

## 2006 SPRING SEMESTER

### **MATH 1553–1 (Honors)**

Analytic Geometry and Calculus II

MTWTh 9:40–10:30

Lockett 113

### **PREREQUISITE**

Math 1550 or Math 1551

### **TEXTBOOK**

J. Stewart: Calculus, Early transcendentals, 5th edition, Brooks/Cole, 2003

### **COVERAGE**

Chapter 7: 7.1–7.8 (Techniques of integration)

Chapter 8: 8.1–8.3, 8.5 (Further applications of integration)

Chapter 10: 10.1–10.6 (Parametric equations and polar coordinates)

Chapter 11: 11.1–11.12 (Infinite sequences and series)

Chapter 12: 12.1–12.7 (Vectors and the geometry of space)

Chapter 13: 13.1–13.4 (Vector functions)

Chapter 14: 14.3 (Partial derivatives)

### **GRADING PROCEDURE**

Three 100 pt exams	300 pts
Homework	50 pts
Final exam	150 pts
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Total score	500 pts

Tentative scale	A	425–500
	B	375–324
	C	325–374
	D	275–324
	F	below 275

### **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.

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