Math 1022 -B10A Calculus II, B-term -Winter 2014  
(CRN 10653 for registration on bannerweb)

Professor: Zhongqiang Zhang
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Office hours: Tuesday 3:00-4:00, Thursday 3:00-4:00 and by appointment

*Peer learning assistant*    Meena Khayami,  mlkhayami@wpi.edu
*Instructor’s assistant (lab)*    Jane Bouchard,  bouchard@wpi.edu

Class meetings: MTRF 2:00-2:50 SL411
Conferences: Monday 4:00-4:50 SH308
Maple Labs: Thursday 4:00-4:50 SH003

*Required textbook*
Thomas’ Calculus: Early Transcendentals (13th Edition) plus *MyMathLab* (Go to http://www.mymathlab.com and register with Course ID zhang70706)

*Grading*
Quizzes = 8% \times (6 - 1) = 40%     (weekly)
Homework = 20%         (weekly)
Final Exam = 30%        (on Dec. 17th, 7:00pm -9:00pm)
Lab Assignments = 10%   (weekly)

*Course*
This course provides an introduction to integration and its applications. Topics covered include: inverse trigonometric functions, Riemann sums, fundamental theorem of calculus, basic techniques of integration, volumes of revolution, arc length, exponential and logarithmic functions, and applications.
Recommended background: MA 1021 (Calculus I).

Conferences
You will meet with the Peer Learning Assistant (PLA) for the class. You will be able to ask the PLA questions on the material covered and homework. The PLA may also review course material. Homework will be due in conference.

Maple computer Labs
You will meet with the Instructor’s Assistant in the computer lab (SH003). You will learn how to use Maple and explore the mathematical ideas delivered in this calculus course. The first lab will be on Nov. 6 and the last will be on Dec. 10. There will be no make-up labs.
If you do have legitimate reasons, such as illness, travel, etc., you should contact the lab instructor at least two days before the lab day so that the lab instructor can make arrangements for you to attend another section of the lab.

Homework
Written homework. Problems will be assigned for each covered section of the book and will be posted on myWPI and the course web page. Make sure that you turn in your homework on time as late homework will not be accepted and will be graded as zero. If you have to miss a conference on Monday, turn in your homework to me before class meetings on Friday or Thursday before that Monday.
Online homework will be posted online using MyMathLab.

Quizzes
There will be a 15-20 minute in-class quiz each week- six quizzes in total. Only fives of them will be recorded and the minimum grade will be dropped. For example, you will be scored zero if you miss a quiz once but your grade will not be recorded. However, there are no make-up quizzes.
Final Exam

The final exam will be on Dec. 17 from 7-9pm.

You will pass the final exam if you pass both parts of the exam: Basic Skills Part and Common Test Part. If you fail Basic Skills Part, you will not pass the course. Yet you will be given a grade of I(incomplete) if your score of Common Test Part is high enough. You then will have an opportunity to re-take the Basic Skills Part later. If you pass Basic Skills Part but fail Common Test Part, you will be given grades of NR. The grade of your final exam will be only based on your score of Common Test Part if you pass both parts of the exam.

Grading policy

Make sure that your work is legible and done neatly; otherwise you will receive no credits for it.

No credits will be given if you have only answers to assignments, quizzes and exams. You need to show both your answer and the work leading to it with proper wording or expressions.

Some statements

Cell phones and all electric devices should be turned off or muted.
Academic Dishonesty is not tolerated. Please be aware of WPI’s Academic Honesty Policy http://www.wpi.edu/offices/policies/honesty/policy.html.

Academic resources

Math Tutoring Center
The Mathematics Tutoring Center offers help in calculus, differential equations, statistics, and linear algebra. The Mathematics Tutoring Center is located outside of Stratton Hall 002A and is open Monday-Thursday 10am-8pm and Friday 10am-4pm. You can stop by at any time - no appointment is needed.

Math and Science Help (MASH)
The MASH leader for MA1022 is Shane Fagan. There will be three scheduled MASH sessions per week, held in the Academic Resources Center, beginning on Thursday, October 30. The hours will be
Monday 2:00-3:00 pm
Tuesday 12:00-1:00 pm
Thursday: 12:00-1:00 pm

*Disability services*
If you are eligible for course adaptations or accommodations because of a disability or if you have medical information to share with me, about please make an appointment with me as soon as possible. If you are not sure about the eligibility for course adaptations or accommodations, please contact the Disability Services Office (DSO), which is located in the Student Development and Counseling Center and the phone number is 508-831-4908, e-mail is DisabilityServices@wpi.edu