



School of Arts & Science  
*Humanities*

**Philosophy 110-02: Logic and Critical Thinking**

**COURSE OUTLINE - Winter, 2014**

Instructor	Dr. Justine Noel		
Office Hours	Tuesdays and Thursdays, 1:30 pm -2:30 pm, Wednesdays, 10:30 am – 11:30 am, Fridays, 10:30 am – 12:30 pm		
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**Intended Learning Outcomes:**

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.

**Course Schedule:**

**Lectures:** Tuesdays, 2:30 pm - 3:20 pm (Y-325)

Thursdays, 2:30 pm - 3:20 pm (Y-325)

**Seminars:** Group A: Tuesdays, 3:30 pm - 4:20 pm (Y-325)

Group B: Thursdays, 3:30 pm - 4:20 pm (Y-325)

**Course Requirements:**

Test 1: 30%

Test 2: 30%

Test 3, final exam period: 30%, TBA

Seminar: 10%

**Text: The Power of Critical Thinking**, Lewis Vaughn and Chris MacDonald, 2nd Cdn. Ed.

## Reading Assignments

### **Week 1: The Power of Critical Thinking**

01/7 Introduction

01/9 p. 2-20

### **Week 2: The Environment of Critical Thinking**

01/14 p. 34-42

01/16 p. 43-51

### **Week 3: Making Sense of Arguments**

01/21 p. 65-74

01/23 p. 84-89

### **Week 4: Reasons for Belief and Doubt**

01/28 p. 122-139

01/30 p. 140-155, review

### **Week 5: Faulty Reasoning and Fallacies**

02/4 **TEST #1**

02/6 p. 168-174

### **Week 6: Faulty Reasoning and Fallacies cont.**

02/11 p. 175-181, p. 182-191

02/13 no class, reading break

### **Week 7: Deductive Reasoning**

02/18 p. 206-217

02/20 p. 220-230, 233-234

### **Week 8: Inductive Reasoning**

02/25 p. 270-278

02/27 p. 291-297

### **Week 9: Inference to the Best Explanation**

03/4 p. 332-340

03/6 p. 345-359

### **Week 10: Inference to the Best Explanation cont.**

03/11 p. 360-366, 369-370, review

03/13 **TEST #2**

### **Week 11: Judging Scientific Theories**

03/18 p. 375-381

03/20 p. 382-386

**Week 12: Judging Scientific Theories cont.**

03/25 p. 396-407

03/27 p. 408-414

**Week 13: Judging Moral Arguments and Theories**

04/1 p. 425-432

04/3 p. 433-436

**Week 14: Judging Moral Arguments and Theories cont.**

04/8 p. 437-441

04/10 Review for final exam

**Grading System:**

The following percentage conversion to letter grade will be used:

A+	90-100%
A	85-89%
A-	80-84%
B+	77-79%
B	73-76%
B-	70-72%
C+	65-69%
C	60-64%
D	50-59%
F	0-49%

*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.*