PHL396-01 / Logic Lab
Missouri Western State University
Fall Semester 2019

Dr. Jason Costanzo
Popplewell Hall Rm 115F
Office Hours: M 1-3; W 11-12 & 1-3
jcostanzo@missouriwestern.edu

***Course Description & Objectives***

The Logic Lab course is intended for philosophy majors as well as students having a general interest in formally logical systems. Topics include the study of modern formal logic (including sentential and predicate logic), formal systems, theories of truth, logical paradoxes, completeness, and so on. The course is designated as a "lab" which means that most work will take place in the classroom, with reading and homework assignments to be completed outside of class. The course is intended to supplement student knowledge in the learning of logic (especially PHL219) understood both as a tool for reasoning as well as an independent domain of investigative research.

***Reading List***

The following texts will be used in this class, available either as e-texts or for purchase:

Teller, P., *A Modern Formal Logic Primer*, vol. 1
Haack, S., *Philosophy of Logics*

*Note: Other e-texts may also be assigned and made available on Canvas.*

***Student Evaluation***

| Assignment Type | Percent | Total% | Grade |
|---|---|---|---|
| In-Class Lab Work (~13 total) | 50 | 90 – 100 | A |
| | | 80 – 89 | B |
| At-Home Assignments (~13 total) | 50 | 70 – 79 | C |
| | | 60 – 69 | D |
| | | 0 - 59 | F |

<u>In-Class Lab Work / 50% of grade</u>

Lab work will consist in going through at-home assignments, discussion of the readings and working through difficult problems.

<u>At-Home Assignments / 50% of grade</u>

Each week students will be assigned a reading and/or problems to complete at home. Any problems must be submitted by the following class day. Late submissions will not be accepted

Assessment

- The “lab work” grade is the percentage of lab sessions attended divided by all sessions.
- The “assignments” grade is likewise the percentage of all successfully completed (at home) assignments, divided by all assignments.
- For example, suppose you attend 11/13 lab sessions and successfully complete 10/13 assignments. Your grade is = [(11/13 x 50%) + (10/13 x 50%) = [42.3% + 38.5%] = 81% = B.
- *Note 1: If you miss class for any reason, you must submit the assignment for that session by the next class session.*
- *Note 2: The penalty for any missed sessions (not assignments) may be excused only with a formal excuse (doctor’s notice, etc.).*

***Course Regulations & Policies***

<u>Make-up Policy</u>: Missed assignments can only be made up with a formal excuse (doctor’s notice, etc.).

<u>Failure Policy</u>: Failure in this class is warranted in the event that (1) you do not take/make-up one or both term exams and/or (2) your grade point percentage averages an F as established by grading criteria on this syllabus and/or (3) you do not comply with MWSU academic honesty guidelines as listed below.

Academic Dishonesty: Academic dishonesty is defined in the Student Code of Conduct as engaging in acts which include (but not limited to):

a. Falsifying documents or academic records;

b. Any activity that violates the University's Academic Honesty Policy including (but not limited to) any instance of plagiarism, cheating, seeking credit for another's work, using any electronic device to either improperly store information for an exam or to transmit portions of questions or answers to other students, or allowing another student to take your exam for you.

MWSU Attendance & Participation Guidelines: At the beginning of this course you will be required to take an informal quiz. Taking this quiz likewise fulfills the initial attendance requirement for this online class. Students who fail to complete this quiz and/or subsequent quizzes and assignments may be considered absent from the course, following which they will be notified of their absence via MWSU Early Alert System. Subsequent inactivity may result in an unofficial withdrawal or failure for this course.

General Studies Requirements for Bachelor Degrees: General Education at Missouri Western State University consists of a common core of curriculum offerings necessary to equip students for successful and fulfilled lives as educated and active citizens. The required general education curriculum consists of a broad range of courses that assures that all baccalaureate-seeking students acquire academic skills and knowledge necessary for understanding, communicating, and performing in a diverse and complex world. Students completing courses in the general education program will be provided the opportunity to acquire knowledge and skills to: (1) Write and speak clearly and effectively. (2) Think critically and reason analytically. (3) Locate, organize, evaluate, and synthesize information from print and electronic sources. (4) Understand and appreciate moral values and ethical choices. (5) Gain a greater awareness of the present by understanding other cultures and times. (6) Understand and enjoy aesthetic experiences and share in related activities. (7) Develop an understanding of fundamental mathematical concepts and their applications. (8) Understand common phenomena in the physical and natural environment and understand the methods by which they are studied through lectures and the connected laboratory experience. (9) Understand and appreciate the means of gaining and maintaining mental and physical health.

ADA Accommodations: Students seeking accommodations must first provide documentation of needed accommodations to the Accessibility Resource Center (ARC) located in Eder Hall, Suite 203. Once accommodations have been approved by the ARC, students are responsible for notifying their instructors of those accommodations. This should be done within the first two weeks of classes. Accommodations are not retroactive.

Harassment, Discrimination & Sexual Misconduct: Consistent with its mission, Missouri Western seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and University policy prohibit harassment, discrimination, and sexual misconduct. Missouri Western encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to someone from the Campus and Local Resources list found in the University Policies and Procedures (https://www.missouriwestern.edu/studentaffairs/wp.../handbook.pdf) about what happened so they can get the support they need and Missouri Western can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Missouri Western is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please visit the following website:

https://www.missouriwestern.edu/titleix/sexual-misconduct-policy/

Students have received information via email regarding training regarding Title IX. Student employees may have additional required training. Please follow the link in the email sent to your MWSU student account to complete the training. Students who do not complete the training will receive a hold on their account, prohibiting future semester enrollment until the training is complete. These training courses will ensure that all students are appropriately educated about these important regulations.