

CRN 10107

MWF 1:00-1:50

Irby Hall 307

Instructor: Dr. Gary Thiher Irby Hall 118H Phone: Off. -- 450-5593, Home -- 501-223-2591 E-Mail -- [gthiher@uca.edu](mailto:gthiher@uca.edu)  
Office Hours: 2:30 -- 6:00. Or, by appointment. Or, just drop by; I'm usually available.

Textbook: A Concise Introduction to Logic (NINTH EDITION) By Patrick J. Hurley

This **course aims** to give you a thorough introduction to logic [Wow! Big surprise, huh?] Logic is the study of implication – or of proof, or of entailment. That is, it studies what kinds of evidence proves or implies what kinds of conclusions. We will cover both of the main divisions of logic. After certain preliminaries, we will delve rather deeply into deductive logic – the logic of absolute proof. This will include the basics of the modern system of symbolic logic. Then we will cover a variety of types of inductive logic – the logic of probabilistic proof. This will include arguments based on analogies, samples and statistics, as well as evidence of causal relations and the basic logic of scientific method.

**Grade:** Your grade will be determined by five homework assignments worth 100 points each, two mid-term exams worth 150 points each and a final exam worth 200 points – for a total of 1000 possible points. 900+ = A, 800+ = B, etc.

**Attendance:** I will call the roll frequently. You will be allowed three recorded absences without penalty. For each additional absence, ten points will be subtracted from your grade.

**Academic Integrity:** UCA affirms its commitment to academic integrity and expects all members of the academic community to accept a shared responsibility for maintaining academic integrity. Students in this course are subject to the provisions of the university's Academic Integrity Policy – published in the Student Handbook. Penalties for academic misconduct in this course may include a failing grade on the assignment, a failing grade in the course, or any other course-related sanction the instructor determines to be appropriate. Continued enrollment in this course affirms a student's acceptance of this university policy.

**Americans with Disabilities Act:** UCA adheres to the requirements of the Act. If you need accommodations under it, contact the Office of Disability Services at 450-3613.

**An Emergency Procedures Summary (EPS)** for the building in which this class is held will be discussed during the first week of the course. EPS documents for most buildings on campus are available at <http://uca.edu/mysafety/bep/>. Every student should be familiar with emergency procedures for any campus building in which he/she spends time for classes or other purposes.

If a student discloses an act of sexual harassment, discrimination, assault or other sexual misconduct to a faculty member, the faculty member cannot maintain complete confidentiality and is required to report the act and may be required to reveal the names of the parties involved. Any allegations made by a student may or may not trigger an investigation. Each situation differs and the obligation to conduct an investigation will depend upon those specific set of circumstances. The determination to conduct an investigation will be made by the Title IX Coordinator. For further information, please visit <http://uca.edu/titleix>.

**Course Schedule:** You should complete the reading assignments by the date on which that chapter is noted. Blank dates between these will be discussions of that Ch.

Aug	21 – Intro		
	24 – Chapter 1 -- Basics	Nov	02
	26		04
	28 – <b>H.W. # 1</b>		06
	31 – Ch. 2 -- Definition		09
Sep	02		11
	04 – <b>H.W. # 2</b>		13 – <b>H.W. # 5</b>
	07 – Labor Day		16
	09 – Ch. 6 – Propositional Logic		18
	11		20
	14		23
	16		25 -- Thanksgiving
	18		27 “
	21 – <b>H.W. # 3</b>		30 Ch. 3 -- Fallacies
	23	Dec	02
	25 – <b>Exam 1</b>		04 – Study Day (No Class)
	28 – Ch. 7 – Natural Deduction		
	30		
Oct	02		
	05		
	07		<b>Final Exam: Mon, Dec 7, 11:00-1:00.</b>
	09		
	12		
	14 – Ch. 8 – Predicate Logic		
	16 – <b>H.W. # 4</b>		
	19		
	21 – <b>Exam 2</b>		
	23 – Fall Break		
	26 – Ch. 9 -- Induction		
	28		
	30		