

FALL SEMESTER 2001

MATH 1550 (Sections 30–34, 38) Analytic Geometry and Calculus I

- Group lectures: MWF 12:40–1:30 PM, Lockett 6
- Breakaway sessions: TTh 12:10–1:30 PM
 - Section 30: Lockett 135
 - Section 31: Lockett 113
 - Section 32: Lockett 111
 - Section 33: Lockett 130
 - Section 34: Lockett 132
 - Section 38: Audubon 101

PREREQUISITE

Math 1022 or 1023 or consent of the department

TEXTBOOK

James Stewart: **Calculus**, Early Transcendentals, 4th edition, Brooks/Cole Publishing Co., 1999

COVERAGE

- Chapter 2: Limits and derivatives (2.1–2.9)
- Chapter 3: Differentiation rules (3.1–3.11)
- Chapter 4: Applications of differentiation (4.1–4.5, 4.7, 4.9, 4.10)
- Chapter 5: Integrals (5.1–5.5)
- Chapter 6: Applications of integration (6.1–6.5)
- Chapter 8: Further applications of integration (8.1, 8.2)

GRADING PROCEDURE

Lab assignments	100 pts
Exams (best 4 out of 5)	400 pts
Final exam	200 pts

Total score	700 pts
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Tentative scale	A	600–700
	B	530–599
	C	460–529
	D	390–459
	F	below 390

OFFICE HOURS

Professor H.-H. Kuo, Mon to Fri 3:40–4:30 PM, Lockett 318, 578–1610

Assistants: TTh 1:30–2:00 PM in the classrooms (see above). In addition,

- Section 30: Timothy Breitzman, M 1:30–2:30, Lockett 383
- Section 31: Khalad Qazaqzeh, MF 10:30–11:30, Lockett 345
- Section 32: Debra Czarneski, Th 2–3, Lockett 343
- Section 33: Pietro Paparella, W 10–11, Lockett 383
- Section 34: Virginia Sherwood, W 10–11, Lockett 351
- Section 38: Troels Johansen, TTh 11:30–12:30, Lockett 383

MAKE-UP EXAM POLICY

Make-up exams will be granted in case of serious illness, death of an immediate family member or university sponsored activities.

CALCULATOR USAGE IN EXAMS

No graphing calculators, but scientific calculators are OK.

WEBSITE

<http://www.math.lsu.edu/~kuo>

SUPPLEMENTAL INSTRUCTION (not yet confirmed)

Supplemental Instruction will be offered to students registered in Math 1550, Sections 30-34 and 38. Participation in the Supplemental Instruction Program is voluntary and recommended. The program is free of charge and carries no additional credits. But it is a very helpful program.

The Supplemental Instruction Assistant (not yet assigned) will be conducting three sessions per week. Times and rooms to be announced later, if confirmed.

For more information about the Supplemental Instruction Program, consult the webpage <http://www.lac.lsu.edu> or contact the SI Coordinator: Dr. Stewart, Center for Academic Success, Coates B-31, 578-6289

Schedule for Math 1550 (Sections 30–34, 38)

Fall 2001

- Week 1** Aug 27–31
2.1–2.4
- Week 2** Sept 4–7 (Sept 3 Labor Day)
2.5–2.7
- Week 3** Sept 10–14 (Exam 1: Sept 13)
2.8–2.9, 3.1
- Week 4** Sept 17–21
3.2–3.4
- Week 5** Sept 24–28
3.5–3.7
- Week 6** Oct 1–5 (Exam 2: Oct 4)
3.8–3.9
- Week 7** Oct 8–10 (Oct 11–12 Fall holiday)
3.10–3.11, 4.1
- Week 8** Oct 15–19 (Midsemester exam period)
4.2–4.4
- Week 9** Oct 22–26 (Exam 3: Oct 25)
4.5, 4.7
- Week 10** Oct 29–Nov 2
4.9–4.10, 5.1–5.2
- Week 11** Nov 5–9
5.3–5.4
- Week 12** Nov 12–16 (Exam 4: Nov 15)
5.5, 6.1
- Week 13** Nov 19–21 (Nov 22–23 Thanksgiving holiday)
6.2–6.3
- Week 14** Nov 26–30
6.4–6.5, 8.1
- Week 15** Dec 3–7 (Exam 5: Dec 4)
8.2, review for the final
- Week 16** Final Exam: Dec 15 (Sat), 12:30–2:30 PM, Lockett 6

Homework assignments for Math 1550 (Sections 33–37)

- 2.1:** 3, 5
2.2: 15, 18, 19, 20, 21, 23, 25, 27
2.3: 10, 11, 13, 15, 17, 21, 25, 35, 39, 43, 47, 48
2.4: 15, 21, 37
2.5: 16, 17, 18, 21, 23, 31, 35, 36, 39, 45, 47
2.6: 17, 19, 20, 21, 23, 27, 37, 38
2.7: 7, 8, 11, 17, 19, 25
2.8: 7, 13, 15, 19, 20, 22, 23, 33, 34
2.9: 19, 23, 25, 37, 38
• Chapter 2 Review exercises: 5, 7, 13, 15, 19, 27, 31, 35, 37
3.1: 5, 12, 15, 17, 23, 25, 43, 44, 45, 49, 50, 53
3.2: 3, 7, 13, 18, 23, 25, 28, 36, 39
3.3: 7, 8, 13, 16
3.4: 5, 9, 11, 15, 21, 33, 35, 36, 38, 39, 41, 43
3.5: 9, 11, 13, 17, 23, 27, 31, 35, 39, 43, 51, 52
3.6: 5, 11, 15, 19, 27, 36, 37, 41
3.7: 9, 12, 17, 23, 24, 29, 33, 35, 36
3.8: 3, 7, 9, 13, 17, 21, 24, 27, 29, 37, 39, 41, 44
3.9: 20, 31, 52, 53
3.10: 5, 7, 9, 22, 32, 33, 35
3.11: 15, 19, 23, 25, 27, 28, 31, 35
• Chapter 3 Review exercises: 9, 17, 27, 39, 41, 50, 57, 62, 81, 91
4.1: 17, 25, 26, 29, 33, 41, 43, 53, 55, 59, 64
4.2: 15, 16, 17, 23, 27
4.3: 11, 15, 17, 21, 25, 33, 37, 43, 47, 48
4.4: 7, 9, 15, 21, 25, 33, 36, 39, 41, 47, 49, 51, 55, 61
4.5: 5, 11, 15, 19, 23, 31, 41, 45
4.7: 17, 20, 23, 29, 31, 50
4.9: 5, 12, 13
4.10: 5, 17, 18, 21, 23, 29, 33, 40
• Chapter 4 Review exercises: 4, 9, 15, 21, 27, 51, 69
5.1: 3, 15, 19, 20
5.2: 11, 15, 17, 19, 23, 31, 32, 35, 36, 37, 38
5.3: 5, 10, 12, 13, 21, 27, 31, 37, 39, 57, 58
5.4: 9, 13, 19, 21, 23, 25, 29, 33, 35, 39, 40
5.5: 4, 7, 13, 17, 21, 24, 27, 31, 32, 35, 37, 41, 51, 59, 63
• Chapter 5 Review exercises: 3, 8, 15, 17, 23, 31, 37, 47, 67, 72
6.1: 5, 10, 15, 17, 20, 21, 25, 47
6.2: 1, 3, 5, 9, 15, 17, 31, 33, 35, 52
6.3: 5, 7, 11, 17, 19, 21, 25, 35, 38, 41
6.4: 3, 6, 13, 15
6.5: 5, 7, 14
• Chapter 6 Review exercises: 3, 5, 7, 8, 13, 15, 25, 28, 30
8.1: 7, 8, 11, 14, 17, 19, 21, 31, 33
8.2: 3, 7, 9, 13, 15, 17, 27, 29, 31, 35