

# School of Arts & Science HUMANITIES DEPARTMENT PHIL 110 Logic and Critical Thinking

Quarter 1/Fall 2009 (Sep-Dec)

#### **Instructor Information**

Instructor: Dr. Justine Noel

Office Hours: Tues., 10:30-11:30 am, Wed., 1:30-2:30 pm,

Thurs., 10:30-11:30 am, Fri., 12:30-2:30 pm

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#### **Intended Learning Outcomes:**

By the end of this course the student should be able to

- a) identify structural weaknesses in arguments,
- b) recognize fallacious reasoning patterns and invalid argument forms,
- c) detect biases and hidden assumptions in statements,
- d) present two sides of a case in a fair manner, critically evaluate each side, and then provide philosophical justification for conclusions, and
- e) construct logical and convincing arguments. The student should also be able to demonstrate how critical thinking skills are applied to ethical issues in policing and corrections.

#### **Course Schedule:**

Lectures: Tuesdays: 12:30-1:20 pm (WT-101)

Thursdays: 12:30-1:20 pm (F-338)
Seminars: Group A: Tuesdays: 1:30-2:20 pm (WT-101)
Group B: Thursdays: 1:30-2:20 pm (F-338)

#### **Course Requirements:**

Test 1: 25% Test 2: 25%

Test 3: final exam period: 35%

Seminar attendance/participation/exercises: 15%

Text: The Power of Critical Thinking, Lewis Vaughn and Chris MacDonald, Cdn. Ed.

# Reading Assignments

Week 1: The Power of Critical Thinking

09/08 Introduction 09/10 p. 2-20

Week 2: The Environment of Critical Thinking

09/15 p. 33-42 09/17 p. 43-51

Week 3: Making Sense of Arguments

09/22 p. 65-75 09/24 p. 85-90

Week 4: Reasons for Belief and Doubt

09/29 p. 122-140 10/01 p. 141-156

Week 5: Review

10/06 Review for test #1

#### 10/08 TEST #1

# Week 6: Faulty Reasoning and Fallacies

10/13 p.170-180 10/15 p. 181-194

#### Week 7: Fallacies Continued

10/20 class handout10/22 class handout

#### Week 8: Deductive Reasoning

10/27 p. 210-221

10/29 p. 224-234, 288-289

#### Week 9: Inductive Reasoning

11/03 p. 277-290 11/05 p. 294-300

#### Week 10: Review

11/10 Review for test #2

11/12 **TEST #2** 

# Week 11: Inference to the Best Explanation

11/17 p. 332-340, 344-359 11/19 p. 361-368, 372-373

## Week 12: Judging Scientific Theories

11/24 p. 378-388 11/26 p. 389-397

## Week 13: Judging Scientific Theories cont.

12/01 p. 402-416 12/03 p. 417-422

# Week 14: Judging Moral Arguments and Theories

12/08 p. 433-440, 441-450 12/10 Review for final exam

Policy on missed tests: make-up tests will be permitted only in cases of illness or personal crisis. A make-up test will not be scheduled until proper documentation is provided.

Cell phones: students are not permitted to use cell phones in class. Laptop computers: may be used for note taking only - watching sports, videos, shows etc., playing music, online chatting, doing email and so on is not permitted in class.

# Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
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 <sup>rd</sup> 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.		

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 <a href="mailto:camosun.ca">camosun.ca</a>.

#### 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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED