Academic Inquiries: Portland State University

PHL 324 - Intro to Formal Logic (4 quarter hours)
PHL 399 - Modern Symbolic Logic (2 quarter hours)

A transcript for this course will be issued by the host university, Shanghai International Studies University. The syllabus and instructor have also been approved as equivalent to PHL 324 and PHL 399 (6 quarter hours in total) by Portland State University, serving as US University of Record, as many universities require to transfer courses taken as study abroad. Portland State University will provide a transcript at the student's request.

Basic Information:

Instructor Name	TBD
E- Mail	
Office	TBD
Office Hours	TBD, and by appointment

Course Description:

This course aims to introduce students to the basic concepts and achievements of modern logic. Symbolic logic is the application of formal, mathematical methods in the study of reasoning. The type of reasoning under consideration is specifically deductive (as opposed to inductive) reasoning. Deductive reasoning gives rise to a rich, abstract theoretical structure that is both of intrinsic interest and practical importance. Identifying general inferential moves that are guaranteed to have true outputs provided they have true inputs improves one's ability to reason effectively about real-world matters, and helps one discover when a line of reasoning is not effective. The material covered in this course will include such topics as the nature and general features of deductive arguments, logical form, argument validity and soundness, symbolization, truth-functional logical connectives, and using truth-tables to check argument validity. The bulk of the course will be devoted to the development of two artificial formal languages (that of sentential logic or the propositional calculus and that of quantificational logic or the predicate calculus) that capture certain formal aspects of our talk and thought. We will study the techniques for constructing formal deductive proofs in these languages and for evaluating such proofs as valid or invalid.

Required Course Materials:

Textbook	Edition	Author	Publisher	ASIN
Modern Logic: A Text in Elementary Symbolic Logic		Graeme Forbes	Oxford University Press	B014S31DC8

Course Hours:

The course has 19 class sessions and a 5-hour field trip. Each class session is 160 minutes in length. The course normally meets from Monday to Friday. This course has a total of 67 contact hours including a final exam. Final exams are scheduled on July 29 and 30, 2019.

Prerequisite:

None

Course Schedule:

Week	Session	Day	Topic (s)	Chapter(s)
Week 1	July 2	T	School Orientation	
	July 3	W	Basics: Arguments, Logical Form, Validity	Ch. 1
	July 4	TH	Basics: Arguments, Logical Form, Validity	Ch. 1
	July 5	F	Symbolizing Arguments in Sentential Logic	Ch. 2
Week 2	July 8	M	Symbolizing Arguments in Sentential Logic	Ch. 2
	July 9	T	Syntax and Semantics for Sentential Logic	Ch. 2-3
	July 10	W	Syntax and Semantics for Sentential Logic	Ch. 2-3
	July 11	TH	**Exam 1**	
	July 12	F	Testing Argument Validity: Truth-Tables and Interpretations	Ch. 3
Week 3	July 15	M	Testing Argument Validity: Truth-Tables and Interpretations	Ch. 3
	July 16	T	Natural Deduction (Proofs) in Sentential Logic	Ch. 4
	July 17	W	Natural Deduction (Proofs) in Sentential Logic	Ch. 4
	July 18	TH	Predication and Quantification: Syntax and Semantics	Ch. 5 and Ch. 6
	July 19	F	**Field Trip (5-Hour)** Shanghai Museum Shanghai Museum is a large museum of ancient Chinese art. The Shanghai Museum boasts a collection of 140,000 precious relics, featuring bronzes, ceramics, paintings and calligraphy. The abundance and quality of the collection have enjoyed a high reputation both at home and abroad.	
Week 4	July 22	M	**Exam 2**	
	July 23	T	Proofs in Predicate (Quantificational) Logic	Ch. 6
	July 24	W	First-Order Logic with Identity	Ch. 7 and Ch. 8
	July 25	TH	First-Order Logic with Identity	Ch. 7 and Ch. 8
	July 26	F	Course Review	
Week 5	July 28	Sta	Reading Day	
	July 29	M	**Final Exam**	
	July 30	T	**Final Exam**	

Grading Policies:

Part	Percentage
Participation/Homework	10%
Exam 1	20%
Exam 2	20%
Long Assignments	20%
Final exam	30%

Grade Distribution:

Percentage	Letter Grade	Grade Points
100-90	A	4.0
80-89	B	3.0
70-79	C	2.0

60-69	D	1.0
59 or below	F	0.0

Academic Integrity

School expects honesty from students in presenting all of their academic work. Students are responsible for knowing and observing accepted principles of scholarly research and writing in all academic work.

Academic dishonesty or cheating includes acts of plagiarism, forgery, fabrication or misrepresentation, such as the following:

- claiming the work or thoughts of others as your own
- copying the writing of others into your written work without appropriate attribution
- writing papers for other students or allowing them to submit your work as their own
- buying papers and turning them in as your own
- having someone else write or create all or part of the content of your assignments
- submitting the same paper for more than one study or class without explicit permission from the faculty members

General Principles

This program is committed to principles of trust, accountability, clear expectations and consequences. It is also committed to redemptive efforts, which are meaningful only in light of these principles. Students will be granted due process and the opportunity for an appeal.

Academic dishonesty offenses generally are subject to incremental disciplinary actions. Some first offenses, however, receive severe penalties, including dismissal from the program.

General Disciplinary

The following is a non-comprehensive list of possible actions apart from dismissal from the program: warning from a professor, program director; a lower or failing grade on an assignment, test or course; suspension or dismissal from the course; suspension or dismissal from the program.

Disciplinary Actions for Specific Offenses

Some academic dishonesty offenses call for specific disciplinary actions. The following have been identified:

Falsification of documents: Students who falsify or present falsified documents may be dismissed. Prospective students who are discovered to have presented falsified admission documents prior to admission shall be denied admission to the program. Should it be discovered after admission that a student had presented falsified documents for admission, such admission may be annulled and the record of academic achievement removed from the academic record, with appropriate notations. Such annulments or denials may be reviewed after one year.

Dishonesty in course requirements: Course work (a quiz, assignment, report, mid-term examination, research paper, etc.) in which a student has been dishonest generally will receive zero points towards the grade in fulfillment of a course requirement, and/or the student may receive a failing grade for the course. The professor of the course determines the appropriate consequence.

Final assignment: When a student cheats in a major or final assignment such as a comprehensive examination or presents plagiarized material in a major or final assignment, that student shall receive an F in that particular subject. Student cheats on more than two exams shall be dismissed from this program.