

**General syllabus for Math M216****5 credit hours****Textbook:** *Calculus, Early Transcendentals, 6<sup>th</sup> edition* by James Stewart**Calculators:** Most instructors allow students to use graphing calculators such as the TI-83 through TI-86 on homework, quizzes, and tests. The use of symbol manipulators such as the TI-89 and TI-92 are not allowed in this course.

<b>Chapter</b>	<b>Sections covered</b>
5. Integrals	all plus 3.11 and 4.4 (review week)
6. Applications of Integration	all, except 6.4 is considered optional
7. Techniques of Integration	all
8. Further Applications of Integration	at least 3 topics, selected by instructor
11. Infinite sequences and series	all
10 Parametric equations and polar coordinates	usually the last chapter covered, coverage determined by time available

The first week of the course is generally used for review of the material at the end of Math M215, as noted above.

Most instructors give two or three exams during the semester plus a comprehensive final exam.

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