



Course Outline 2013-2014
Physics 122/121
Teacher: Nancy Sherrard

Curriculum:

Unit One:

Force Problems
Static Torque
Relative Motion
Collisions and Explosions in One Dimension
Elastic and Inelastic Collisions in One Dimension
Collisions and Explosions in Two Dimensions

Unit Two:

Projectiles
Circular Motion
Simple Harmonic Motion
Universal Gravitation and Gravitational Fields

Unit Three:

Electrical Fields and Coulomb's Law
Electric Circuits
Magnetic Fields
Electromagnetism and Electromagnetic Induction

Evaluation:

Assignments/Labs	30%
Tests	30%
Midterm	10%
Final Exam	30%

- Incentives – TBA
- There will be a 20% deduction for each day an assignment is late.

Materials:

Binder or Notebook
Scientific Calculator
Ruler/Protractor
Pen/Pencil

Textbook:

Physics (McGraw-Hill Ryerson)

Extra Help:

Extra help is available 12:10-12:40 and after school three days a week – specific days will be announced once my supervision day is known.