

New Orleans Baptist Theological Seminary
Logic: *PHIL6303*
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Seminary Mission Statement

The mission of New Orleans Baptist Theological Seminary is to equip leaders to fulfill the Great Commission and the Great Commandments through the local church and its ministries.

Course Description

The course introduces students to basic principles of logic and critical thinking and how to apply them as part of a Christian intellectual life. Attention will be given to the use of logic in biblical interpretation, theological construction, philosophical explanation, and apologetic and evangelistic presentation.

Core Value Focus and Curriculum Competencies

The seminary has five core values. The core value focus for 2015-2016 is *Mission Focus*. This course supports the five core values of the seminary.

- *Doctrinal Integrity*: Knowing that the Bible is the Word of God, we believe it, teach it, proclaim it, and submit to it. Our confessional commitments are outlined in the “Articles of Religious Belief” and the “Baptist Faith and Message 2000.”

- *Spiritual Vitality*: We are a worshiping community emphasizing both personal spirituality and gathering together as a Seminary family for the praise and adoration of God and instruction in His Word.

- *Mission Focus*: We are not here merely to get an education or to give one. We are here to change the world by fulfilling the Great Commission and the Great Commandments through the local church and its ministries.

- *Characteristic Excellence*: What we do, we do to the utmost of our abilities and resources as a testimony to the glory of our Lord and Savior Jesus Christ.

- *Servant Leadership*: We follow the model of Jesus and exert leadership and influence through the nurture and encouragement of those around us.

The seminary has seven curriculum competencies: Biblical Exposition, Christian Theological Heritage, Discipleship Making, Interpersonal Skills, Servant Leadership, Spiritual and Character Formation, and Worship Leadership. This course addresses all curriculum competencies.

Netiquette: Appropriate Online Behavior

Each student is expected to demonstrate appropriate Christian behavior when working online on the Discussion Board. The student is expected to interact with other students in a fashion that will promote learning and respect for the opinions of others in the course. A spirit of Christian charity is expected at all times in the online environment.

Academic Honesty Policy

All graduate and undergraduate NOBTS students, whether on-campus, internet, or extension center students, are expected to adhere to the highest Christian standard of honesty and integrity when completing academic assignments for all courses in every delivery system format. The Bible provides our standard for academic integrity and honesty. This standard applies whether a student is taking tests, quizzes, exams, writing papers, completing Discussion Boards, or any other course requirement.

Student Learning Outcomes:

1. Students will be introduced to the basic principles of logic by completing class units.
2. Students will be introduced to the basic principles of logic by reading the primary text and working through numerous homework examples.
3. Students will demonstrate an understanding of basic principles of logic when tested through quizzes and exams.
4. Students will demonstrate an understanding of basic principles of logic by identifying valid and invalid arguments as well as logical fallacies they encounter through reading and watching television, movies, etc.

Course Teaching Methodology

The course will utilize instructional videos, reading assignments, practical exercises in logic, and quizzes/exams.

Web-Based Learning Statement

Web-based courses are, by nature, a different kind of learning experience than courses taught in the traditional classroom. Because of this structure, this web-based course is more reading and writing intensive than traditional classroom courses. Rigorous study of the deep things of God can be a rewarding experience for anyone who participates in it, but it also calls for extra diligence and integrity in completing the work. This reality does not mean that a web-based course cannot be successful in equipping you, the student, for effective, God-honoring ministry. It simply means utilizing a different strategy. Internet courses allow room for independent learners to thrive—to work at a responsible pace, to engage in student-led discussions, and to take ownership of the learning of course content. Note that your instructors are praying for your success.

Tech Assistance Contacts:

Selfserve@nobts.edu - Email for technical questions/support requests with the Selfserve.nobts.edu site (Access to online registration, financial account, online transcript, etc.)

BlackboardHelpDesk@nobts.edu - Email for technical questions/support requests with the NOBTS Blackboard Learning Management System NOBTS.Blackboard.com.

ITCSupport@nobts.edu - Email for general technical questions/support requests.

504.816.8180 - Call for any technical questions/support requests.

www.NOBTS.edu/itc/ - General NOBTS technical help information is provided on this website.

Grading

Grades will be assigned on the basis of the NOBTS grading scale.

Evaluation

Quiz average	20%
Homework average	20%
Midterm exam	25%
Final exam	25%
<u>Fallacy Journal</u>	<u>10%</u>
	100%

Texts

REQUIRED

Layman, C. Stephen. *The Power of Logic*, 3rd ed. New York: McGraw-Hill, 2005.

Assignments

1. Quizzes:

- a. Quizzes are based solely on the reading assignment for each unit. They are closed notes and textbook. Students have 20 minutes to take each quiz. The quiz will not auto-submit, but student will be docked points for going over time limit.

Course Outline

COURSE INTRODUCTION	
<i>Topic</i>	<i>Why Study Logic and Critical Thinking</i>
Exercise Assignment	Discussion Group Entry Bio

UNIT ONE: Due August 28th, 11:59pm	
<i>Topic</i>	<i>Basic Concepts</i> What Is an Argument? Validity and Soundness Forms and Counterexamples Well-Known Forms Strength and Cogency
Reading Assignment	Chapter 1
Exercise Assignment	Exercises: 1.1 Part A even, 1.1 Part B, non-asterisk, 1.1 Part C even, 1.1 Part D even of 1-10, 1.2 even of 1-10, 1.3 Part A even, 1.4 Part B all, 1.4 Part C odd of 1-10, and 1.4 Part D odd
Quiz	Quiz 1

UNIT TWO: Due Sept 4th, 11:59pm	
<i>Topic</i>	<p><i>Identifying Arguments</i> Arguments and Non-arguments Well-Crafted Arguments</p> <p><i>Logic and Language</i> Logic, Meaning, Emotive Force Definitions Using Definitions in Evaluating Arguments</p>
Reading Assignment	Chapter 2 and 3
Exercise Assignment	Do Exercises: 2.1 A: 1-10 odd, 2.1 B: odd, 2.2 A 1-5, 3.2 A 1-15, 3.2 B all, 3.3 A 1-5, and 3.3 C 1-5
Quiz	Quiz 2

UNIT THREE: Due Sept 11th, 11:59pm	
<i>Topic</i>	<p><i>Informal Fallacies</i> Fallacies of Reference Fallacies of Ambiguity Fallacies of Unwarranted Assumptions</p>
Reading Assignment	Read Chapter 4
Exercise Assignment	Do Exercises 4.1–4.3 Part As: 1-10
Quiz	Quiz 3

UNIT FOUR: Due Sept 18th, 11:59pm	
<i>Topic</i>	<i>Statement Logic: Truth Tables</i> Symbolizing English Arguments
Reading Assignment	Read Chapter 7.1
Exercise Assignment	Do Exercises: 7.1 A even, 7.1 C: all, 7.1 D even

UNIT FIVE: Due September 25th, 11:59pm	
<i>Topic</i>	<i>Statement Logic: Truth Tables</i> Truth Tables
Reading Assignment	Read Chapter 7.2
Exercise Assignment	Do Exercises: 7.2 A all, 7.2 B 1-10, and 7.2 C all
Quiz	Quiz 4

UNIT SIX: Due October 2nd, 11:59pm	
<i>Topic</i>	<i>Statement Logic: Truth Tables, continued...</i> Using Truth Tables to Evaluate Arguments
Reading Assignment	Read Chapter 7.3

Exercise Assignment	7.3 A even, 7.3 B 15-20, and 7.3 C 1-5
Quiz	Quiz 5

UNIT SEVEN: Due October 9th, 11:59pm	
<i>Topic</i>	<i>Truth Tables, continued.....</i> Abbreviated Truth Tables
Reading Assignment	Read Chapter 7.4
Exercise Assignment	Do Exercises: 7.4 A even, 7.4 C: all, 7.4 D 1-5,

UNIT EIGHT: October 16th, 11:59pm	
<i>Topic</i>	<i>Truth Tables, continued.....</i> Tautology, Contradiction, Contingency, and Logical Equivalence
Reading Assignment	Read Chapter 7.5
Exercise Assignment	Do Exercises: 7.5 A 1-14 even, 7.5 B even, and 7.5 C even
Quiz	Quiz 6

FALL BREAK October 19th - 23rd: Enjoy!

UNIT NINE: EXAM 1 Due October 30th, 11:59m	
<i>Topic</i>	MIDTERM

UNIT TEN: Due November 6th, 11:59	
<i>Topic</i>	<i>Statement Logic: Proofs</i> <i>Implication Rules of Inference</i>
Reading Assignment	Read Chapter 8.1
Exercise Assignment	Do Exercises 8.1 even of A, B, and C. 8.1 D 1-20 even 8.1 E #1
Quiz	Quiz 7

UNIT ELEVEN: Due November 13th, 11:59	
<i>Topic</i>	<i>Statement Logic: Proofs</i> Five Equivalence Rules
Reading Assignment	Read Chapter 8.2
Exercise Assignment	Do Exercises 8.2 A even, C 1-10, D 1-5
Quiz	Quiz 8

UNIT TWELVE: Due November 20th, 11:59pm	
<i>Topic</i>	<i>Statement Logic: Proofs, continued....</i> Five More Equivalence Rules
Reading Assignment	Read Chapter 8.3
Exercise Assignment	Do Exercises: 8.3 A 1-10 even, C 1-10, D 1-5, and E #2 and 9
Quiz	Quiz 9

Thanksgiving Break November 23rd - 27th: Enjoy!

UNIT THIRTEEN: Due Dec 4th, 11:59pm	
<i>Topic</i>	<i>Statement Logic: Proofs, continued....</i> Conditional Proof
Reading Assignment	Read Chapter 8.4
Exercise Assignment	Do Exercises 8.4 A 1-20 even, B #4, C #5

UNIT FOURTEEN: Dec 11th, 11:59 pm	
<i>Topic</i>	<i>Statement Logic: Proofs, continued....</i> Reductio ad Absurdum
Reading Assignment	Read Chapter 8.5
Exercise Assignment	Do Exercises 8.5 A 1-20 even, D #3

UNIT FIFTEEN: EXAM 2: Due Dec 17th, 11:59pm	
<i>Topic</i>	FINAL

Selected Bibliography

- Barnet, Sylvan and Hugo Bedau. *Critical Thinking, Reading, and Writing: A Brief Guide to Argument*. Boston: Bedford/St. Martin's, 1999.
- Bierman, Authur K. and Assali, Robin N. *The Critical Thinking Handbook*. New Jersey:Prentice Hall, 1996.
- Bonevac, Daniel. *Simple Logic*. New York: Oxford University Press, 1998.
- Browne, M. Neil and Stuart M. Keeley. *Asking the Right Questions: A Guide to Critical Thinking*. 5th Ed. New Jersey: Prentice Hall, 1998.
- Chaffee, John. *Thinking Critically*. 4th Ed. Boston: Houghton Mifflin Company, 1994.
- Clark, Gordon. *Logic*. 2d ed. Jefferson, MD: Trinity Foundation, 1988.
- Copi, Irving M. and Carl Cohen. *Introduction to Logic*. 11 ed. Upper Saddle River, NJ: Prentice Hall College, 2001.
- Damer, T. Edward. *Attacking Faulty Reasoning*. New York: Wadsworth, 1980.
- Ennis, Robert H. *Critical Thinking*. New Jersey: Prentice Hall, 1996.
- Epstein, Richard L. *Critical Thinking*. New York: Wadsworth Publishing Company, 1999.
- Epstein, Richard L. *Instructor's Manual for Critical Thinking*. New York: Wadsworth Publishing Company, 1999.
- Epstein, Richard L. *The Pocket Guide to Critical Thinking*. New York: Wadsworth Publishing Company, 2000.
- Epstein, Richard L. *Workbook for Critical Thinking*. New York: Wadsworth Publishing Company, 1999.
- Fearnside, W. Ward. *About Thinking*. 2nd Ed. Upper Saddle River, NJ: Prentice Hall, 1997.
- Forbes, Graeme. *Modern Logic: A Text in Elementary Symbolic Logic*. New York: Oxford University Press, 1994.
- Geisler, Norman L. and Ronald M. Brooks, *Come Let Us Reason: An Introduction to Logical Thinking*. Grand Rapids: Baker, 1990.

- Gelb, Michael J. *How to Think Like Leonardo da Vinci: Seven Steps to Genius Everyday*. New York: Delacorte Press, 1998.
- Hastings, William M. *How to Think About Social Problems: A Primer for Citizens*. New York: Oxford University Press, 1979.
- Herrick, Paul. *The Many Worlds of Logic*. New York: Oxford University Press, 1999.
- Holmes, Roger W. *The Rhyme of Reason: An Invitation to Accurate and Mature Thinking*. NY: D. Appleton, 1939.
- Moore, Brooke Noel and Parker, Richard. *Critical Thinking*. 4th Ed. Mountainview, CA: Mayfield Publishing Company, 1995.
- Paul, Richard. *Critical Thinking: What Every Person Needs to Survive In a Rapidly Changing World*. Rohnert Park, CA: Foundation for Critical Thinking, 1993.
- Paul, Richard and Linda Elder. *Critical Thinking: Tools for Taking Charge of Your Learning and Your Life*. Rohnert Park, CA: Foundation for Critical Thinking, 2001.
- Priest, Graham. *Logic: A Very Short Introduction*. New York: Oxford University Press, 2000.
- Romain, Dianne. *Thinking Things Through: Critical Thinking for Decisions You Can Live With*. London: Mayfield Publishing Company, 1997.
- Ruggiero, Vincent Ryan. *Becoming a Critical Thinker*. 3rd Ed. Boston: Houghton Mifflin Company, 1999.
- Schick, Theodore, Jr. and Lewis Vaughan. *How to Think About Weird Things: Critical Thinking for a New Age*. 3d ed. Boston: McGraw Hill, 2002.
- Soccio, D.J. and Barry, V.E. *Practical Logic: An Antidote for Uncritical Thinking*. 5th Ed. New York: Harcourt Brace College Publishers, 1998.
- Toulmin, Stephen. *An Introduction to Reasoning*. NY: Macmillan, 1979.
- _____. *The Uses of Argument*. Cambridge: Cambridge University Press, 1958.
- Waller, Bruce N. *Critical Thinking: Consider the Verdict*. 2^d Ed. Englewood Cliffs, NJ: Prentice Hall, 1998.
- Weston, Anthony. *A Rulebook for Arguments*. Indianapolis: Hackett, 1992.