

**Introduction to Logic - Spring 2023**  
Spring C (Jan. 9 – May 5)

**I. Course Information**

Course Title: Introduction to Logic

Course No. and Section: 1100-70

Credit Hours: 3

Instructor Name: Patrick Bailey

Office Location: online/Canvas

Hours: Mon./Wed., 1:00 pm – 2:00 pm

Office Hours: Mon. 12:00 pm – 1:00 pm

Class Location: online

Telephone No.: 352-235-9394

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Extended Emergency Closure.

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**II. Course Description**

**Introduction to Logic** is usually understood as the analysis, evaluation and improvement of real life argument. Contributions to informal logic often address specific aspects of scientific, legal, and other specialized instances of reasoning, but the overriding aim has been a general account of argument that can be used to explain and evaluate it in contexts of reflection, inquiry, social and political discussion, news, corporate and institutional communication, and interpersonal exchange.

In developing an account of argument, informal logicians have studied inference and a broad range of other relevant topics. The latter include, to take only a few examples: competing accounts of the nature of argument; criteria for argument evaluation; argument schemes; fallacies; deductive, inductive, and conductive models of inference; burden of proof; cognitive biases.

Required Text – Title: *Concise Guide to Critical Thinking*

Author of Text: Vaughn, Lewis

Edition: 2020 (2nd)

Publisher: Oxford University Press

ISBN No.: 9780197535790

*Note: Students will also be responsible for additional material that will be distributed online.*

Required Materials: internet access and textbook      Optional Materials: nil

### III. Student Learning Outcomes/Course Objectives

Learning Outcome	Quiz	Exam	Project	Classroom Activity
<b>Communication: The student will read and write effectively.</b>				
1. Read materials and effectively understand essential facts and concepts.	X	X		X
2. Global Socio-Cultural Responsibility: The student will be an informed and responsible citizen in social, cultural, and global matters.	X	X		X
3. Demonstrate an understanding of the values and expressions of other cultures that arise from human experience.		X		X
4. Recognize complex cultural and political forces that create societies as well as how these forces shape personal identity.		X		X
<b>Computer &amp; Information Skills: The student will be able to evaluate the importance of technology and its applications.</b>				
1. Organize data using appropriate electronic media.				X
2. Access, research, and retrieve information using the Internet.				X

### IV. Assessment

**Tests and Final Exam:** There are no tests for this course, including no Final Exam. However, all students enrolled in traditional campus courses are required by the college to meet during the scheduled final exam time, and a final assignment will be completed at that time. There is no official final exam time for online courses. For online courses, a course announcement will be posted to outline specific details about the schedule and whatever coursework will be due during final exam week, if any.

**Assessments:** There are assessments given to review course content on a regular basis. These are based on the content in the text and account for most of the overall semester grade (see below for actual percentage). Assessments are delivered online and include multiple-choice, true/false, etc., but can also include various student projects. Late work: see Make-up policy (below)

**Participation:** Participation is based on the overall number of assignments completed for the semester.

**Grading scale:** A 100-90 B+ 87-89 B 80-86 C+ 77-79 C 70-76 D 60-69 F 59 and Below

**Make-up policy:** There is no makeup or late work for weekly assignments without some sort of verifiable documentation. An emailed excuse does not constitute documentation. Examples of “verifiable documentation” are signed doctors notes on a company letter head with contact information, police reports, dated computer repair bills, emails directly from Internet Service Provider support email addresses, etc.

**Grading procedures:**

- Module Assessments = 300 points
- Unit Reviews = 120 points
- Other = 80 points
- Participation = 80 points

## V. Course Schedule/Outline

### PHI1100 COURSE SCHEDULE:

Date	Topic	Content	Text Readings
Wk 1: 1/09	Course Intro Introduction: Fundamentals of Philosophy	Getting Started Introduction Module 1	n/a online
Wk 2: 1/16	Introduction: Greek Philosophy	Introduction Module 2	online
Wk 3: 1/23	1. Critical Thinking, Facts, & Feelings	Unit 1, Module 1	Chapter 1
Wk 4: 1/30	2. Obstacles to Critical Thinking	Unit 1, Module 2	Chapter 2
Wk 5: 2/06	3. Identifying & Evaluating Arguments	Unit 1, Module 3	Chapter 3
Wk 6: 2/13	<i>Unit Review 01</i>	<i>Modules 1 - 3</i>	n/a
Wk 7: 2/20	4. Deductive Argument Patterns 5. Inductive Arguments & Statistics	Unit 2, Module 4 Unit 2, Module 5	Chapter 4 Chapter 5
Wk 8: 2/27	6. Evidence & Experts	Unit 2, Module 6	Chapter 6
Wk 9: 3/06	7. Causal Arguments	Unit 3, Module 7	Chapter 9
Wk 10: 3/13	SPRING BREAK		
Wk 11: 3/20	<i>Unit Review 02</i>	<i>Modules 4 - 7</i>	n/a
Wk 12: 3/27	8. Inference to the Best Explanation	Unit 3, Module 8	Chapter 10
Wk 13: 4/03	9. Judging Scientific Theories	Unit 3, Module 9	Chapter 11
Wk 14: 4/10	10. Fallacies & Persuaders	Unit 3, Module 10	Chapter 12
Wk 15: 4/17	11. Critical Thinking in Morality	Unit 3, Module 11	Chapter 13
Wk 16: 4/24	<i>Unit Review 03</i>	<i>Modules 8 - 11</i>	n/a
Wk 17: 5/01	<i>Final Exam Week</i>		

Note: the course schedule is always subject to change based on unforeseen events during the semester. The above schedule is tentative but will remain fixed until deemed necessary to modify for the improvement of the ongoing assignment schedule.