be allowed to makeup quizzes and exams for a university excused absence. Proof must be shown before any makeup is allowed. If you miss for an illness, then you need a note from a medical professional stating that you should not be in class on that day. For non-medical absences, ask me what proof is required to verify that it is excused. The last day to Q-Drop this class is **April 10**.

**WEEK IN REVIEW:** The Week in Review is a review session that will highlight the material from the previous week. My web page has a link to the problems covered during the review. The time and location are still being determined.

**A.D.A. POLICY STATEMENT:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Disability Services, in Room B118 of Cain Hall or call 845-1637.

**COPYRIGHT POLICY:** The handouts used in this course are copyrighted. By "handouts," I mean all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, in-class materials, review sheets, and additional problems sets. Because these materials are copyrighted, you do not have the right to copy the handouts, unless I expressly grant permission.

**SCHOLASTIC DISHONESTY:** <u>An Aggie Does Not Lie, Cheat, or Steal or Tolerate Those Who Do.</u> The Aggie Code of Honor will be enforced in this course. For the purpose of this course, cheating will be defined as (but not limited to) access or use of unauthorized material during exams and quizzes, collaboration between students during exams, quizzes or assignments for which group work is not allowed, perusal of another student's work during exams and quizzes, copying other student's work or allowing other students to copy your work on any assignment, quiz or exam, and having unauthorized programs or other information stored on calculators when these calculators are accessible during an exam or quiz.

For additional information about Aggie Honor System consult http://www.tamu.edu/aggiehonor/

## SCHOLASTIC DISHONESTY WILL NOT BE TOLERATED.