Department: Mathematics

Course No: MATH 136Q

Title: Honors Calculus II

Credits: 4

Contact: Andy Haas

WQ: Q

Catalog Copy: 136Q. Honors Calculus II. Both semesters. Four credits. Prerequisite: MATH 135 or advanced placement credit for calculus (a score of 4 or 5 on the calculus AB examination or a score of 3 on the Calculus BC examination) or consent of instructor. Students cannot receive credit for MATH 136 and either MATH 114, 116, or 121. May be used in place of MATH 116 to fulfill any requirement satisfied by MATH 116. (Honors Course) The subject matter of MATH 116 in greater depth, with emphasis on the underlying mathematical concepts.

Q Criteria : The Department of Mathematics is replacing the honors sequence 120-121-220 by two sequences of honors calculus courses. The reason for this change is that the department is creating an honors program in mathematics for highly talented mathematics students seeking a rigorous program providing superior preparation for advanced work. This new program will begin with Math 243-244-245-246, which is too high powered for all but a handful of first-year students. To better serve the remaining honors students, we are introducing Math 135,136 and 230 which are honors versions of Math 115,116 and 210, respectively. In the past, Math 120-121-220 has tried to fulfill both roles. It is important for honors students who study calculus, especially those majoring in the natural sciences or mathematical sciences, to gain an understanding of the concepts underlying the subject as well as a mastery of the standard algorithms of the subject.

Role of Grad Students: N/A