Math 262. Unified Calculus and Analytic Geometry, II.

Syllabus for Section 6 H, Spring 2017

Course Meetings: MWF 12:00 - 12:50 PM, Hume Hall 215

Instructor: Dr. Maksym Derevyagin
Office: Hume Hall 333
Office hours: Monday and Wednesday, 10:00-11:00 AM, 1:00 PM – 2:00 PM,
Or by appointment.
Email: mderevya@olemiss.edu

Textbook and Software:

1. ***Calculus Early Transcendentals w/ binder + MyMathLab by William Briggs, Lyle Cochran, and Bernard Gillett 2nd edition, ISBN: 9781323110935***
2. **Mathematica (do not purchase) –** available on the computers in the Weir Hall Computer Lab or install on your computer using the university site license; installation instructions at

http://www.mcsr.olemiss.edu/appssubpage.php?pagename=mathematica.inc

Course contents and goals: This course covers integration and its applications (chapters 5, 6, and 7). Students who successfully complete this class will be able to evaluate definite and indefinite integrals for polynomial, trigonometric, exponential, logarithmic, rational, and radical functions using a variety of methods. Also, students should be able to write and evaluate integrals representing plane area, volume, arc length, surface area, etc. Our goals are to enable students to understand the concepts, develop problem solving skills, apply concepts and methods learned in class to solve some application problems, prepare for higher-level courses, and enhance critical thinking and analytical reasoning abilities.

Homework and quizzes: The homework will be electronically assigned on *MyMathLab* (http://portal.mypearson.com/); for additional information see the attached handout for additional information. Also, there will be 3 quizzes (*tentative quiz dates are February 8th, March 10th, and April 12th*) and quiz problems will be taken from the lists of problems that will be posted on Blackboard in a timely manner. In addition, there will be 3 Mathematica worksheets to complete.

Tests and final exam: There will be three tests (*tentative test dates are February 24th, March 31st, and April 28th*) and a final exam on **Friday, May 12th at noon.**

Grading: The course grade will be calculated out of a total of 600 points:

- Each test will be worth 100 points (300 points in total).
- The Final Exam is worth 200 points (200 points).
- The Homework will be worth 60 points in total (60 points in total).
- Each Quiz will be worth maximum 10 points but only two best scores will be taken into account (20 points in total).
- Each Mathematica worksheet will be worth maximum 10 points but only two best scores will be taken into account (20 points in total).
- The lowest of the three mid-term test scores will be replaced by the percentage of the final exam provided that this percentage is higher.

The grading scale is: A: 540-600 (90% - 100%), B: 480-539 (80%- <90%), C: 420-479 (70%-<80%), D: 360-419, (60%-<70%). The plus/minus grading system will be used. I reserve the right to make the grading scale easier.

Calculator Policy: Your brain is a sufficient calculator in MATH 262. Calculators will NOT be allowed during exams. While I cannot stop you from using a calculator on homework assignments, I encourage you to do the homework without a calculator.

ELECTRONIC DEVICES: Cell phones, pagers, and other electronic devices that might cause disruption should be turned off or silenced before class begins.

ATTENDANCE: Attendance is highly important in this very intense course and is directly correlated with course success. I reserve the right to deduct points from the total score of a student who has more than 3 absences. The classroom is equipped with barcode scanners for an automated attendance system. You will need to bring your University ID with you to class, and scan in each day. *It is the student's responsibility to make sure his/her attendance record is correct.* Please note that, from time to time, a class roll will be circulated in class to double-check the attendance record.

Additional Policies:

1. Each student is responsible for work missed due to absences. If a test is missed, a grade of zero will be given.
2. Any person who must miss a scheduled test or quiz because of an official university function must reschedule with the instructor to take the test at a time *before* the test is scheduled to be given. No other rescheduling will be allowed. If asked for by the instructor, official documentation must be provided.

3. An "I" grade will not be given without the permission of the Department of Mathematics.
4. A student who wishes to discuss the grading policy, testing policy, or wishes to have a conversation regarding the instructor of the course should make an appointment with the course supervisor in the Department of Mathematics.
5. Any student having three or more final exams scheduled for the same day may arrange with the instructor to take either the 12:00 noon or 7:30 p.m. exam at another time. This is the only reason that a final exam may be rescheduled. The student is required to take the final exam at the time scheduled.

Course Withdrawal: *The withdrawal deadline is Friday, March 3rd, 2017.* After the course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the student's academic dean. Dropping the course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major.

Academic Needs: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Any request for extended testing time made through that office must be made prior to the date of the test.

Academic Honesty: The following statement is the policy of Department of Mathematics regarding academic honesty: Cheating on any exam, quiz, classwork, or homework, theft of exam questions or possession of exam questions prior to the time for the exam shall all be offenses subject to the appropriate penalties. The penalty for commission of any offense set out above is failure in the course, and subject to the approval of the Chancellor, dismissal or suspension from the university.

Pearson

Student Registration Instructions
Pearson's MyLab & Modified Mastering

MyMathLab®

To register for Math 262 Section 6 H Spring 2017:

1. Go to www.pearsonmylabandmastering.com.
2. Under Register, select **Student**.
3. Confirm you have the information needed, then select **OK! Register now**.
4. Enter your instructor's course ID: derevyagin31332, and **Continue**.
5. Enter your existing Pearson account **username** and **password** to **Sign In**.

   You have an account if you have ever used a Pearson MyLab & Mastering product, such as MyMathLab, MyITLab, MySpanishLab, MasteringBiology or MasteringPhysics.

   - ➢ If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
   - ➢ Enter the access code that came with your textbook or was purchased separately from the bookstore.
   - ➢ Buy access using a credit card or PayPal account.
   - ➢ If available, get temporary access by selecting the link near the bottom of the page.
7. From the You're Done! page, select **Go To My Courses**.
8. On the My Courses page, select the course name **Math 262 Section 6 H Spring 2017** to start your work.

To sign in later:

1. Go to www.pearsonmylabandmastering.com.
2. Select **Sign In**.
3. Enter your Pearson account **username** and **password,** and **Sign In**.
4. Select the course name **Math 262 Section 6 H Spring 2017** to start your work.

To upgrade temporary access to full access:

1. Go to www.pearsonmylabandmastering.com.
2. Select **Sign In**.
3. Enter your Pearson account **username** and **password,** and **Sign In**.
4. Select **Upgrade access** for **Math 262 Section 6 H Spring 2017.**
5. Enter an access code or buy access with a credit card or PayPal account.