

**Milne 8-31-2012 Autumn 2012 Semester Math 2153 Calendar**  
(3 lecture, 1 recitation)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
AUGUST 20 NO CLASS	21 NO CLASS	22 <b>12.1 to 12.3</b> Vectors in Plane to Dot Products	23	24 <b>12.3 to 12.4</b> Dot Products and Cross Products
27 <b>12.4 to 12.5</b> Cross Product to Lines and Curves in Space	28 <b>TA DOES lec 12.6</b> Calculus of Vector- Valued Functions	29 <b>12.7</b> Motion in Space	30	31 <b>12.8</b> Lengths of Curves
SEPTEMBER 3 NO CLASS	4 TA QUIZ 1	5 <b>12.9</b> Curvature and Normal Vectors	6	7 <b>13.1</b> Planes and Surfaces
10 <b>13.2</b> Graphs and Level Curves	11 TA QUIZ 2	12 <b>13.3</b> Limits and Continuity	13	14 <b>13.4</b> Partial Derivatives
17 <b>13.5</b> The Chain Rule	18 TA QUIZ 3	19 <b>13.5</b> The Chain Rule	20	21 <b>EXAM 1</b>
24 <b>13.6</b> Directional Derivatives and the Gradient	25 TA continue 13.6 lec, Go over exam 1, NO TA QUIZ	26 <b>13.7</b> Tangent Planes, Linear Approximation	27	28 <b>13.8</b> Maximum/Minimum Problems
OCTOBER 1 <b>13.8</b> Maximum/Minimum Problems, START 13.9	2 TA QUIZ 4	3 <b>13.9</b> Lagrange Multipliers	4	5 <b>14.1</b> Double Integrals over Rectangular Regions
8 <b>14.2</b> Double Integrals over General Regions	9 (1 <sup>st</sup> session ends) TA QUIZ 5	10 <b>14.3</b> Double Integrals in Polar Coordinates	11	12 (2 <sup>nd</sup> session begins) <b>14.4</b> Triple Integrals
15 <b>14.5</b> Triple Integrals in Cylindrical	16 TA QUIZ 6	17 <b>14.5</b> Triple Integrals in Spherical	18	19 <b>EXAM 2</b>

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MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
22 <b>14.6</b> Integrals for Mass Calculations	23 TA go over Exam 2 NO TA QUIZ	24 <b>14.6</b> Integrals for Mass Calcs, <b>START 14.7</b>	25	26 <b>14.7</b> Change of Variables in Multiple Integrals
29 <b>15.1</b> Vector Fields	30 TA QUIZ 7	31 <b>15.2</b> Line Integrals	NOVEMBER 1	2 <b>15.2</b> Line Integrals
5 <b>15.3</b> Conservative Vector Fields	6 TA QUIZ 8	7 <b>15.3</b> Conservative Vector Fields, <b>START 15.4</b>	8	9 <b>15.4</b> Green's Theorem
12 NO CLASS	13 TA QUIZ 9	14 <b>15.5</b> Divergence and Curl	15	16 <b>EXAM 3</b>
19 <b>15.6</b> Surface Integrals	20 TA go over Exam 3 NO TA QUIZ	21 NO CLASS	22 NO CLASS	23 NO CLASS
26 <b>15.6</b> Surface Integrals	27 TA QUIZ 10	28 <b>15.7</b> Stoke's Theorem	29	30 <b>15.8</b> Divergence Theorem
DECEMBER 3 <b>15.8</b> Divergence Theorem, REVIEW	4 (Last day of classes) TA reviews for final.	5	6 FINALS	7 FINALS
10 FINALS	11 FINALS	12 FINALS	13	14

Green days are recitation