

## Syllabus Spring 2012

### MA 472G-001, Advanced Calculus II

MWF 9:00-9:50    CB 203

**Text:**            Advanced Calculus, R. Creighton Buck, 3<sup>rd</sup> Edition, McGraw-Hill

**Instructor:**    Professor D.R. Adams, Office 937 POT

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**Hours:**            TR 10:00-11:00 (or by appointment)

#### Material to be covered:

Chapters 7, 8, and 9 plus multivariable aspects skipped over in Chapters 3 and 4 in Fall 2011.

#### Exams:

There will be three one hour exams plus a final exam of 2 hours. Tentative dates for these exams are:

Feb 8 (Wed)

Mar 7 (Wed)

April 18 (Wed)

Final Exam (Thurs May 3, 10:00 a.m.)

Material for each exam will be discussed in class and the class period before the exam will be a review period

#### Homework:

Several assignments will be made in class on randomly chosen dates, and will be due generally the next class period. If you miss a class, it is your responsibility to get the homework assignment and handed in on time. Late papers will only be accepted based on a good excuse and the instructor will be a judge of what is a good excuse!

This course emphasizes proofs, and you will be expected to supply such- on homework especially and occasionally on exams. Such proofs that you are expected to know verbatim will be singled out in class for you to study and learn.

Grades:	Each exam	=	100 points
	Final exam	=	200 points
	Homework	=	about 100 points
	Total points	=	600 points (approx.)

Your grade will be based on how many of these total points you earn during the semester. Generally, your grade for the course will be:

Points	Grade
540-600	A
480-539	B
420-479	C
360-419	D
Below 360	E

Some adjustments may be made on each exam (a "curve"), but that will be determined at the time the exams are returned to the student.

Good luck!

DRA