

School of Arts & Science HUMANITIES DEPARTMENT PHIL 110-01

Logic and Critical Thinking Winter 2014

COURSE OUTLINE

The course description is online @ http://camosun.ca/learn/calendar/current/web/phil.html

Please note: the College electronically stores this outline for five (5) years only. It is strongly recommended you keep a copy of this outline with your academic records. You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Sandy Bannikoff	
(b)	Office Hours:	Mon 12 to 2; Tue & Thurs 1 to 2	
(c)	Location:	Y315F	
(d)	Phone:	250-370-3508	Alternative Phone:
(e)	Email:	bannikof@camosun.bc.ca	
(f)	Website:		

2. Intended Learning Outcomes

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

- 1. Assess the strengths and weaknesses of arguments effectively.
- 2. Write and reason with clarity and precision.
- 3. Detect bias and fallacious reasoning in arguments.
- 4. Apply basic logical principles to the evaluation of evidence and the conducting of inquiry.

3. Required Materials

Text: The Power of Critical Thinking: 2nd Canadian Edition by Lewis Vaughn and Chris MacDonald,

4. Course Content and Schedule

Note: This schedule is subject to change at the discretion of the instructor.

Week 1

Introductory

Intro: Chapter 1 & 5, Argument Basics and Fallacies

Week 2

Chapter 3: Deductive; Inductive; Valid; Invalid

Seminar

Fallacies: Genetic & Ad Hominem

Current Events

Weeks 3

Chapter 3: Arguments Patterns (formal) & Missing Premises

Seminar

Fallacies: Composition & Division

Current Events

Week 4

Chapter 3: Practice

<u>Seminar</u>

Fallacies: Equivocation & Ad Populum

Current Events

Week 5

Logic Test I: Tuesday February 4th, on Chapter 3

Chapter 7: Categorical Logic Basics

Seminar:

Fallacies: Tradition & Ignorance

Current Events

Week 6 - Tuesday class only: Reading Break Thursday

Chapter 7: 2-circle Venn Diagrams

Chapter 4: Consistency

Week 7

Chapter 7: Syllogisms & 3-circle Venn Diagrams

Chapter 4: Experts & Evidence

<u>Seminar</u>

Fallacies: Emotion

Week 8

Fallacy Test I: Tuesday February 25th

Chapter 7: Syllogisms & 3-circle Venn Diagrams

Seminar (Week 8)

Fallacies: Red Herring & Straw Person

Current Events

Week 9

Logic Test II: Tuesday March 4th, on Categorical Logic

Chapter 9: Explanation/Justification

<u>Seminar</u>

Current Events Discussion

Week 10

Chapter 9: Theory/Justification

Preparation for Critical Thinking Tests

<u>Seminar</u>

Fallacies: Begs the Question & False Dilemma

Current Events

Week 11

Critical Thinking Test I: Tuesday March 18th

Chapter 10: Science

<u>Seminar</u>

Fallacies: Slippery Slope & Hasty Generalization

Current Events

Week 12

Chapter 10: Science Chapter 11: Morality

Seminar

Fallacy: Faulty Analogy

Current Events

Week 13

Critical Thinking Test II: Tuesday April 1st

Fallacy Practice

<u>Seminar</u>

Current Events Discussion

Week 14

Fallacy Practice

Fallacy Test II: Thursday April 10th

Seminar

Current Events Discussion

5. Basis of Student Assessment (Weighting)

- 1. Logic Test I: Chapter 3 (Feb 4) 20%
- 2. Logic Test II: Chapter 7 (Mar 4) 20%
- 3. Critical Thinking Test I (Mar 18) 10%
- 4. Critical Thinking Test II (Apr 10) 10%
- 5. Fallacy Test I (Feb 25) 10%
- 6. Fallacy Test II (Apr 1) 10%
- 7. Homework: (best 7 out of 10 assignments) 20%

6. Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalenc
			У
90-100	A+		9
85-89	Α		8
80-84	A-		7
77-79	B+		6
73-76	В		5
70-72	B-		4
65-69	C+		3
60-64	С		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	Incomplete: 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	In progress: 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	Compulsory Withdrawal: 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

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 the College web site in the Policy Section.