

26 ASUO COURSE GUIDE

MEETS: 11:30 MWF, 314 PLC
FORMAT: Seminar
AVERAGE CLASS SIZE: 20
WEEKLY READING: 6 hours
PREREQUISITES: 9 credits of Philosophy or I
EVALUATION: 70%-2 Papers; 30%-Final
READINGS: Aristotle, THE BASIC WORKS OF ARISTOTLE
DESCRIPTION: Aristotle's metaphysics and ethics will be examined in some detail. His categories will also receive attention, as it connects with the theory of substance and the issues that divide Aristotle from Plato.

PHL 447G LEIBNIZ (3)
Wilson, 331 PLC

MEETS: 15:00-16:20 MW
FORMAT: Seminar
AVERAGE CLASS SIZE: 9
WEEKLY READING: 50 Pages
PREREQUISITES: 9 credits of philosophy or I
EVALUATION: 100%-3 Papers
READINGS: Leibniz: PHILOSOPHICAL PAPERS AND LETTERS
DESCRIPTION: A critical study of Leibniz's metaphysics, including his theory of substance, logic, ethics, and philosophy of religion.
COMMENTS: Previous work in the history of philosophy desirable.

Physics

PH 102 ESSENTIALS PHYS (3)
Gilbert, 162 SC 1

MEETS: 11:30 MWF, 123 SC 1
FORMAT: Lecture
AVERAGE CLASS SIZE: 200
WEEKLY READING: 15 Pages
PREREQUISITES: High school level algebra
READINGS: Hewitt, CONCEPTUAL PHYSICS
DESCRIPTION: Physics 102 is an introduction to heat and thermodynamics, waves and sound, and electricity and magnetism. A great many practical and everyday phenomena will be discussed, along with the general concepts. The emphasis will be on learning concepts more than doing calculations. A little high school algebra will be used. There will be demonstrations to illustrate the various concepts.
COMMENTS: There will be three midterms and a comprehensive final which will include questions from the last two chapters not covered on midterms. The lowest score will be dropped. If you decide to skip the final, you must complete the homework for the last two chapters. Homework counts only to determine borderline grades, though doing homework usually leads to doing better on exams, so you get credit for it in any case.

PH 102 ESSENTIALS PHYS (3)
Rayfield, 121 SC 1

MEETS: 12:30 MWF, 123 SC 1
FORMAT: Lecture
AVERAGE CLASS SIZE: 211
WEEKLY READING: 1 Chapter
PREREQUISITES: PH 101
EVALUATION: 60%-3 Midterms; 40%-Final

READINGS: Hewitt, CONCEPTUAL PHYSICS
DESCRIPTION: Topics covered are: 1) heat, temperature, heat transfer, and thermodynamics; 2) sound: vibrations and waves; 3) electricity and magnetism: electrostatics, electric current, magnetism and electromagnetic radiation.

PH 103 ESSENTIALS PHYS (3)
Matthews, 205 SC II

MEETS: 14:30 MWF, 123 SC 1
FORMAT: Lecture
AVERAGE CLASS SIZE: 100+
WEEKLY READING: 1 Chapter
EVALUATION: 25%-Homework; 50%-3 Midterms; 25%-Final
READINGS: Hewitt, CONCEPTUAL PHYSICS
DESCRIPTION: An introduction to the physics of light and color and to modern physics.

PH 121 LASERS (3)
Graff, 164 SC 1

MEETS: 11:00-12:20 UH, 16 SC 1
FORMAT: Lecture
AVERAGE CLASS SIZE: 80
WEEKLY READING: 15-20 Pages
EVALUATION: 30%-Homework; 40%-2 Midterms; 30%-Final
READINGS: Waldman, INTRODUCTION TO LIGHT; Gamov, THIRTY YEARS THAT SHOOK PHYSICS; Packet
DESCRIPTION: The first part of the quarter will emphasize the basic physical principles: light, wave-particle duality, and basic quantum mechanics. Next we will discuss various types of lasers and their characteristics. Finally, we will review laser applications, including medicine, holography, industry, and defense.
COMMENTS: Since much of the material in this course is not covered in the reading materials, attendance is essential.

PH 202 GENERAL PHYSICS (4)
Haydock, 125C SC II

MEETS: 9:30 MWHF, 123 SC I
FORMAT: Lecture
AVERAGE CLASS SIZE: 160
WEEKLY READING: 15 Pages
PREREQUISITES: PH 201
EVALUATION: 25%-Quizzes; 40%-2 Midterms; 35%-Final
READINGS: Sears, Zemansky, and Young, COLLEGE PHYSICS
DESCRIPTION: This is the second of a three course series on General Physics. This deals with heat, waves, and light. The mathematics required is algebra and trigonometry.

Political Science

PS 199 BILL OF RIGHTS - FRESHMAN SEMINAR (3)
Klonoski, 928 PLC

MEETS: 19:00-21:50 W, Sweetser Hall, Walton Complex
FORMAT: Seminar
PREREQUISITES: Freshman and new students only
EVALUATION: 33%-Midterm; 67%-Final
READINGS: McClosky, DIMENSIONS OF TOLERANCE
DESCRIPTION: Each week of the term

is devoted to reading leading Supreme Court cases concerned with interpretation of the Bill of Rights. Reference is then made to how various "publics" in the United States feel about the Court's opinions of the Bill of Rights as found in McClosky's book, DIMENSIONS OF TOLERANCE

PS 201 AMERICAN GOVERNMENT (3)
Forde, 914 PLC

MEETS: 14:30 MW+, 250 CLS
FORMAT: Lecture/Discussion
WEEKLY READING: 50 Pages
EVALUATION: 40%-Midterm; 60%-Final
READINGS: Nivola and Rosenbloom, CLASSIC READINGS IN AMERICAN POLITICS; Packet
DESCRIPTION: This course is designed to give students some understanding of the workings of the American political system and the American way of life. The course will begin with an examination of the principles that serve as the foundation for American politics, as they are seen in such documents as the Declaration of Independence, the Constitution, and the Federalist Papers. We will then look at some of the most important contributions to the study of how American politics and civilization works in practice.

PS 204 INTRODUCTION TO COMPARATIVE POLITICS (3)
Fiszman, 927 PLC

MEETS: 14:30 MWF, 189 PLC
FORMAT: Lecture/Discussion
AVERAGE CLASS SIZE: 60
WEEKLY READING: 70 Pages
EVALUATION: 10%-Quizzes; 15%-Participation; 35%-Midterm; 40%-2 Essays
READINGS: Macridis and Brown, COMPARATIVE POLITICS: NOTES AND READINGS; Kesselman, et. al., EUROPEAN POLITICS IN TRANSITION
DESCRIPTION: The course serves as an introduction to some general strategies for comparative cross-national research, a substantive examination of some select political systems as well as discussion of some relatively recent events that serve to illustrate the similarities and differences between the various political systems. Since the course is introductory in nature, it is designed as a "sensitizer" for students hitherto exposed only to their own ethno-cultural environment. Formal lectures will only serve as introduction to discussion and to familiarize students with most common research strategies and problems.
COMMENTS: Given the stress on discussion and the emphasis in lectures on research strategies, it is of particular importance that the student attend classes, read the assigned material and participate. No formal final examination will be given--instead, two essays and a quiz are expected.

PS 205 INTERNATIONAL RELATIONS (3)
Shoff, 921 PLC

MEETS: 10:30 MW+, 221 Allen
FORMAT: Lecture/Discussion
AVERAGE CLASS SIZE: 100+
WEEKLY READING: 4 Chapters
EVALUATION: 10%-Attendance; 20%-