COURSE DESCRIPTION
CALCULUS II – MA 126 - OG
SUMMER 2017

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Instructor: Professor Nandor Simanyi
Office: CH 490B
Phone#: (205) 934-2154
E-mail: simanyi@uab.edu
Office Hours: Tuesday, Thursday 3:00 PM – 4:15 PM (or by appointment)

Meeting times: MTWR 4:45 PM – 6:15 PM
Meeting location: HB 312
Prerequisite: Grade of C or better in MA 124, MA 125 or equivalent
Credits: 4 semester hours
Topics to be covered can be found in Chapters 5 — 8 and Chapter 10.
(See below for more detail.)

Important dates:
First day of class: June 05, 2017,
Last day to drop without paying full tuition: June 12, 2017,
Independence Day: July 4, 2017
Last day to withdraw with a “W”: July 07, 2017
Last day of class: August 4, 2017

Test I: near Thursday, June 29;
Sections: 4.5,5.1–5.3,5.6,5.8,6.1–6.3,6.5,6.6,7.1-7.3,7.6
Test II: near Thursday, July 13;
Sections: 8.1 – 8.7;
Test III: near Tuesday, August 1;
Sections: 10.1 – 10.5, 10.7, 10.8.
(These dates are approximate and may be slightly shifted)

Date: May 10, 2017.
Final exam: Wednesday, August 9, 4:15 PM – 6:45 PM (location to be announced)

Course policies:

• Please make sure that you are able to receive e-mail through your Blazer-ID account. Official course announcements may be sent to that address.
• If you are contacted by the Early Alert Program, you should consider taking advantage of the services it offers. Various services to assist you are also listed in the Student Resources section of the Blazernet website.
• If you wish to request a disability accommodation please contact DSS at 934-4205 or at dss@uab.edu.
• The two lowest quiz grades and the two lowest homework grades will be dropped to account for any missed assignments due to illness or any other circumstance. If a test is missed due to serious verifiable circumstances or official university business, the test grade will be replaced with the properly rescaled final exam score. You must advise the instructor of such circumstances before the exam takes place. A missed final exam gets a score of zero.
• No books or notes will be allowed during any of the tests or quizzes.
• Calculators which do not have access to the internet will be allowed during tests and/or quizzes.
• A Quick Reference Card made by the student will also be allowed on all major exams (tests and final exam), but not on quizzes.

Methods of teaching and learning:

• Class meetings of 90 minutes consisting of lectures and discussions of examples and homework problems. Time also includes quizzes and three in-class tests.
• Students are expected to undertake at least 10 hours of private study and homework per week.
• The online homework system Webassign will be used (look for more information below).

Assessment procedures:

• Student achievement will be assessed by the following measures:
  - Regular online homework. Feedback on homework is provided when wrong answers are given. Students are encouraged to retake
the homework problems (with randomly changed parameters) until they obtain correct answers. A limited number of takes is allowed (up to a maximum of three) during the week in which the set is available. Homework contributes 5% to the course average. Problems on tests are usually modeled after homework problems. Staying on top of homework is therefore extremely important.

- **Unannounced quizzes.** Quiz problems are similar to the homework problem sets. This allows students to gauge whether they are ready to work problems in a test situation. Quizzes contribute 10% to the course average.

- **Three tests** including short questions with no or limited partial credit (Part I) as well as problems requiring in depth understanding, including word-problems (Part II) for which partial credit is awarded where appropriate. The first test contributes 20% to the course average, the second and the third tests contribute 14% each to the course average.

- **A 150-minute comprehensive final examination** including Part I and Part II type problems. The final contributes 37% to the course average.

- Your course performance is your course average (including the final exam score). This is a number between 0 and 100.
- Your final grade is determined according to the following table:

<table>
<thead>
<tr>
<th>Course performance:</th>
<th>88-100</th>
<th>75-87</th>
<th>62-74</th>
<th>50-61</th>
<th>below 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Grade:</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>F</td>
</tr>
</tbody>
</table>

- In addition your grade may be raised by a strong performance on the final exam (normally at most one letter grade).
- Additional points on tests could be earned by presenting solutions to specific problems in class. These problems (and the number of points to be awarded) will be announced separately from regular homework problems.

**Tips:**

- Help is available in the Math Learning Lab (HHB 202); M–Th, 9:00 AM –7:00 PM, F 9:00 AM –2:00 PM. It is closed during official UAB holidays and breaks. Limited hours are available during final exams.
- Past exams given in Calculus II are posted on the math dept website [www.math.uab.edu](http://www.math.uab.edu) for student practice. Click on *Calculus Testbank* under the *Student Resources* link.
- By working steadily and regularly, you will increase your chances to succeed in this course.
• Remember, being a full-time student is a full-time job.

How to get started on Enhanced WebAssign:
(1) Go to www.webassign.net and click on I HAVE A CLASS KEY in the signin link.
(2) Enter the following course key for MA 126 – OG, 4:45 PM – 6:15 PM:
   uab 2262 4766
   and proceed. (If prompted for your institution, enter uab)
(3) When prompted to purchase an access code, select “… trial period”
   (Do not purchase an access code at this time. However, you must
   purchase an access code within two weeks for you to continue using
   the system beyond the two-week trial period. The system will prompt
   you to enter your access code when the deadline approaches. Your
   book may have an access code bundled with it. You must use it.)
   If you already have an active WebAssign account associated
   with this edition of the textbook, you may simply add this
   course to your account by using the above Course Key.
(4) After your first registration, you can sign in as returning user.
(5) Should you run into technical problems Enhanced WebAssign provides
   technical support online and/or by phone.

Sections to be covered: Essential Calculus, 2nd Edition by James Stewart,
• Review for Chapter 4: 4.2 – 4.5.
• Review for Chapter 5: 5.1 – 5.3.
• Chapter 5: 5.6, 5.8.
• Chapter 6: 6.1 – 6.3, 6.5 – 6.6.
• Chapter 7: 7.1 – 7.3, 7.6.
• Chapter 8: 8.1 – 8.7.
• Chapter 10: 10.1 – 10.5, 10.7 – 10.8