

## Syllabus — May Session 2024

Excluding materials for purchase, syllabus information may be subject to change.  
The most up-to-date syllabus is located within the course in HuskyCT.

### Course and Instructor Information

**Course Title:** Philosophy and Logic (PHIL 1102–024)  
**Credits:** 3  
**Format:** Online, asynchronous  
**Prerequisites:** None

**Professor:** [Marcus Rossberg](#)

**Email:** [marcus.rossberg@uconn.edu](mailto:marcus.rossberg@uconn.edu)

**Always include** “1102” in the subject line of the email, if you need to send the instructor an email. (A reply cannot be guaranteed if this is omitted.)

**After the first day of class**, students registered in the course should send messages to the instructor via the HuskyCT message tool or in the “Questions for the Instructor” discussion board, and **not via email**.

**Office Hours/Availability:** Unless announced otherwise, the instructor will check into the course several times every day to monitor discussions and respond to HuskyCT Messages. In addition, the instructor will be available regularly, at set times for Virtual Office Hours. The times for Virtual Office Hours will be announced on HuskyCT. One-on-one online meetings at different times can be arranged. If the instructor expects to be away due to illness, travel, or family obligations, they will make every attempt to notify you in advance.

### Course Materials

**Required course materials should be obtained on the first day of class.**

#### Required Materials:

For this course you will be required to purchase McGraw-Hill Education *Connect*® access for **Howard–Snyder, *The Power of Logic 6e***. You are *not* required to have a printed text. An electronic “smartbook” version of the textbook is included in the *Connect* access. Please be aware that if you purchase a used textbook you will still need to purchase your personal *Connect* access at full price. You can purchase the access code in the [UConn Bookstore](#). You can also purchase it directly from McGraw-Hill as part of the login process on the first day of class. If you prefer to purchase the access code through the UConn Bookstore, you will be able to enter the code on the first day of class as part of the login process. See below for information on **free courtesy access**.

Once you are in *Connect*, a print-upgrade option is also available if you find yourself wanting a print copy at any point. This will be a full color, “binder-ready” version of the text (i.e., it’s not bound, but loose, perforated leaves you can put in a binder that will not be supplied); please allow a few days for delivery. Note that **a printed version of the textbook is not required**.

To get started, please follow the PowerPoint presentation (on HuskyCT) how to log into Connect and synch it with the HuskyCT course. Note that for your grades to register correctly and promptly, you must **always log in through HuskyCT** to complete assignments.

**Important:** You must register in *Connect* even if you have not purchased your access code yet. Connect offers **Courtesy Access**, which is **free** access for 14 days from the start of class. When you follow the registration steps outlined in the PowerPoint you will be given the option of selecting “Courtesy Access”. Please do this if you have not purchased your access code yet, as this will ensure that you do not fall behind in class assignments. (You can read the e-book and complete assignments with Courtesy Access). More information is available on HuskyCT.

## Course Description

The course provides an introduction into various ways of reasoning and assessing these forms of reasoning. Common fallacies are explained, so you can avoid making them yourself, but also in order to detect them in arguments presented by others. We will introduce criteria for good reasoning and also for bad arguments. Good reasoning is the most important skill for philosophers, but it is also a skill that everyone should have: it is indispensable for critical and clear thinking. Formal logical techniques are developed as effective methods for the evaluation of arguments. The notion of an effective decision procedure is introduced and two such methods are practiced and applied: Venn diagrams for arguments representable in categorical logic (i.e., syllogisms) and truth tables for arguments representable in truth-functional logic. We will apply the techniques that we learn to real-life examples, e.g., from the news, social media, and political debates, and also to specific arguments from different areas of philosophy, such as metaphysics, philosophy of religion, philosophy of language, philosophy of science, ethics, and social and political philosophy.

## Course Objectives

By the end of the semester, students should be able to:

1. identify arguments in distinction to other forms of text, like explanations;
2. categorize arguments as *deductive* or *inductive* and explain the categorizations;
3. analyze inductive and deductive arguments and explain the analyses;
4. identify fallacies and valid argument forms in real-life examples of reasoning and well as specific arguments from different areas of philosophy;
5. demonstrate the invalidity of faulty deductive arguments using the method of counterexamples;
6. construct Venn-diagrams to effectively decide the validity of syllogisms (categorical logic);
7. determine logical properties of truth-functional statement (tautology, contradiction, consistency, logical equivalence);
8. prove the validity or invalidity of arguments in propositional logic using the effective method of truth tables.

## Course Requirements and Grading

### Summary of Course Grading:

Course Components	Weight
Chapter Assignments	18%
Chapter Quizzes	21%
Exam 1	21%
Exam 2	21%
Discussion Board	19%

**Chapter Assignments:**

Each module is based on a chapter in the textbook and comes with practice questions, a dedicated set of exercises or problem sets you have to solve on the topic of the respective chapter. You can retry these practice questions an unlimited number of times. The “smart book” will give you feedback on your progress and suggest when you should practice more or should proceed with reading new material. Each of these assignments will account for 3% of your final grade. Since there are six such assignment, they together will contribute 18% of your final grade.

**Chapter Quizzes:**

Each module features a graded quiz on the material contained in the chapter on which the module is based. You will take the quiz after you completed the chapter assignment and practice questions (see above). The problems to be solved in the quiz will be similar to the practice questions, but you only have one attempt for the quiz. Each of the quizzes will account for 3.5% of your final grade. Since there are six such quizzes, they together will contribute 21% of your final grade.

**Exams:**

You will take two exams, one in the middle, the other at the end of the course. The problems to be solved in the exam will resemble those in the quizzes. You do not have to come to campus to take the exams. Instead, you will be proctored via webcam while you take the exam online (wherever you are). Details regarding the proctoring of exams can be found in the *Orientation* for the course on HuskyCT. Each exam will cover one half of the course and contribute 21% of your final grade.

**Discussion Board:**

The primary purpose of the discussion boards is to enable “classroom” interaction. You can discuss the course topics with your peers and also get feedback from the instructor. On *three announced occasions*, however, your participation will be graded. Completion of all discussion forum assignments is mandatory. Failing to complete discussion forums will lead to loss of points: this includes the “ungraded” discussion forums. Together, the discussion forums will contribute 19% to your final grade.

**Grading Scale:**

Course grade	Your score % falls in this interval
A	$93.5\% \leq \text{score}$
A-	$90\% \leq \text{score} < 93.5$
B+	$86.5\% \leq \text{score} < 90\%$
B	$83.5\% \leq \text{score} < 86.5\%$
B-	$80\% \leq \text{score} < 83.5\%$
C+	$76.5\% \leq \text{score} < 80\%$
C	$73.5\% \leq \text{score} < 76.5\%$
C-	$70\% \leq \text{score} < 73.5\%$
D+	$66.5\% \leq \text{score} < 70\%$
D	$63.5\% \leq \text{score} < 66.5\%$
D-	$60\% \leq \text{score} < 63.5\%$
F	$\text{score} < 60\%$

**Due Dates**

All course due dates are identified in Eastern Daylight-Saving Time (EDT). If you are in a different time zone, please adjust your submittal times accordingly. *The instructor reserves the right to change dates accordingly as the semester progresses. All changes will be communicated via HuskyCT Announcements.*

## Late Policy

While there is some flexibility to the completion of some of the assignment, others (in particular, but not restricted to, the exams) will have to be complete by a set date. Penalties will be attached for such work submitted late, unless prior permission is granted by the professor. Exceptions will only be made in case of emergency, with verification obtained through the Dean of Students Office.

## Feedback and Grades

We will make every effort to provide feedback and grades within two working days, often quicker. To keep track of your performance in the course, refer to *My Grades* in HuskyCT.

## Course Outline and Calendar

**Course Duration:** May 6<sup>th</sup> – 25<sup>th</sup>, 2024

Module	Learning Materials	Activities / Assessments (due dates) <i>Complete any prerequisite readings prior to completing the activities. Activities are due by 11:59 PM EDT on the dates listed.</i>
<p><b>Course Orientation</b></p>	<ul style="list-style-type: none"> <li>● Course tour, navigation, organization</li> <li>● Professors' information</li> <li>● Course Syllabus</li> <li>● Virtual office hours information</li> <li>● MGH <i>Connect</i> slides</li> <li>● ProctorU information</li> <li>● Discussion Board guidelines &amp; information</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Syllabus Quiz</b> (Monday, May 6)</li> <li>● <b>Introductions Discussion Board (Initial Post:</b> Monday, May 6; <b>Replies:</b> Tuesday, May 7)</li> <li>● <b>Sign up for MGH <i>Connect</i></b> (Monday, May 6)</li> <li>● <b>Orientation Activity (Assignment)</b> (Monday, May 6)</li> <li>● <b>Register with ProctorU and schedule your exams</b> (Monday, May 6)</li> <li>● Say "Hello" in the try-out session of the <b>Virtual Office Hours</b> (Monday, May 6)</li> <li>● <b>Review the University of Connecticut's academic policies</b> (Monday, May 6)</li> </ul>
<p><b>Module 1:</b> Basic Concepts</p>	<ul style="list-style-type: none"> <li>● <i>The Power of Logic</i>, chapter 1</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Smartbook "Practice" assignment (chapter 1)</b> (Tuesday, May 7)</li> <li>● <b>Module 1 Discussion Forum</b> (Initial Post: Tuesday, May 7; <b>Replies</b> Wed, May 8)</li> <li>● <b>Module 1 Quiz</b> (Wednesday, May 8)</li> </ul>
<p><b>Module 2:</b> Identifying Arguments</p>	<ul style="list-style-type: none"> <li>● <i>The Power of Logic</i>, chapter 2</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Smartbook "Practice" assignment (chapter 2)</b> (Thursday, May 9)</li> <li>● <b>Module 2 Discussion Forum</b> (Initial Post: Thursday, May 9; <b>Replies</b> Fri, May 10)</li> <li>● <b>Module 2 Quiz</b> (Friday, May 10)</li> </ul>

<b>Module 3:</b> Informal Fallacies	<ul style="list-style-type: none"> <li>• <i>The Power of Logic</i>, chapter 4</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Smartbook “Practice” assignment (chapter 4)</b> (Saturday, May 11)</li> <li>• <b>Module 3 Discussion Forum</b> (Initial Post: Saturday, May 11; Replies Mon, May 13)</li> <li>• <b>Module 3 Quiz</b> (Monday, May 13)</li> </ul>
<b>CATCH UP DAY</b>	If you’ve fallen behind somewhere, you can catch up on this day	Tuesday, May 14
<b>EXAM 1</b>		<ul style="list-style-type: none"> <li>• <b>Exam 1</b> (date and time individually scheduled with ProctorU, latest: Thursday, May 16)</li> </ul>
<b>Module 4:</b> Categorical Logic, Statements	<i>The Power of Logic</i> , chapter 5	<ul style="list-style-type: none"> <li>• <b>Smartbook “Practice” assignment (chapter 5)</b> (Wednesday, May 15)</li> <li>• <b>Module 4 Discussion Forum</b> (Initial Post: Wed, May 15; Replies Thursday, May 16)</li> <li>• <b>Module 4 Quiz</b> (Thursday, May 16)</li> </ul>
<b>Module 5:</b> Categorical Logic, Syllogisms	<i>The Power of Logic</i> , chapter 6	<ul style="list-style-type: none"> <li>• <b>Smartbook “Practice” assignment (chapter 6)</b> (Friday, May 17)</li> <li>• <b>Module 5 Discussion Forum</b> (Initial Post: Friday, May 17; Replies Monday, May 20)</li> <li>• <b>Module 5 Quiz</b> (Monday, May 20)</li> </ul>
<b>Module 6:</b> Statement Logic, Truth Tables	<i>The Power of Logic</i> , chapter 7	<ul style="list-style-type: none"> <li>• <b>Smartbook “Practice” assignment (chapter 7)</b> (Tuesday, May 21)</li> <li>• <b>Module 6 Discussion Forum</b> (Initial Post: Tuesday, May 21; Replies Thurs, May 23)</li> <li>• <b>Module 6 Quiz</b> (Thursday, May 23)</li> </ul>
<b>CATCH UP DAY</b>	If you’ve fallen behind somewhere, you can catch up on this day	Friday, May 24
<b>EXAM 2</b>		<ul style="list-style-type: none"> <li>• <b>Exam 2</b> (date and time individually scheduled with ProctorU, latest: Saturday, May 25)</li> </ul>

### Inclusive Course

All students are welcome in the course. The instructor is deeply committed to justice, equity, diversity, and inclusion. Discrimination against anyone because of their gender, race, ability, sexuality, ethnicity, religion or lack thereof, or anything else really, has no place anywhere, and will not be tolerated in this course in any form.

## Hardware and Software Requirements

The technical requirements for this course include:

- Working personal computer to which you have steady access
- [Adobe Acrobat Reader](#)
- Reliable internet access
- Access to McGraw-Hill *Connect* and the interactive online textbook
- Webcam (for taking exams) [please contact the instructor a.s.a.p. if there is a problem with this]'
- [ProctorU](#) (for taking exams) [Complete instructions in Course Orientation]. ProctorU [Privacy Policy](#) and [Accessibility Statement](#).

### Help

[Technical and Academic Help](#) provides a guide to technical and academic assistance.

This course is completely facilitated online using the learning management platform, [HuskyCT](#). If you have difficulty accessing HuskyCT, you have access to the in person/live person support options available during regular business hours through [UConn Tech Support](#). You also have [24x7 Course Support](#) including access to live chat, phone, and support documents.

If you run into any problems using *Connect*, call McGraw-Hill's Customer Experience Group/CXG (a.k.a. Tech Support). They will give you a ticket number for the problem you reported. If you are not able to complete an assignment by its due date, or if you feel that you were given an incorrect score, I will be requesting the MH ticket number so that I can follow up with the publisher. Here is the contact information for McGraw-Hill CXG: visit [www.mhhe.com/support](http://www.mhhe.com/support) or call (800) 331-5094, Monday – Thursday 8 a.m. – 4 a.m.; Friday 8 a.m. – 10 p.m.; Saturday 10 a.m. – 8 p.m.; Sunday 12 p.m. – 2 a.m. (all times Eastern Time).

### Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

- Use electronic mail with attachments.
- Save files in commonly used word processing program formats.
- Copy and paste text, graphics, or hyperlinks.
- Work within two or more browser windows simultaneously.
- Open and access PDF files.

University students are expected to demonstrate competency in Computer Technology. Explore the [Computer Technology Competencies](#) page for more information.

### Resources/Policies

#### Academic Integrity

You are responsible for acting in accordance with the [University of Connecticut's Student Code](#). Review and become familiar with the expectations. In particular, make sure you have read the section that applies to you on Academic Integrity. Students in this course are expected to maintain the highest standards of intellectual honesty. If you have any questions about what constitutes academic dishonesty (cheating or plagiarism), you should review UConn's code of conduct at <http://community.uconn.edu/the-student-code-appendix-a/> and consult with the instructor PRIOR to taking any questionable actions.

Avoiding Plagiarism: As a student, it is your responsibility to avoid plagiarism and meet University expectations related to [academic integrity](#). The University of Connecticut Library recommends the following resources for students to understand and avoid plagiarism:

[Understanding Plagiarism](#), a tutorial from UConn Library

[Citing Sources](#), a UConn guide to introduce citing MLA, APA styles and more

[Citation Machine](#), interactive citation tool for MLA and APA styles

[KnightCite](#), interactive citation tool for MLA, APA, and Chicago styles

[Assignment Calculator](#), interactive tool that provides a timeline for writing

[Research QuickStart](#), guidance on common questions and needs in the research process

[Research Now](#), guides to help you develop your research skills

Copyright: Copyrighted materials within the course are only for the use of students enrolled in the course for purposes associated with this course and may not be retained or further disseminated.

### **Resources for Students Experiencing Distress**

The University of Connecticut is committed to supporting students in their mental health, their psychological and social well-being, and their connection to their academic experience and overall wellness. The university believes that academic, personal, and professional development can flourish only when each member of our community is assured equitable access to mental health services. The university aims to make access to mental health attainable while fostering a community reflecting equity and diversity and understands that good mental health may lead to personal and professional growth, greater self-awareness, increased social engagement, enhanced academic success, and campus and community involvement.

Students who feel they may benefit from speaking with a mental health professional can find support and resources through the [Student Health and Wellness-Mental Health](#) (SHaW-MH) office. Through SHaW-MH, students can make an appointment with a mental health professional and engage in confidential conversations or seek recommendations or referrals for any mental health or psychological concern.

Mental health services are included as part of the university's student health insurance plan and also partially funded through university fees. If you do not have UConn's student health insurance plan, most major insurance plans are also accepted. Students can visit the Student Health and Wellness-Mental Health located in Storrs on the main campus in the Arjona Building, 4th Floor, or contact the office at (860) 486-4705, or <https://studenthealth.uconn.edu/> for services or questions.

### **Accommodations for Illness or Extended Absences**

If illness prevents you from participating in class, it is your responsibility to notify me as soon as possible. If life circumstances are affecting your ability to focus on courses and your UConn experience, students can email the Dean of Students at [dos@uconn.edu](mailto:dos@uconn.edu) to request support.

### **Students with Disabilities**

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or <http://csd.uconn.edu/>.

### **Policy against Discrimination, Harassment, and Inappropriate Romantic Relationships**

The University is committed to maintaining an environment free of discrimination or discriminatory harassment directed toward any person or group within its community – students, employees, or visitors. Academic and professional excellence can flourish only when each member of our community is assured an atmosphere of mutual respect. All members of the University community are responsible for the maintenance of an academic and work environment in which people are free to learn and work without fear of discrimination or

discriminatory harassment. To that end, and in accordance with federal and state law, the University prohibits discrimination and discriminatory harassment, as well as inappropriate Romantic relationships, and such behavior will be met with appropriate disciplinary action, up to and including dismissal from the University. Refer to the [Policy against Discrimination, Harassment and Inappropriate Romantic Relationships](#) for more information. To protect the campus community, all non-confidential University employees (including faculty) are required to report assaults they witness or are told about to the [Office of Diversity & Equity](#) under the [Sexual Assault Response Policy](#). The University takes all reports with the utmost seriousness. Please be aware that while the information you provide will remain private, it will not be confidential and will be shared with University officials who can help. Refer to the [Sexual Assault Reporting Policy](#) for more information.

### **Evaluation of the Course**

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the [Office of Institutional Research and Effectiveness](#) (OIRE).