



Mathematics 253

Calculus II

(see Course Descriptions for the applicable academic year: <http://www.ucalgary.ca/pubs/calendar/>)

Syllabus

<u>Topics</u>	<u>Number of Hours</u>
Inverse functions, inverse trigonometric functions	5
Techniques of integration, numerical integration, improper integrals	9
Applications of integrals (area, volumes)	5
Taylor polynomials	5
Differential equations: separable, linear first and second order, constant coefficients, undetermined coefficients, variation of parameters	12
TOTAL HOURS	36

98:01:12 Effective: Winter 1998
VS.jlong
Calendar description change Fall 2001