

Tentative Syllabus
Math 203 – Calculus 3
Block 1 2002

Monday 9/2	vectors	12.1, 12.2
Tuesday 9/3	vector functions, introduction to mathe- matics	12.5, 13.1
Wednesday 9/4	dot products and cross products	12.3, 12.4
Thursday 9/5	surfaces, alternate coordinate systems	12.5, 12.6, 12.7
Friday 9/6	derivatives and integrals of vector func- tions, arc length, velocity and acceleration, first midterm given out	13.2, 13.3, 13.4
Monday 9/9	functions of two and three variables, first midterm collected	14.1, 14.2
Tuesday 9/10	partial derivatives, linear approximations	14.3, 14.4
Wednesday 9/11	directional derivatives and gradients	14.6
Thursday 9/12	functions of more variables, matrices, and the chain rule	14.4, 14.5, 14.6
Friday 9/13	maxima and minima, second midterm given out	14.7
Monday 9/16	Lagrange multipliers, second midterm collected	14.8
Tuesday 9/17	double integrals	15.1, 15.2
Wednesday 9/18	double integrals, part 2	15.3, 15.4
Thursday 9/19	triple integrals	15.7, 15.8
Friday 9/20	vector fields and line integrals	16.1, 16.2
Monday 9/23	conservative vector fields, Green's Theorem	16.3, 16.4
Tuesday 9/24	review	
Wednesday 9/25	final exam	