

MATH 121-01 Course Syllabus Lagniappe 2006

Instructor: Professor Frank J. Tipler. Office: Gibson room 305. E-mail tipler@tulane.edu

Office hours: 1-2 MTW, other times by appointment

Textbook: *Calculus: Early Transcendentals, 5th edition*, by James Stewart. We will cover the first 6 chapters in MATH 121.

Location: Boggs 239, lectures on MTWR 9:30-10:45.

Grading: There will be 4 tests given on Friday, so as not to take class time. Each test will count 25%. There will be no formal final exam, but the 4th test will be cumulative, so will act as a final. The test schedule is:

First test: Friday, May 26

Second Test: Friday June 9

Third Test: Friday, June 23

Fourth Test: Friday, June 30

Homework assignments and the dates they will be due are given below. The homework will not be collected, but it is strongly advised that the student does the homework. The test problems will be very similar to the homework problems. The homework will be reviewed in class every Tuesday and Thursday.

Due Tuesday May 16

Section 1.1: 1,2,5, 8,20,52,53,57,58 Section 1.2: 3,4,9, 22

Due Thursday, May 18

Section 1.3: 3, 4,8,25,37, 40, 44, 49, 54, 55, 59, 60

Section 1.4: 21, 24

Section 1.5: 7, 8, 14, 22, 25

Section 1.6: 3 4,6,12,16, 24, 30,35, 41,53,54, 63, 70

Due Tuesday, May 23

Section 2.1: 5, 6, 8

Section 2.2: 4, 6, 9,12, 23, 22. 33, 38

Section 2.3: 1, 2, 10, 12, 48, 58, 59, 60

Section 2.5: 3, 7, 20, 35, 36. 38, 41, 42, 47, 48, 50, 60, 63

Due Thursday, May 25:

Section 2.6 3, 4, 10, 13, 15, 22, 42, 49, 51, 53

Section 2.7 5, 6,11,15 16, 19, 27, 28

Section 2.8: 3,7, 8, 11, 13, 17, 21, 25, 35, 36

Section 2.9: 4, 6, 12, 14, 37, 38, 42,46

First Test on Friday, May 26 from 9:30AM-10:45AM, on Chapters 1 and 2

Due Tuesday, May 30:

Section 3.1 1,3,23, 24, 25, 26, 32, 50 52, 54, 60, 61

Section 3.2 1, 2, 5, 10, 12, 15, 21, 31, 38

Due Thursday, June 1

3.3 7, 11, 14, 16. 21, 28, 29, 31

3.4 1, 5, 11, 16, 21, 24, 31, 35, 40, 44

3.5 7-42 (odd problems), 51, 52, 56, 60, 64

3.6 11-30 (odd problems), 41-50 (odd problems), 55, 66

Due Tuesday, June 6

3.7 17, 20, 38, 40, 50, 51, 53, 58

3.8 11-20(odd problems), 35-46(odd problems)

3.9 1, 3, 8, 17, 23 (a, c, d), 30, 34, 42

3.10 1, 2, 7, 10, 14, 16, 20, 23, 27, 34, 35

Due Thursday, June 8

4.1 1, 4, 29, 30, 35-46(odd problems), 51-62(odd problems)

4.2 4, 5, 14, 20, 23, 27, 34

4.3 1, 8, 10, 13, 14, 16, 18, 19, 24, 47, 49

4.4 8-22(odd problems), 25, 41-62(odd problems), 74, 78

Second Test, Friday, June 9 Chapter 3 and sections 4.1-4.4

Due Tuesday, June 13

4.5: 7, 18, 21, 28, 39, 48, 56, 68

4.6: 8,12

4.7 11, 16, 20, 23, 33, 35, 42, 51, 53, 54

Due Thursday, June 15

3.11: 9,10,35,40

4.9: 13,16,19, 28, 30, 32, 34

4.10 29, 36, 44, 45, 48, 59, 64, 73. 79

5.1 15, 21,26

Due Tuesday, June 20

5.2 9, 12, 17, 20, 33, 34, 47, 49, 54, 61, 62, 67, 68

6.5: 9, 10, 14

5.3: 13, 18, 33, 34, 35 42, 49, 50, 55,58

Due June 22

- 5.6 1, 2, 4
- 5.4 3,4,35, 36, 40,43,44,53, 56
- 5.5 31, 32, 33, 40,63, 64. 66. 70,84,85

Third Test Friday, June 23 on 4.5-4.10 and Chapter 5

Due June 27

- 6.1 1-4,10,20,21,24,38,45,49
- 6.2 2,6,11,17,19-36

Due June 29

- 6.3 1, 2, 21-26, 37-42
- 6.4 2, 3, 9-12,17,18,20,21, 29, 30