

	<p><b>School of Arts &amp; Science</b>  <b>HUMANITIES DEPARTMENT</b></p> <p><b>Phil 210-001</b>  <b>Introduction to Symbolic Logic</b>  <b>2007F</b></p>
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## 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:	Sandy Bannikoff		
(b)	Office Hours:	Monday, 5-6; Tues & Thurs. 12:30- 1:30; Wed. 11-12		
(c)	Location:	Young 320		
(d)	Phone:	370-3508	Alternative Phone:	
(e)	Email:	bannikof@camosun.bc.ca		
(f)	Website:			

### 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.)

At the end of the course the student will be able to:

1. Assess the validity of arguments using both Venn diagrams and truth tables.
2. Identify some of the confusion concerning the generation of scientific theories

### 3. Required Materials

Texts:

1. Simpson, R.L. Essentials of Symbolic Logic

Other

2. Course-pack: "Philosophy 210, Readings"

### 4. Course Content and Schedule

The aim of this course is to introduce students to the discipline of logic and to encourage them to think more carefully in their reading and writing. In addition, the course prepares students for further study in symbolic logic. By the end of the course, the student will have:

- 1 Understood some of the different uses of language.
- 2 Understood the difference between arguments and dispute
- 3 Gained a very elementary knowledge of symbolic sentence logic.

The course consists of two 1.5 hour lectures each week. There will be a short homework assignment given at every class. Written assignments will not be marked unless they are handed in at the beginning of the next class.

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**Weekly Schedule Caveat: This schedule is a tentative schedule.**

**Week One** Administration, General Introduction

**Week Two** Basic Concepts Philosophy 210 Readings: 1.1-1.5

**Week Three** Analysing Arguments Philosophy 210 Readings: 1.6-1.10

**Week Four** Aristotelian Logic and Set Theory Philosophy 210 Readings: Parts 4-10

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**Week Five** Venn Diagrams Philosophy 210 Readings: Parts 12-16

**Week Six** Thanksgiving and Exam One

**Week Seven** Truth Functions, Symbols, WFFs, and Translation  
Essentials of Symbolic Logic, Chapter 2 (2.1 – 2.12)

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**Week Eight** Translating Complicated Sentences, Defining Operators, and Truth Tables  
Essentials, Chapter 2 (2.14 – 2.15)

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**Week Nine** Types of Formulas and Truth Functional Equivalences  
Essentials, Chapter 2 (2.17 – 2.18)

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**Week Ten** Arguments and Translating Arguments Essentials, Chapter 2 (2.20 – 2.22)

**Week Eleven** Exam Two

**Week Twelve:** Derivations, Conjunction Introduction, Negation Introduction, and  
Disjunction Introduction Essentials, Chapter 3 (3.1—3.5)

**Week Thirteen** Horseshoe Introduction, Triplebar Introduction, and Constructing  
Derivations Essentials, Chapter 3 (3.6 – 3.9)

**Week Fourteen** Derivation Construction

5.. Basis of Student Assessment (Weighting)

1. First Exam.....25%
2. Second Exam.....25%
3. Final Exam.....25%
4. Homework .....25%

There will be three open-book exams in which the student will be able to refer to the text and notes. Each of the exams will count for 25% of the final grade, for a total of 75%.

At the end of semester all the homework grades will be sorted by grade into three groups, each containing one third of the assignments. The mean grade of the lowest group will be ignored. The mean grade of the middle group will count for 5% of the final grade. The mean grade of the highest group will count for 20% of the final grade. The homework, therefore, will count for 25% of the final grade.

## 6. Grading System

### 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](http://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 <sup>d</sup> 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.

## 7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

### Do Your Homework:

As mentioned, homework will be assigned at each class. The reason for this is that it is widely believed that this is the best way to learn logic; and whether it's the best or not, if you do all the homework, you will learn some logic. The course material is cumulative. So, it is extremely important that you keep up with your homework, and that you deal with problems and difficulties quickly when they arise. Don't think, "Oh, I'll figure it out later", because later there is something else for you to figure out.

## 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](http://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.