

# Math 142, Section 516

## Business Math II

Spring 2010

**Instructor:** Dr. Mariya Vorobets

**Time:** TR 9:35 – 10:50 a.m.

**Location:** HELD 109

**Web page:** <http://math.tamu.edu/~mvorobet/MATH142/>

**Office:** Milner 004 (phone: 845-0849, e-mail: [mvorobet@math.tamu.edu](mailto:mvorobet@math.tamu.edu))

**Office hours:** TR 1:00 – 2:30 p.m., or by appointment

**Course Title and Description:** Business Math II (3 Credit Hours) - Derivatives, curve sketching and optimization, techniques of derivatives, logarithms and exponential functions with applications, integrals, techniques and applications of integrals, multivariable calculus.

**Prerequisite:** High school algebra I and II and geometry or satisfactory performance on a qualifying examination. Credit will not be given for more than one of MATH 131, 142, 151 and 171.

**Text:** CALCULUS For Business, Economics, Life Sciences, and Social Sciences (11th edition), by Barnett, Ziegler and Byleen, published by Pearson Prentice Hall, 2008. ISBN: 0-13-232818-6

**Course Web Page:** The course web page will be my main source of communication to you aside from class and office hours. Check the course page regularly for announcements, exam information and the course schedule.

**Email Policy:** Check your official TAMU email account EVERY day. You are responsible for any information I send via email. Because of the privacy rights, I cannot discuss grades via email or over the phone. Please include your full name and section number in your email.

**Online Homework:** Homework will be assigned online on the Webassign system for each section and will be due regularly. You will be required to purchase an access code for these assignments. Instructions are available at <http://www.math.tamu.edu/ehmwk/>

You may use scratch paper, calculators etc. on the online homework. The deadlines are programmed into the computer system, so submitting your homework well before the deadline is recommended. If you submit your homework late, the computer will automatically give you a zero for the assignment and not record your answers. You are responsible for remembering to do the homework.

**Suggested Homeworks:** A list of suggested homework problems will be posted on the course web page. These problems will not be collected for a grade. You are strongly recommended to do all of them which will provide a valuable practice for the quizzes and exams.

**Calculator Policy:** This course requires that you have a TI-83 or TI-84 (Plus or Silver edition) calculator or the TI-Nspire (non-CAS version). No programs are allowed except ones that I give you (if any), and no other types of calculators can be used on quizzes or exams. No sharing of calculators is allowed on quizzes or exams. Memory MUST be reset before every exam. To enter the class on exam days, your calculator must be on and say "mem cleared", and you must have a photo ID (TAMU ID card or Drivers License).

**Cell Phone Policy:** Have cell phones OFF at all times in my classroom. Texting during class is not allowed.

**Quizzes:** Quizzes will be given regularly, almost every week (except exam weeks) during the class on Thursdays. All of them are mandatory, although, a couple of worst grades will be dropped at the end of the semester. Make up quizzes will be provided if you have written evidence of an official University excused absence (see *University Student Rules*) AND contact me **NO LATER** than the second working day after the quiz to schedule a make-up quiz (See *University Student Rules*).

**Examinations:** Your grade will be determined by online homework, quizzes, three midterms, and a cumulative final exam.

The *tentative* midterms dates are: Exam I – February 11, Exam II – March 25, Exam III – April 22.

The *final* exam is scheduled for Friday, May 7, 12:30 – 2:30 p.m.

No collaboration on the midterms and on the final is allowed. The use of books, cell phones, calculators or notes of any sort during exams is not permitted.

**Grading Policy:**

EXAM I = 17%, EXAM II = 17% , EXAM III = 17% , Quizzes = 15%, HW = 10%, FINAL EXAM = 24%, TOTAL = 100%

The final grades will be assigned according to the 90–80–70–60% scale, that is, A for 90 – 100%, B for 80 – 89% , C for 70 – 79%, D for 60 – 69%, and F for 0 – 59%.

**Help Sessions and Week-in-Review:** The Mathematics Department offers help sessions for Math 142 students. See <http://www.math.tamu.edu/courses/helpsessions.html> for the schedule and more information. Also every week there will be a week-in-review conducted by Math Department faculty member for all sections of Math 142. Problems will be posted before each session. See <http://www.math.tamu.edu/~drost/142wirSPR10a.html> for the week-in-review information and schedule.

**Make-up Policy:** No make-ups will be given without written evidence of an official University excused absence (see *University Student Rules*). In addition, you must notify me **NO LATER** than the end of the second working day after the missed assignment:

... the student must notify his or her instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence if such notification is feasible. In cases where advance notification is not feasible (e.g. accident or emergency) the student must provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class. (Section 7.3 of the *University Student Rules*)

**\*\*\*If no such notice is given, the rights to a make-up are forfeited.** Specifically, in the case of injury or illness, students are required to obtain a confirmation note from a health care professional affirming date and time of a medical office visit regarding the injury or illness. I will NOT accept the “Explanatory Statement for Absence from Class” form as sufficient written documentation of an excused absence.

**Late Work Policy:** Late work (for which you do not have a University approved excused absence) will NOT be accepted. This includes all written and online assignments.

**Attendance:** I STRONGLY suggest that you attend every lecture. Falling behind in this course can be very detrimental to your grade. If you miss lecture, you must have an official

University excused absence (with written proof) in order to hand-copy my notes (during office hours).

**Scholastic Dishonesty:** Copying work done by others, either in-class or out-of-class, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless I grant permission.

If you cheat on an assignment, you will receive a zero. Also, you will be reported to the University. Another form of cheating is typing formulas in the calculator or using programs that give you an advantage over classmates. If I catch anyone cheating this way, you will get a zero on the assignment and be reported to the University for cheating.

Remember the Aggie Code of Honor: **“An Aggie does not lie, cheat, or steal or tolerate those who do.”**

For more information about the Honor Council Rules and Procedures visit the web site: <http://www.tamu.edu/aggiehonor>

**Copyright notice:** All course materials (both printed and web-based) are protected by U.S. Copyright Laws. No multiple copies can be made without written permission by the instructor.

**Students with disabilities:** 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 Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>