

	<i>School of Arts & Science</i>
	HUMANITIES DEPARTMENT
	Phil 210-001
	Introduction to Symbolic Logic
	Fall 2011

COURSE OUTLINE

The Approved Course Description is available on the web @ _____

*W 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:	Mon & Wed 2:30-3:20, and Tues & Thurs, 1-2		
(c)	Location:	Young 320		
(d)	Phone:	370-3508	Alternative Phone:	
(e)	Email:	bannikof@camosun.bc.ca		
(f)	Website:			

2. Intended Learning Outcomes

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, 3rd Edition, Broadview Press, 2008.

Other

2. Course-pack: "Philosophy 210"

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 elementary knowledge of symbolic sentence logic.
- 4 Gained practice in identifying and evaluating arguments in prose

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

Weekly Schedule (Any changes will be announced in class)

All of Chapter Three for Final Exam: 1) Syllogisms; 2) Trans & TT; 3) Derivations

Week One

Administrative Details, General Introduction to Philosophy and Arguments

Readings: 1. "The Value of Philosophy" by Bertrand Russell (1st item in coursepack)
2. Simpson (2nd Item in coursepack) Parts 1 - 3
3. Hurley, (3rd item in coursepack), read 3.1 Fallacies in General (110-112)

Week Two

Aristotelian Logic and Set Theory

Fallacies: Appeal to Force, Appeal to Pity, Appeal to the People, *Ad Hominem*

Readings: 1. Simpson, Parts 4 -7
2. Hurley, 3.2 (pg. 116-122)

Week Three

Set Theory Notation, 2-circle Venn Diagrams, Inferences

Fallacies: Accident, Straw Person, Missing the Point, Red Herring

Readings: 1. Simpson, Parts 8, 10 & 12
2. Hurley, 3.2 (pg. 122-126)

Week Four

3-Circle Venn Diagrams, Syllogisms

Fallacies in Ordinary language: Detecting Fallacies and Avoiding Fallacies

Readings: 1. Simpson, Parts 12, 14 & 15
2. Hurley, 3.5 (pg. 172-178)

Week Five

Syllogisms, Suppressed Premises;

Fallacies in Ordinary language: Detecting Fallacies and Avoiding Fallacies

Readings: 1. Simpson, Part 17
2. Hurley, 3.5 (pg. 172-178)

Week Six Thanksgiving Holiday,
Exam One, Wednesday October 13, 2010

Week Seven

Symbols, Well Formed Formulas, Simple Translation

Fallacies: Appeal to Unqualified Authority, Appeal to Ignorance, Hasty Generalization, False Cause

Readings: 1. Simpson, *Essentials of Symbolic Logic*, 2.1-2.12
2. Hurley, 3.3 (pg.131-138)

Week Eight

Translation, Truth Functional Definitions, Truth Tables;

Fallacies: Slippery Slope, Weak Analogy

Professional Arguments: Descartes' Real Distinction Argument

Readings: 1. Simpson, 2.14 – 2.15

2. Hurley, 3.3 (pg. 139-142)
3. Professional Arguments Descartes' Real Distinction Argument (in last coursepack section)

Week Nine

Types of Formulas, Arguments: Translation and Truth Tables

Fallacy: Cumulative Practice and Ordinary Language

Professional Arguments: Arnauld's Arguments Against Descartes' Real Distinction Argument

- Readings:**
1. Simpson, 2.17 – 2.23
 2. Professional Arguments: Arnauld's Objection

Week Ten

Translation, Truth-tables; Professional Arguments

Fallacies: Cumulative Practice and Ordinary Language

Professional Arguments: Descartes' Reply to Arnauld

- Readings:**
1. Simpson, 2.17 – 2.23
 2. Professional Arguments: Descartes' Reply to Arnauld

Week Eleven

Exam Two

Derivation Rules

Fallacies: Begging the Question, Complex Question

- Readings:**
1. Simpson, 3.1 – 3.9
 2. Hurley, 3.4 (pg.149-153)

Week Twelve

Derivations

Fallacies: False Dichotomy, Suppressed Evidence, Equivocation, Amphiboly
(Semi)Professional Arguments: Herodotus

- Readings:**
1. Simpson, 3.1-3.9
 2. Hurley, 3.4 (pg. 154-159)
 3. Herodotus

Week Thirteen

Derivations

Fallacies: Composition, Division

(Semi)Professional Arguments: Herodotus

- Readings:**
1. Simpson 3.1-3.9
 2. Hurley, 3.4 (pg. 159-163)
 3. Herodotus

Week Fourteen

Review for Final: Derivations

Fallacies: Cumulative Practice

Professional Arguments: John Stuart Mill

- Readings:**
1. Simpson 3.1 – 3.9
 2. Hurley, Chapter 3
 3. John Stuart Mill

5. Basis of Student Assessment (Weighting)

1. First Exam.....25%
2. Second Exam.....25%
3. Final Exam.....25%
4. Homework25%

Homework must be handed in at the beginning of the next class. **Late homework will never be accepted.** The lowest four homework grades will be discounted.

Students will be allowed to use their coursepack and text book during the exams, but no notes or other paper of any kind will be permitted. The final exam will be scheduled during the final exam period.

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 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 rd 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

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, 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.

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.

Students may not use recording devices in the classroom without the prior permission of the instructor. However, the instructor's permission is not required when the use of a recording device is sanctioned by the College's Resource Centre for Students with Disabilities in order to accommodate a student's disability and when the instructor has been provided with an instructor notification letter which specifies the use of a recording device. Recordings made in the classroom are for the student's personal use only, and distribution of recorded material is prohibited.

Communication Students are welcome to e-mail me anytime. However, please know that all of your correspondence with me is professional and not personal. This means that your messages must be (basically) grammatically correct and without the shorthand that is common online and in texting, otherwise I will neither read the e-mail nor respond.