

MATH 1036 EL 02: Sep-Dec 2008
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1. Required textbook: Author: James Stewart

- a) If you intend to only take MATH 1036 then you should purchase: Calculus (Single Variable) 6th edition.
- b) If you intend to take both MATH1036 and MATH 1037 then you should purchase: Calculus 6th edition.

There are Study Guides and Student Solution Manuals available at the bookstore. Further student resources (listings of these are in the textbooks) can also be ordered.

2. Prerequisite for the course:

60% in 4U Advanced Functions or equivalent.

3. Method of determining final grade:

Best three out of four tests (each 80 minutes long): 60%
Final exam (3 hours duration) : 40%

4. Dates for the tests

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| Test # 1 | Tuesday, September 23 at 5:00pm |
| Test # 2 | Thursday, October 9 at 5:00pm |
| Test # 3 | Tuesday, November 4 at 5:00 pm |
| Test # 4 | Tuesday, November 25 at 5:00 pm |

5. Please note the following:

- a) Students must write the tests for the section in which he or she is registered.
- b) The class will be held from 5:00pm to 6:45 pm. There will be two lectures separated by a tutorial during that time period. The tutorial will be spent going over some of the assigned problems from the previous class.
- c) There will be no “rewrites” for missed tests.

- d) Tests and the final exam are NOT open-book.
- e) Questions for the final exam are taken from the entire course- including material covered during the last week of the semester!
- f) There will be a MATH Clinic in FA374 (drop-in centre) available during the afternoons from Monday to Thursday. Times of operation will be announced in class and on notices around the Department (3rd floor above the Auditorium)

6. Lecture and Test schedule

| Dates | Lectures will cover |
|-------------------------|-----------------------------------|
| September 4 | Appendix A,B,C |
| September 9,11 | Appendix D, Sections 1.1-1.3 |
| September 16, 18 | Sections 2.1, 2.2, 2.3, 2.5, 3.1 |
| September 23 | Test # 1 |
| September 25 | Sections 3.2,3.3 |
| September 30, October 2 | Sections 3.4- 3.7 |
| October 7 | Section 3.8, 3.9 |
| October 9 | Test # 2 |
| October 14, 16 | Section 4.1-4.4 |
| October 21, 23 | Sections 4.5, 4.7- 4.9 |
| October 27-31 | Fall Study week!!! |
| November 4 | Test # 3 |
| November 6 | Sections 5.1, 5.2 |
| November 11, 13 | Sections 5.3-5.5, 6.1 |
| November 18, 20 | Sections 7.1-7.5 |
| November 25 | Test # 4 |
| November 27 | Sections 7.6,7.7 |
| December 2 | Sections 7.8, Review of 2007 exam |
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Practice Problems 2008

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| Appendix A | Pages A9,A10 | 2,4,7,10,16,27,34,37,40,44,52,56 |
| Appendix B | Pages A15, A16 | 1,5,7,20,21,25,40,51,58 |
| Appendix C | Page A23 | 1,4,6,9,11,12,13,23,24,27,33,34 |
| Appendix D | Pages A32, A33 | 1,8,14,17,29,30,36,42,49,52,59,67,70,73,78,84,89 |
| Section 1.1 | Pages 20-23 | 1,7,8,12,13,16,22,24,28,37,38,40,47,48 |
| Section 1.2 | Pages 34-37 | 2,4,11,12 |
| Section 1.3 | Pages 43-45 | 3,6,7,9,13,14,32,36,37,45,46,54 |
| Section 2.1 | Page 65 | 1,2,3,5,7 |
| Section 2.2 | Pages 74-77 | 4,5,7,12,15,18,20,21,22,25,28 |
| Section 2.3 | Pages 84-86 | 3,4,7,11,12,16,18,21,24,29,35,40,46,48 |
| Section 2.5 | Pages 105-108 | 7,10,15,16,17,20,37,40,48,49 |
| Section 3.1 | Pages 119-122 | 11,14,25,26,29,31,34 |
| Section 3.2 | Pages 131-134 | 5,6,14,23,24,49 |
| Section 3.3 | Pages 144-147 | 5,6,7,8,17,18,24,26,28,42,49,57,64,77,82,90 |
| Section 3.4 | Pages 154-155 | 1,2,3,4,10,11,17,22,35,38,40,41,45,46 |
| Section 3.5 | Pages 161-164 | 1,2,7,8,12,16,18,25,29,32,33,40,43,51 |
| Section 3.6 | Pages 169-170 | 1,5,8,11,16,22,25,28,29,33,42,46 |
| Section 3.7 | Pages 179-182 | 1,3,18 |
| Section 3.8 | Pages 186-189 | 3,7,8,12,16,27,28,29,31,32 |
| Section 3.9 | Pages 193-194 | 1,2,7,8,9,11,16,17,34 |
| Section 4.1 | Pages 211-213 | 17,18,24,25,28,30,33,36,39,48,49,53,56 |
| Section 4.2 | Pages 219-220 | 1,2,6,11,13,14,17,18,24 |
| Section 4.3 | Pages 227-230 | 10,11,14,15,17,30,32,37,40 |
| Section 4.4 | Pages 240-243 | 4,9,11,12,17,20,23,43,46,47 |
| Section 4.5 | Pages 248-249 | 7,8,10,13,15,18,27,34 |
| Section 4.7 | Pages 262-268 | 6,11,17,23,30,31,33 |
| Section 4.8 | Pages 272-274 | 5,6,13,14,18,21,28,38 |
| Section 4.9 | Pages 278-281 | 1,2,3,4,9,10,13,14,24,27,30,37,53,54,58 |
| Section 5.1 | Pages 298-300 | 3,4,5,16,20 |
| Section 5.2 | Pages 310-312 | 1,2,9,17,18,25,34,36,37,39,48 |
| Section 5.3 | Pages 321-323 | 5,6,8,14,17,19,24,28,30,31,42 |
| Section 5.4 | Pages 329-332 | 1,2,7,10,11,19,23,24,28,31,33,36,38,53,55,57 |
| Section 5.5 | Pages 338-340 | 1,2,4,6,9,14,15,22,25,27,28,37,38,44,46 |
| Section 6.1 | Pages 352-353 | 1,2,3,4,9,10,14,16,17,21,32,45 |
| Section 7.1 | Pages 391-392 | 5,6,7,8,10,11,23,24,26,37,38 |
| Section 7.2 | Pages 402-404 | 7,8,9,11,25,29,31,32,37,47,49,51,61,73,74,77,80 |
| Section 7.3 | Pages 409-411 | 3,4,7,10,14,17,26,29,36,37,43,55,62 |
| Section 7.4 | Pages 419-421 | 2,3,4,9,10,12,27,35,38,41,44,47,69,70,72,86 |
| Section 7.5 | Pages 453-454 | 5,8,14,15 |
| Section 7.6 | Pages 461-462 | 1,3,7,23,24,32,34,47,59,60,64,68 |
| Section 7.7 | Pages 468-470 | 3,4,9,16,17,31,32,57,58,59,60 |
| Section 7.8 | Pages 478-481 | 7,10,11,16,17,26,32,48,55,60 |