

# Vector Calculus. Math 365 Fall 2012

**Instructor** Dr. Mark Lammers    lammersm@uncw.edu    962-3958  
250 Bear Hall                    http://people.uncw.edu/lammersm/

**Office Hours** MWF 10-11

**Text** Vector Calculus, Linear Algebra, and Differential Forms: A Unified Approach  
John Hubbard and Barbara Burke Hubbard, 4<sup>th</sup> ed

**Attendance** Regular Attendance is expected and may affect your grade.

## Student Learning Outcomes

- Have a thorough understanding of differential and integral calculus over vector fields.
- Understand and be able to apply the following theorems: inverse, implicit function, Green, Gauss and Stokes.

<b>Grading</b>	2 Tests	200 points		
	Final Exam	100 points	A $\geq$ 90%	B $\geq$ 80%,
	Homework & Quizzes	100 points	C $\geq$ 70%	D $\geq$ 60%
	Total	400 points		

The instructor reserves the right to change these percentages in the students favor and assign pluses and minuses as he deems appropriate.

**Homework** Some homework from the book will be assigned but will not be collected. The homework I will grade will be on a written sheet and handed out in class.

**ADA** If you have a disability and need reasonable accommodation in this course, you should inform the instructor of this fact in writing within the first week of class or as soon as possible. If you have not already done so, you must register with the Office of Disability Services in Depaolo Hall (ext. 3746) and obtain a copy of your Accommodations Letter. You should then meet with your instructor to make mutually agreeable arrangements based on the recommendations of the Accommodations Letter.

**Web Site** Homework and review sheets will be available at the web-site listed above.

**Religious Observance Policy** In accordance with North Carolina G.S. 116-11(3a), you are entitled to two excused absences for religious observances per academic year. In order to preserve your right to make up any tests or other work missed for religious observance required by your faith, you must inform the Registrar in writing of your intended absence before the end of the first week of class.

**Zero Tolerance Policy** UNCW practices a zero tolerance policy for violence and harassment of any kind.