

## Physics 141 Schedule

Schedule of topics, exams, and assigned reading in *University Physics*:

**Week 1** Introduction: Units and vectors, Ch. 1

**Week 2** 1D motion, Ch. 2

**Week 3** 2D/3D motion, Ch. 3

**Week 4** Newton's laws, Ch. 4

**February 9** Exam 1

**Week 5** Applications of Newton's laws, Ch. 5

**Week 6** Circular motion, Ch. 3.4 and 5.4

**Week 7** Energy I, Ch. 6; Ch. 1.10

**Week 8** Energy II, Ch. 7

**Week 9** Momentum and collisions, Ch. 8

**March 23** Exam 2

**Week 10** Rotations, Ch. 9

**Week 11** Rotational dynamics, Ch. 10

**Week 12** Equilibrium, Ch. 11

**Week 13** Oscillations, Ch. 14

**Week 14** Fluids, Ch. 12

**April 20** Exam 3

**Week 15** Gravitation, Ch. 13

**Wednesday, May 9, 6:00–8:00 pm** Final Exam

Prof. Charles Stafford, Department of Physics