

**Block 1: Techniques of Integration**

F, Aug 16	Intro, Gen Course Info
M, Aug 29	5.5: Subst/PS
T, Aug 30	7.1: Basic Integrals
W, Aug 31	7.2: Int by Parts
F, Sep 2	PS
M, Sep 5	7.3: Trig Int
T, Sep 6	7.5: Partial Fractions
W, Sep 7	7.5: Partial Fractions
F, Sep 9	PS/Gateway Practice
M, Sep 12	Gateway Exam
T, Sep 13	7.4 Trig Subs
W, Sep 14	Intro Maple
F, Sep 16	7.6 & 7.7 Numerical Int
M, Sep 19	7.7: Numerical Int
T, Sep 20	PS
W, Sep 21	7.8: Improper Integrals
F, Sep 23	Review
<b>M, Sep 26</b>	<b>Midterm Exam 1</b>

**Block 2: Applications of Integration**

T, Sep 27	6.1: Velocity & Net Change
W, Sep 28	6.2: Areas btw Curves
F, Sep 30	PS
M, Oct 3	6.3: Volume by Slicing
T, Oct 4	6.3: Volume by Slicing
W, Oct 5	6.4: Volume by Shells
<b>F, Oct 7</b>	<b>OCTOBER BREAK</b>
M, Oct 10	PS
T, Oct 11	6.5: Length of Curves
W, Oct 12	PS
F, Oct 14	6.8: Log & Exp Functions
M, Oct 17	6.9: Exp Models
T, Oct 18	PS
W, Oct 19	7.9: Diff Equations
F, Oct 21	Review
<b>M, Oct 24</b>	<b>Midterm Exam 2</b>

**Block 3: Sequences & Series**

T, Oct 25	8.1: Sequences & Series, Overview
W, Oct 26	PS
F, Oct 28	8.2: Sequences
M, Oct 31	8.2: Sequences
T, Nov 1	PS
W, Nov 2	8.3: Infinite Series
F, Nov 4	PS
M, Nov 7	8.4: Div & Int Tests
T, Nov 8	8.4: Div & Int Tests
W, Nov 9	PS
F, Nov 11	8.5: Ratio & Root Tests
M, Nov 14	8.5: Comp & Limit Comp Tests
T, Nov 15	8.6: AST & Gen Strategies for Testing
W, Nov 16	PS/Review
<b>F, Nov 18</b>	<b>Midterm Exam 3</b>
<b>Nov 21-25</b>	<b>THANKSGIVING BREAK</b>
M, Nov 28	9.1: Approx Functions with Polynomials
T, Nov 29	PS
W, Nov 30	9.2: Properties of Power Series
F, Dec 2	PS
M, Dec 5	9.3: Taylor Series
T, Dec 6	9.4: Working w Taylor Series
W, Dec 7	Two Remarkable Identities by Euler
F, Dec 9	PS/Review