

Introduction to Logic - Summer 2023
Summer B (June 26 – August 7)

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

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Extended Emergency Closure.

“For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website www.CF.edu.”

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
Communication: The student will read and write effectively.				
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
Computer & Information Skills: The student will be able to evaluate the importance of technology and its applications.				
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 = participation
- Unit Reviews = 60 points
- Other = 50 points
- Participation = 40 points

V. Course Schedule/Outline

PHI1100 COURSE SCHEDULE:

Date	Topic	Content	Text Readings
Wk 1: 6/26	Course Intro 1. Critical Thinking, Facts, & Feelings 2. Obstacles to Critical Thinking	Unit 1, Module 1 Unit 1, Module 2	Chapter 1 Chapter 2
Wk 2: 7/03	3. Identifying & Evaluating Arguments 4. Deductive Argument Patterns	Unit 1, Module 3 Unit 2, Module 4	Chapter 3 Chapter 4
Wk 3: 7/10	5. Inductive Arguments & Statistics 6. Evidence & Experts <i>Unit Review 01</i>	Unit 2, Module 5 Unit 2, Module 6 <i>Modules 1 - 3</i>	Chapter 5 Chapter 6
Wk 4: 7/17	7. Causal Arguments 8. Inference to the Best Explanation <i>Unit Review 02</i>	Unit 3, Module 7 Unit 3, Module 8 <i>Modules 4 - 7</i>	Chapter 9 Chapter 10
Wk 5: 7/24	9. Judging Scientific Theories 10. Fallacies & Persuaders	Unit 3, Module 9 Unit 3, Module 10	Chapter 11 Chapter 12
Wk 6: 7/31	<i>Unit Review 03</i>	<i>Modules 8 - 10</i>	n/a
Wk 7: 8/7	Final Exams		

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.