

PHIL 302: Modern Philosophy
Fall 2017

Instructor: Brian Miller
Email: brianmiller@rice.edu
Office: Humanities 204
Office hours: by appointment

Course Description

In the fourth century BCE, Aristotle developed sophisticated accounts of matter, causation, scientific methods, and a wide range of other subjects. This Aristotelian worldview dominated scientific thought throughout Medieval Europe. By the seventeenth century this Aristotelian scientific worldview was attacked as unmotivated, incoherent, and inconsistent with observation. This left the small matter of constructing a scientific new worldview to replace the old one. We begin this course with Aristotle before moving on to the challenges posed by Copernicus's theory and Galileo's telescope. Our focus then shifts to Descartes and to Locke.

Course Objectives

The objective of this course is to gain an understanding of critical scientific and philosophical developments of the seventeenth century.

Course Materials

There are no required texts – all readings will be provided through Canvas.

Evaluation

Student performance will be evaluated using two essays and ten pop-quizzes.

First Essay (2000-ish words): due October 6 by 11:59pm – 30 points

Second Essay (2500-ish words): due December 1 by 11:59pm – 40 points

Pop quizzes: 3 points each

All papers must be submitted through Canvas. All papers will be graded blind, meaning that I will not know whose paper I am grading. For that reason, PLEASE DO NOT PUT YOUR NAME OR OTHER IDENTIFIER ON YOUR PAPER. Why is this important? It helps to avoid implicit bias and ensure fair grading.

Late papers will be docked 1/3 letter grade per day past the due date.

Pop-quizzes: The quizzes will be quick and typically pretty easy, provided that you are present in class, have done the reading, and are paying attention to the lecture. They will typically be a surprise, but I might tell you that one is coming up. I might even tell you what the questions will be. In order

to take a quiz and receive any credit for it, you must be present when it is administered (or have a document excuse). No make-up quizzes will be offered unless you have a documented excuse!

Grading: All quizzes and essays will be assigned letter-grades. Canvas will convert letter-grades to numerical scores equivalent to the top of the ranges below (so A- becomes 94, B becomes 87, etc). Final grades are determined by the weighted average of exam, paper, and quiz grades

Grading Scale:

Grade	Range
A+	97 – 100
A	94 – <97
A-	90 – <94
B+	87 – <90
B	84 – <87
B-	80 – <84
C+	77 – <80
C	74 – <77
C-	70 – <74
D+	67 – <70
D	64 – <67
D-	60 – <64
F	<60

IMPORTANT: In order to pass this course you must: be present to take at least 6 quizzes (or have a documented excuse for your absence) AND receive a D or higher on both essays.

Helpful Resources

Jim Pryor (NYU) has a helpful guide for reading philosophy and another for writing philosophy. They can be found at:

<http://www.jimpryor.net/teaching/guidelines/reading.html>

and

<http://www.jimpryor.net/teaching/guidelines/writing.html>

Tyler Burge (UCLA) offers the following words of wisdom concerning the study of philosophy:

Whatever the reader's background and interests [...] I offer this council, firmly and insistently: patience. Patience is a primary virtue in philosophy. Genuine understanding is a rare and valuable commodity, not to be obtained on the cheap. One cannot reap philosophy's rewards breathlessly, or by looking for the intellectual equivalents of sound bites. Very large claims are at issue here, claims that bear on understanding some of the matters most important to being human. Understanding requires investing time, close reading, and reflection.

Participation

You are encouraged to ask questions and to discuss the readings. The best way to learn philosophy is by doing philosophy, and part of doing philosophy is talking about philosophy. Come to class ready to talk and don't rely on others to carry the weight. Try answers on for size. Very often progress is made by first putting a bad answer on the table and then getting an idea of what is wrong with it and how it could be improved upon. Offering a "bad" answer doesn't make you bad at philosophy or mean you are being dumb or dense. Some of the most important works in philosophy were merely conversation starters, and some of the best and smartest philosophers have offered really "bad" answers to certain questions.

Here are some examples of fantastic questions that I've been asked:

"I don't understand what you just said. Would you please explain it again?"

"You just claimed that X, but I don't see why I should believe X. What can you say to convince me?"

"You just drew conclusion Y from premise X, but I don't see how X supports Y. What can you say to convince me?"

"I've lost the forest for the trees. Can you zoom out and tell me how this small point that we've been discussing fits in to the larger issues?"

And here is a list of every stupid question I've ever been asked:

[blank — I have never been asked a stupid question.]

Attendance Policy

Your regular attendance is expected. This expectation is reflected in your grade through the quizzes: skip a class in which we have a quiz and you'll receive a 0 on that quiz.

Rice Honor Code

Rice takes its honor code very seriously. All work completed in this course is subject to the Rice Honor Code pledge, which reads:

On my honor, I have neither given nor received any unauthorized aid on this assignment.

So what's authorized?

Citation Cite anything you'd like, but be sure to cite any sources that you've consulted; plagiarism is a heinous crime and will not be tolerated.

Extent of collaboration I encourage you to discuss relevant materials with anyone you'd like, and in particular I'd encourage you to discuss them with myself and with your colleagues in the course. I

encourage you to solicit feedback on your written work and on your presentations from anyone you'd like. Philosophy is a collaborative enterprise, and it's really fun to talk about. But write your own essays and be sure to document any ideas that appear in your written work that aren't yours (i.e. cite appropriately). Collaboration on quizzes is prohibited. Placing quizzes in a test bank for future students to consult (or anything of that sort) is prohibited.

Multiple submission The resubmission any of your own work by that has been used in identical or similar form in fulfillment of any academic requirement at this or another institution is prohibited.

Notes Sharing class notes with other students in the class is generous, and I encourage it.

Sources All types of sources are permitted in your research. Cite appropriately.

If you're unclear about any of this, please talk to me about it.

Plagiarism Policy

Plagiarism will not be tolerated in this course. Instances of plagiarism will be reported to the Honor Council, and the Honor Council is not forgiving. For information regarding what constitutes plagiarism, see: honor.rice.edu or talk to me.

Students with Disabilities

1. Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All discussions will remain as confidential as possible. Students with disabilities will need to contact Disability Support Services in the Allen Center.
2. Any student with a disability requiring accommodations in this course is encouraged to contact me after class or during office hours. Additionally, students will also need to contact Disability Support Services in the Allen Center.
3. If you have a documented disability that will impact your work in this class, please contact me to discuss your needs. Additionally, you will need to register with the Disability Support Services Office in the Allen Center.
4. Just as university policy requires me to accommodate all documented disabilities, it prohibits me from accommodating any undocumented disabilities. It also prohibits me from retroactively imposing accommodations. For example, if your disability is first documented halfway through the semester I will not be able to make grade changes or other accommodations for any work completed earlier in the semester. To avoid these issues please be sure to document your disability with Disability Support Services as early as possible.

Syllabus Subject to Change!

This syllabus is subject to change. The course schedule (below) will definitely change. Reasonable notice will be given. Any changes will be announced in class and/ or posted to Canvas.

Phones and The Laptops

You are welcome to use your laptop, tablet or phone to take notes or to consult the day's readings. If you must do other things with your devices — text, email, check Facebook — then please sit in back so that you don't distract the more serious students. If your device usage is disruptive then you will be asked to put that device away or to leave. This policy is subject to change if the presence of devices in class leads to problems.

Course Schedule:

The following schedule will be revised as we go along. Any changes will be announced in class and/or via Canvas. Please complete all primary readings for the date listed. Secondary readings are optional.

Date	Topic	Primary Reading	Secondary Reading
8/21	Introduction, Syllabus	none	none
8/23	Aristotle's Metaphysics	Aristotle - Physics 1.1, 1.5-9	SEP - Form vs. Matter
8/25	Aristotle's Metaphysics	Aristotle - Physics 2	Pasnau - Metaphysical Themes (section 3.1)
8/28	Harvey!	none	none
8/30	Harvey!	none	none
9/1	Harvey!	none	none
9/4	Labor Day Holiday	none	none
9/6	Aristotle's Metaphysics	Aristotle- Physics 2, cont'd	SEP - Aristotle on Causality
9/8	Aristotle's Scientific Method	Aristotle - Posterior Analytics 1.1-1.14	Losee - Aristotle's Philosophy of Science
9/11	Aristotle's Scientific Method	Aristotle - Posterior Analytics 1.31-34, 2.1-4, 2.19	Smith - Logic (29-33, 47-51)
9/13	Ancient Astronomy	Aristotle - Heavenly Spheres; Ptolemy - Earth	DeWitt - Worldviews (81-98)
9/15	Copernicus	Copernicus - Motion of the Earth	DeWitt - Worldviews (99-134)

Date	Topic	Primary Reading	Secondary Reading
9/18	Galileo	Galileo - Moving Earth More Probable	DeWitt - Worldviews (148-174)
9/20	Ancient Atomism	Diogenes - Atoms; Epicurus - Letter; Lucretius - Explanatory Power of Atomism	SEP - Ancient Atomism
9/22	Corpuscularian Hypothesis, Mechanism	Boyle - The 'Corpuscular' Hypothesis	SEP - 17th Cent. Atomism
9/25	Descartes's Early Method	Descartes - Discourse on Method; Garber - Descartes and Method (33-9)	Garber - Descartes and Method (39-end)
9/27	Skepticism	Descartes - Letter, Preface, Synopsis, Meditation 1	Larmore - Descartes and Skepticism
9/29	Skepticism, Cogito	Descartes - Meditation 2	Curley - Cogito and the Foundations of Knowledge
10/2	Minds, Bodies, Wax	Descartes - Meditation 2 (cont'd)	Pasnau - Metaphysical Themes (§8.2)
10/4	Clear and distinct ideas, causal argument	Descartes, Meditation 3	Nadler - The Doctrine of Ideas
10/6	Causal Argument first paper due!	Descartes - Meditation 3	Nolan, Nelson - Proofs for the Existence of God (104-12)
10/9	Midterm Recess - no class	none	none
10/11	Problem of Error	Descartes - Meditation 4	SEP - The Problem of Evil (§1, 4, 7.2)
10/13	Problem of Error	Descartes - Meditation 4	SEP - The Problem of Evil (§1, 4, 7.2)
10/16	Ontological Argument	Descartes - Meditation 5	Nolan, Nelson - Proofs for the Existence of God (112-end)
10/18	Cartesian Circle	Hatfield - The Cartesian Circle	Frankfurt - Descartes and the Consistency of Reason
10/20	Cartesian Circle	Hatfield - The Cartesian Circle continued	Frankfurt - Descartes and the Consistency of Reason

Date	Topic	Primary Reading	Secondary Reading
10/23	Mind/ Body Distinction	Descartes - Meditation 6	none
10/25	Mind/ Body Distinction	Descartes - Meditation 6	none
10/27	The existence of matter	Clarke - Descartes's Proof of the Existence of Matter	Descartes - Meditation 6
10/30	The existence of matter	Sorell - <i>Scientia</i> and the Sciences in Descartes	Descartes - Meditation 6
11/1	Minds and bodies	Princess Elizabeth, Descartes - Letters (selection); Treatise on Light ch. 2	Cottingham - The Mind-Body Relation
11/3	Minds and bodies	Garber - Understanding Interaction	Descartes - Meditation 6
11/6	Locke: empiricism	Locke - Essay (316-28)	Rickless - Locke's Polemic against Nativism
11/8	Locke: empiricism	Locke - Essay (316-28)	Rickless - Locke's Polemic against Nativism
11/10	Locke: primary/secondary qualities	Locke - Essay (332-7)	Jacovides - Locke's Primary and Secondary Qualities
11/13	Locke: primary/secondary qualities	Locke - Essay (332-7)	Jacovides - Locke's Primary and Secondary Qualities
11/15	Locke: substance	Locke - Essay (359-67)	McCann - Locke on Substance
11/17	Locke: essence	Locke - Essay (377-86)	Atherton - Locke on Essences and Classification
11/20	Berkeley's Idealism	First Dialogue	SEP - Idealism (§3)
11/22	Berkeley's Idealism	Second Dialogue	Third Dialogue
11/24	Thanksgiving Holiday	none	none

Date	Topic	Primary Reading	Secondary Reading
11/27	Problem of Induction	Hume: Enquiry IV	Lange - Hume and the Problem of Induction §2-4
11/29	Problem of Induction	Hume: Enquiry V	Lange - Hume and the Problem of Induction §5-6
12/1	Problem of Induction Term Paper Due!	Hume: Enquiry V	Lange - Hume and the Problem of Induction §5-6