

# MATH 226, Calculus III (Fall 2016)

**Lecture:** (39568R) MWF 12PM, ZHS-163, Dr Haydn

**Labs:** TTh 2PM, 3PM GFS-114, Narae Lee

**Prerequisite:** Math 126 (Calculus II)

**Textbook:** *Essential Calculus*, Steward (2nd edition)

**Office hour:** MWF 2–3pm, or by appointment (ext. 4293), KAP-444D

## Course Outline

Chapter 10, Vectors and the geometry of space

Chapter 11, Partial derivatives

Chapter 12, Multiple integrals

Chapter 13, Vector calculus

## Assignments, Quizzes, Tri-terms, Exam

- (i) An Assignment will be announced at the end of each lecture listing the text sections and problems covered. The homework will be collected and graded. It constitutes 15% of the term grade.
- (ii) There will be a quiz every Tuesday or Thursday with the exception of the first week and the weeks on which there are tri-terms (see (iii)). The quizzes typically last 20 minutes and consist of two or three questions. They constitute 25% of the term grade.
- (iii) There will be two 50 minute tri-terms held during normal lecture period. Each is 15% of the term grade (and will primarily cover the material from the first and second third of the course). The dates for the tri-terms will be announced in the lectures.
- (iv) There is a final exam which will take place on Wednesday 7 December, 2–4PM. It is worth 30% of the total assessment and will be on material from the entire course (with an emphasis on the last third).