Syllabus

MATH 1431 – Calculus I (Section A)
University of St. Thomas – Fall 2015

Instructor: Dr. Brett Werner  
Office: Math Building, Room 218  
Email: wernerb@stthom.edu  
Phone: (713) 525-3189

Office Hours: Monday 1 – 2 PM, Wednesday 10 AM – Noon, Tuesday & Thursday 11 AM – 1 PM

Course Times and Location: Tuesday, Thursday 8:10 – 9:25 AM & Wednesday 8:10 – 9 AM, Strake 206

Course Objectives
- Understand the concept of a limit and how to evaluate limits algebraically and numerically
- Understand the concept of the derivative and its numerous interpretations
- Know how to use various techniques in order to calculate derivatives
- Be able to use the derivative in its varying applications
- Know how to calculate basic integrals
- Understand the Fundamental Theorem of Calculus

Text
James Stewart, Calculus, Eighth Edition  

Additional Materials: You may want to have a calculator in order to do some calculations on the homework or in class occasionally. However, a calculator is not required and you are NOT allowed to use a calculator on quizzes or exams.

Grading
Your grade will be based on homework, quizzes, and exams. The breakdown of how your grade will be calculated is as follows.

  Homework: 10%
  Quizzes: 30%
  Midterm Exam #1: 20%
  Midterm Exam #2: 20%
  Final Exam: 20%

The following scale will be used to determine final letter grades:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93 – 100</td>
</tr>
<tr>
<td>A-</td>
<td>90 – 93</td>
</tr>
<tr>
<td>B+</td>
<td>87 – 90</td>
</tr>
<tr>
<td>B</td>
<td>83 – 87</td>
</tr>
<tr>
<td>B-</td>
<td>80 – 83</td>
</tr>
<tr>
<td>C+</td>
<td>77 – 80</td>
</tr>
<tr>
<td>C</td>
<td>73 – 77</td>
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<tr>
<td>C-</td>
<td>70 – 73</td>
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<tr>
<td>D+</td>
<td>67 - 70</td>
</tr>
<tr>
<td>D</td>
<td>63 – 67</td>
</tr>
<tr>
<td>D-</td>
<td>60 – 63</td>
</tr>
<tr>
<td>F</td>
<td>Less than 60</td>
</tr>
</tbody>
</table>
Homework
Typically, I will assign several homework problems each week that will be due on Thursdays. These assignments will be graded based on completion. It is fine to work with others on the homework assignments, but you absolutely need to know how to work the problems on your own. In addition, everything you submit must be your own written work. Copying another person’s work is NOT acceptable. I will accept homework up to one class period after the due date with a 20% penalty.

Quizzes
Typically, each week there will be a short quiz (approximately 15 minutes) that will be done at the end of class on Thursdays. These quizzes will cover the same material that was covered in the homework due that same day. Unless prior arrangements are made, no make-up quizzes will be given.

Exams
There will be two midterm exams and one final exam. The two midterms will be done during regular classes, and the Final Exam will be done during the scheduled university time. If your Final Exam score is better than your lowest midterm exam score, I will replace the lowest midterm exam score with your Final Exam score:

The exams are scheduled for the following dates:

Midterm Exam #1: Thursday, September 24th
Midterm Exam #2: Thursday, November 12th
Final Exam: Tuesday, December 15th from 8 – 10:30 AM

Unless prior arrangements are made, there will be no make-up exams.

Website
Blackboard (BB) is where you’ll go to find announcements, access course documents, and view your grades. To access BB, go to https://blackboard.stthom.edu/. The login credentials for BB are your Celt login ID username and password,

Important dates
August 28: Last day to add courses/last day to drop with 100% refund
September 9: Last day drop classes without a “W”
September 24: Midterm Exam #1
October 12-13: Fall Break (NO CLASS)
November 11: Last day to drop classes with a “W”
November 12: Midterm Exam #2
November 25-28: Thanksgiving Break (NO CLASS)
December 15: Final Exam