

Introductory Logic Course

course number here

John M. DePoe, course instructor
office room number here

office hours here
e-mail here; office phone here

<u>Assignments</u>	<u>Grade Scale</u>												
	<i>(Grade scale is subject to revisions that will <u>improve</u> students' grades)</i>												
Exam #1: 20%	F	D-	D	D+	C-	C	C+	B-	B	B+	A-	A	A+
Exam #2: 25%	0-	61-	64-	67-	70-	73-	77-	80-	84-	88-	91-	94-	97-
Exam #3: 25%	60	63	66	69	72	76	79	83	87	90	93	96	100
Final Exam: 30%													

Required Texts

Patrick Hurley, *A Concise Introduction to Logic*, 10th ed. (Belmont, CA: Wadsworth, 2008).

Course Description

In this course, students will be taught the basic concepts, principles, and skills of logic. Both the form and the content of rational discourse will be emphasized. Students will be equipped with the resources to think critically. For example, students will learn the difference between deductive and inductive reasoning, how to assess whether an argument is valid, sound, or strong. The course will cover introductory logic for both categorical and propositional logic. Students will learn basic techniques for both Venn diagrams and truth tables in evaluating arguments. Formal and informal fallacies in reasoning will be covered as well.

Exams

Three regular exams will be given in class. These exams will not be comprehensive in nature. However, a comprehensive final exam will be given at the end of the course during the assigned final exam date and time. Reviews for the exams will be given in class where students will be given an idea of what to expect on the exams. The first exam will count as 20% of students' overall grade; the second and third exams will each be worth 25% of students' overall grade. The final exam is comprehensive and will be worth 30% of students' overall grade.

Attendance & Homework

No grade will be given for homework assignments or attendance. However, given that much of this course involves students acquiring a skill with logical concepts, it is important for students to attend class regularly and perform all homework assignments. Students who fail to attend class or perform the homework will undoubtedly do poorly on the exams. Answers for the homework assignments will be posted online and students are encouraged to bring questions about homework assignments to the instructor during appropriate parts of class and office hours.

Tentative Class Schedule

Basic Concepts

W1 Mon Intro/Syllabus

W1 Wed Ch. 1.1

W1 Fri HW 1.1; Ch. 1.2-1.3

W2 Mon HW 1.2-1.3; Ch. 1.4

W2 Wed HW 1.4; Ch. 1.5

W2 Fri Chapter 1 Review

W3 Mon Test #1

W3 Wed Review Test #1; Ch. 4.1

W3 Fri HW 4.1; Ch. 4.2-4.3

Categorical Propositions

W4 Mon HW 4.2-4.3; Ch. 4.4

W4 Wed HW 4.4; Ch. 4.5

W4 Fri HW 4.5; Ch. 4.6

Categorical Syllogisms

W5 Mon HW 4.6; Review Chapter 4

W5 Wed Ch. 5.1

W5 Fri HW 5.1; Ch. 5.2

W6 Mon HW 5.2; Ch. 5.3

W6 Wed HW 5.3; Review Chapters 4-5

W6 Fri Test #2

Propositional Logic

W7 Mon Review Test #2; Ch. 6.1

W7 Wed HW 6.1; Ch. 6.2

W7 Fri HW 6.2; Ch. 6.3

W8 Mon HW 6.3; Ch. 6.4

W8 Wed HW 6.4; Ch. 6.5

W8 Fri HW 6.5; Ch. 6.6

Natural Deduction

W9 Mon HW 6.6; Review Chapter 6

W9 Wed Ch. 7.1

W9 Fri HW 7.1; Ch. 7.2

W10 Mon HW 7.2; Ch. 7.3

W10 Wed HW 7.3

W10 Fri Ch. 7.4

W11 Mon HW 7.4

W11 Wed Ch. 7.5

W11 Fri HW 7.5; Ch. 7.6

W12 Mon HW 7.6

W12 Wed Review Chapters 6-7

W12 Fri Test #3

Informal Fallacies

W13 Mon Review Test #3

W13 Wed Ch. 3.1

W13 Fri HW 3.1; Ch. 3.2

W14 Mon HW 3.2; Ch. 3.3

W14 Wed HW 3.3; Ch. 3.4

W14 Fri HW 3.4; Ch. 3.5

W15 Mon Review Chapter 3

W15 Wed Review Chapters 1, 4, 5

W15 Fri Review Chapters 6, 7

Final Exam