

Department of Transport, Trades and Technology  
Syllabus  
Applied Mechanics II - PN1010

**Instructor:** Mark Dombrova  
**Phone:** 539 - 2721  
**Office:** M 117  
**Office Hours:** TBA

**Course Description:** Continuation of PN1000. Emphasis is placed on thermodynamic systems.

**Class Format:** Lectures will focus on conceptual and theoretical issues involved in solving practical problems.

**Texts:** Technical Physics, Erwin Selleck; Delmar.  
Thermodynamics, William Black & James Hartley; Harper Collins.  
Thermodynamic Property Tables Booklet for use with Thermodynamics, William Black & James Hartley; Harper Collins.

**Optional Texts:** S.A.I.T. Third Class Course, Section 1, Lectures 1 - 8.  
Solutions Manual to accompany Thermodynamics, William Black & James Hartley; Harper Collins.

**Supplies:** Calculator, compass set.

<b>Grading:</b>	Assignments	10%
	Quizzes	20%
	Laboratory	10%
	Midterm	25%
	Final	35%

**Note:**

1. Late assignments will not be accepted and will receive a grade of zero.
2. To pass the course the laboratory component must be attended and completed.
3. The passing grade in this course is 65%.