Math 215-216 (Applied Calculus I and II) is intended for students who wish to take either one or two semesters of calculus and who most likely will not take any further mathematics courses. Its principal target audience is made up of students in the life sciences, as well as those in pre-health science studies. Math 215-216, in fact, are the calculus courses that students from the life sciences are advised to take by their departments. This sequence is far more concerned with displaying the applicability of calculus to "real-world" problems than is Math 205-206* (Calculus I and II). Consequently, Math 215-216 is not quite as rigorous and demands less well-developed algebra and trigonometry skills than Math 205-206.

Math 205-206 is taught under the assumption that the students taking these courses will complete the two-year calculus sequence and go on to take at least a couple of upper division mathematics courses. Its target audience consists of students in engineering, physics, mathematics, etc. It is concerned with developing an understanding of the main ideas of calculus as well as developing the requisite mathematical sophistication required for higher level mathematics courses. The approach is rigorous, meaning among other things that much attention is paid to definitions and theorems, and demands are made on the students ability to use algebra and trigonometry.

*****Math 205 will be renumbered to Math 241 in the Fall of 1999. *****
*****Math 206 will be renumbered to Math 242 in Spring 2000 *****