

Spring 2013

MATH 1553-2 HONORS: Analytic Geometry and Calculus II

Time: Monday to Thursday 1:30–2:20

Room: Lockett 137

Prerequisite

Math 1050 or Math 1051

Textbook

James Stewart: Calculus, Early Transcendentals, 7E, Brooks/Cole, 2012

Coverage

- Chapter 7: Techniques of Integration (7.1–7.5, 7.7, 7.8)
- Chapter 10: Parametric Equations and Polar Coordinates (10.1–10.5)
- Chapter 11: Infinite Sequences and Series (11.1–1.11)
- Chapter 12: Vectors and the Geometry of Space (12.1–12.6)
- Chapter 13: Vector Functions (13.1–13.4)
- Chapter 14: Partial Derivatives (14.3)

Grading

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

Total score	600 pts
Extra credit	40 pts

Tentative scale	A	≥ 510
	B	450–509
	C	400–449
	D	350–399
	F	< 350

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