

Math 140, Fall 2009

Text: J Stewart, Calculus - Early Transcendentals, 6th Edition

Professor: Wojciech Dorabiala, Ph.D.

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Office Hours: Monday 10am-11am

Tuesday 10am-11am

Wednesday 10am-11am

or by appointment

Prerequisites: Math 22 and Math 26; or Math 40 or Math 41. Students who do not meet one of those prerequisites may not take this class.

Midterm Examinations:

- Exam I Thursday, September 17
- Exam II Thursday, October 15
- Exam III Part 1 Monday, Nov. 9, Part 2 Wednesday, Nov. 11
- Final TBA

Final: There will be a two-hour comprehensive final during “exam week”. The time and place will be announced later.

Grading: Quizzes combined count 50 points. Each of the two exams during the semester counts 100 points, and the final exam counts 150 points. These scores translate into letter grades as follows:

Grade	Letter Grade
92%	A
90%	A-
88%	B+
82%	B
80%	B-
78%	C+
70%	C
60%	D

Your final grade in the course will be computed as a weighted average of your individual scores on the webwork, quizzes, exams and final. Each type of the grade will be weighted as follows:

- Quizzes 50 pts
- Exam I 100 pts
- Exam II 100 pts
- Exam III 100 pts
- Final 150pts

Course Syllabus: <http://math.aa.psu.edu/courses/math140.htm>

Chapters covered in class

Most of the material from Chapter 2-6.

Homework and quizzes: Homework problems will be assigned but will not be collected. It is your responsibility to do as much homework as you need to do. There will be a 10-minute quiz every Friday at the beginning of class. Your one lowest quiz score will be dropped. No make-up quizzes are allowed.

Calculators: Calculators will not be allowed on exams or quizzes. It is important that you learn to do simple calculations by hand.

Academic Integrity: I will not tolerate cheating of any sort. All cheating cases will be referred to the appropriate University offices.

Students with disability: Students with a documented disability are advised to notify both the instructor and the Disability Services Office (located in the Health and Wellness Center) to request specific arrangements and/or classroom accommodations based on the disability.

Important comment: Class attendants is expected. Reading the sections in the textbook ahead of time is recommended.

Suggested Homework Problems:

Students are expected to work independently on the following homework problems as soon as the relevant material has been covered in class.

Section 2.1: Reading assignment.

Section 2.2: 1; 5; 6 ((g)-(l)); 9; 10; 14; 18; 25; 26; 30; 34 (a); 40.

Section 2.3: 1 ((b),(d),(f)); 4; 7; 8; 10; 12; 15-29 odd; 35; 37; 39; 42; 46; 50; 58; 59; 61; 62.

Section 2.5: 3; 7; 9; 11; 17; 19; 27; 31; 35; 37; 39; 41; 42; 45; 51 (a); 55; 61; 65.

Section 2.6: 3; 7; 13; 15; 19; 21; 25; 28; 31; 33; 35; 43; 47; 58; 66; 71.

Section 2.7: 1; 3; 7; 12; 14; 17; 29; 31; 35; 45; 50; 51; 52.

Section 2.8: 21; 25; 29; 38; 45; 50 (a); 54.

Section 3.1: 5; 9-19 (odd); 23; 25; 29; 32; 35; 49; 51; 55; 59; 62; 64; 65; 67; 75; 77.

Section 3.2: 1; 3; 7; 11; 15; 17; 19; 25; 27; 31; 33; 41; 42; 43 ((a),(c)); 47 (b); 49; 50 (d); 51; 54.

Section 3.3: 1; 2; 9; 11; 17; 19; 20; 22; 29; 31; 33; 37; 39; 44; 46.

Section 3.4: 1; 5; 6; 7-23 (odd); 27-39 (odd); 42; 49; 51; 53; 59; 63; 65; 67; 70; 75; 77; 80; 89.

Section 3.5: 5-19 (odd); 23-29 (odd); 35; 40; 41; 42; 45-53 (odd); 69.

Section 3.6: 3-29 (odd); 33; 37-47 (odd); 50.

Section 3.7: Reading assignment. Problems: 2; 5; 6; 8; 11; 14; 20; 21; 22; 28; 31.

Section 3.9: 1; 3; 5; 12; 17; 20; 22; 23; 25; 31; 37; 41; 43.

Section 4.1: 3-6; 8; 10; 13; 19; 23; 24; 27; 29-43 (odd); 51-63 (odd); 70; 73; 75.

Section 4.2: 1-7 (odd); 11; 19; 23; 29; 34; 35.

Section 4.3: 1; 2; 5-8; 9-17 (odd); 22; 23; 25; 27; 30; 33-51 (odd); 64; 67; 68; 73; 75; 77; 82.

Section 4.4: 1-4; 5-21 (odd); 29; 31; 35; 39; 47; 49; 51; 55; 69; 70; 71; 73.

Section 4.5: 5; 9; 13; 17; 19; 25; 27; 31-37 (odd); 41; 43; 47; 49; 51; 56.

Section 4.7: 5; 7; 9; 13; 14; 15; 17; 25; 27; 31; 33; 37; 42; 43; 47; 63; 64; 67; 70; 72; 73.

Section 4.9: 3; 9; 13; 19; 24-45 (multiples of 3); 49; 57-63 (odd); 64; 71; 72; 74.

Section 5.1: Reading assignment. Problems: 2; 5; 12; 13; 22.

Section 5.2: 1; 2; 5; 17-19; 27; 33; 36; 39; 42; 43; 47; 51.

Section 5.3: 2; 6; 7-41 (odd); 45; 51-57 (odd); 60; 65; 70; 71; 73; 74.

Section 5.4: 3; 11; 15; 17; 21-43 (odd); 47; 49; 51; 57; 62.

Section 5.5: 3-45 (odd); 51-69 (odd); 75; 77; 81; 85.

Section 6.1: 1; 3; 6; 9; 13; 17; 21; 24; 26; 29; 45; 48; 49.

Section 6.2: 3; 5; 6; 9; 12; 15; 19-29 (odd); 33; 41; 51; 63; 67; 70.