

MATH 9C

Textbook - APEX Calculus, Version 3.0, available at

<http://www.apexcalculus.com/downloads/>

Suggested number of 50-minute lectures:

4 lectures - (8.1) Sequences.

3 lectures - (8.2) Infinite series.

2 lectures - (8.3) Integral and comparison tests.

2 lectures - (8.4) Ratio and root tests.

2 lectures - (8.5) Alternating series and absolute convergence.

2 lectures - (8.6) Power series.

2 lectures - (8.7) Taylor polynomials.

2 lectures - (8.8) Taylor series.

2 lectures - (9.2) Parametric equations.

2 lectures - (9.3) Calculus and parametric equations.

1 lecture - (9.4) Introduction to polar coordinates.

2 lectures - (9.5) Calculus and polar functions.