



**School of Arts & Science
PHYSICS DEPARTMENT**
PHYS 116-section
AP Physics Laboratory
Semester/Year, eg, 2008W or 2008Q2

COURSE OUTLINE

The Approved Course Description is available on the web @ _____

Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.

1. Instructor Information

(a)	Instructor:	Bob Sedlock		
(b)	Office Hours:	Mon-Fri-10:30- 11:30		
(c)	Location:	F340C		
(d)	Phone:	370-3510	Alternative Phone:	
(e)	Email:	Sedlock@camosun.bc.ca		
(f)	Website:	none		

2. Intended Learning Outcomes

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Upon completion of this course the student will be able to:

1. Assemble simple experimental apparatus using written instructions.
2. Design and assemble novel experiments for original projects.
3. Observe and accurately record data and uncertainty data (position, velocity, acceleration, mass, time, temperature, voltage, etc.).
4. Organize recorded data in tabular format.
5. Display recorded data in linear graphs or charts.
6. Analyze linear graphs (determine area, slope, intercept, etc.).
7. Observe and record sources of error and estimate the range of uncertainty in results.
8. Interpret meaning of experimental results in the context of the experimental objectives.
9. Write scientific reports in an acceptable, traditional format.

3. Required Materials

- (a) Texts: Physics 116 lab manual (available at the bookstore)
- (b) Other

4. Course Content and Schedule

P116 Labs Wednesday 8AM-10AM in F316

5. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

- (a) Assignments
- (b) Quizzes
- (c) Exams
- (d) Other (e.g., Attendance, Project, Group Work) Labs 10%

6. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 ^d course attempt or at the point of course completion.)

CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.
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7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED