Math 20B: Calculus for Science & Engineering II
Spring 2019

Instructor: Henry Tucker
Time: MWF 5:00-5:50
Email: hjtucker@ucsd.edu
Place: 115 Center
Office: 6311 AP&M
Office Hours: MW 3:30–5


Course Description: Integral calculus of one variable and its applications, with exponential, logarithmic, hyperbolic, and trigonometric functions. Methods of integration. Infinite series. Polar coordinates in the plane and complex exponentials. (Two units of credits given if taken after MATH 1B/10B or MATH 1C/10C.)

Prerequisites: AP Calculus AB score of 4 or 5, or AP Calculus BC score of 3, or MATH 20A with a grade of C or better, or MATH 10B with a grade of C or better, or MATH 10C with a grade of C or better.

Important Times & Dates: There is a strict policy of no make-up exams. You also must ensure that you are able to take the final exam at the scheduled time.

Midterm #1 (Week 4) . . . . . . . . . . . . . . . . . . . . . . . . . . Wednesday, April 24, 7–8 pm, 115 Center
Midterm #2 (Week 8). . . . . . . . . . . . . . . . . . . . . . . . . . . Wednesday, May 22, 7–8 pm, 115 Center
Final Exam . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Friday, June 14, 3–6 pm, location TBA

Homework: All homework will be completed using WebAssign. You will access WebAssign through TritonEd, and assignments for each week’s material will be due on the following Wednesday by 11:59 pm unless otherwise noted. Please note the following additional details:

• You will be allowed 100 attempts to correctly answer the problems which are not multiple choice problems.

• You will be allowed three attempts to correctly answer the multiple choice problems which have four or more options.

• You will be allowed ONE attempt to correctly answer the multiple choice problems which have two options.

• Late homework policy: If you need to turn in some homework problems late, you can request an "automatic" 4-day extension of the due date on WebAssign. You must make the request within 3 days after the due date. There is a late penalty of 50% for problems submitted late, however the deduction is not applied to problems from the same assignment that were submitted on time.

• No homework scores will be dropped at the end of the quarter.
Grading Policy: Your course score will be the higher of the following two weighted averages:

- Homework (20%), midterm 1 (20%), midterm 2 (20%), final exam (40%)
- Homework (20%), best midterm score (30%), final exam (50%)

You must also pass the final exam to receive a passing course grade. The minimum course score to guarantee you are assigned a given letter grade is based on the following standard scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score</th>
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<tbody>
<tr>
<td>A+</td>
<td>97</td>
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<tr>
<td>A</td>
<td>93</td>
</tr>
<tr>
<td>A-</td>
<td>90</td>
</tr>
<tr>
<td>B+</td>
<td>87</td>
</tr>
<tr>
<td>B</td>
<td>83</td>
</tr>
<tr>
<td>B-</td>
<td>80</td>
</tr>
<tr>
<td>C+</td>
<td>77</td>
</tr>
<tr>
<td>C</td>
<td>73</td>
</tr>
<tr>
<td>C-</td>
<td>70</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 70</td>
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</tbody>
</table>

Please note that these minimum scores may be lowered depending upon overall class performance. For each exam a conservative estimate for grade ranges based upon the mean score and standard deviation will be provided so that you are able to judge your performance in comparison to the class at large. However, please remember that only your overall course scores will be used for determining the final letter grades and grading scale.

Class Policies:

- No calculators or other electronic devices will be allowed during exams.
- You are permitted one 8.5” × 11” sheet (front and back) of hand-written notes during the exams.
- There will be no make-up or rescheduled exams.
- If you violate the instructions of the exams or communicate in any way with any other student during the exams then you will receive a 0% on that exam.
- There are no exceptions to the 50% deduction for homework completed after the deadline.

Academic Honesty: Academic dishonesty is considered a serious offense at UCSD. Students caught cheating will face an administrative sanction which may include suspension or expulsion from the university. It is in your best interest to take pride in your work by maintaining your academic integrity.