

Fall 2008

MATH 2057-6: Multidimensional Calculus

Time: Tuesday and Thursday 10:40–12:00

Room: Lockett 284

Prerequisite

Math 1552 or Math 1553

Textbook

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

Coverage

1. Chapter 14: Differentiation in several variables (14.1–14.8)
2. Chapter 15: Multiple integration (15.1–15.5)
3. Chapter 16: Line and surface integrals (16.1–16.5)
4. Chapter 17: Fundamental theorems of vector analysis (17.1–17.3)

Grading

Homework and quizzes	120 pts
Three 100-point exams	300 pts
Final exam	180 pts

Total score	600 pts
-------------	---------

Tentative scale	A	520–600
	B	450–519
	C	380–449
	D	300–379
	F	below 300

Professor H.-H. Kuo

Office: Lockett 318

Office hours: MW 2:00–3:00 and TTh 9:00–10:00

Telephone number: 578–1610

E-mail: kuo@math.lsu.edu

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