

Fall 2009

## MATH 1551-3 HONORS: Analytic Geometry and Calculus I

**Time:** Monday to Friday 1:40–2:30

**Room:** Lockett 116

### Prerequisite

Math 1022 or Math 1023 or consent of department.

### Textbook

Jon Rogawski: Multivariable Calculus, Early Transcendentals. W. H. Freeman and Co., 2008

### Coverage

- Chapter 2: Limits (2.1–2.8)
- Chapter 3: Differentiation (3.1–3.11)
- Chapter 4: Applications of the derivative (4.1–4.9)
- Chapter 5: The integral (5.1–5.8)
- Chapter 6: Applications of the integral (6.1–6.5)
- Chapter 8: Further applications of the integral (8.1–8.3)

### Grading

Homework	100 pts
Three 100-point exams	300 pts
Final exam	200 pts

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Total score	600 pts
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Tentative scale	A	510–600
	B	450–509
	C	400–449
	D	350–399
	F	below 350

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