



FACULTY OF ARTS  
DEPARTMENT OF PHILOSOPHY

**PHIL 307 L01 — “19th and 20th Century Analytic Philosophy”**

**Winter Term 2013**

**Course Outline**

**Lectures:** MW 2:00–3:15, Science Theatres 131

**Instructor:** Richard Zach  
**Office:** 1254 Social Sciences  
**Phone:** (403) 220–3170      **Email:** rzach@ucalgary.ca  
**Office Hours:** MW 12:30–1:30 (subject to change)  
or by appointment

**Course Description**

This course will focus on some questions central to 19th and early 20th century analytic philosophy. Analytic philosophy is so-called because it often focuses on analysis of concepts: the attempt, through philosophical investigation, to elucidate some every-day or scientific concepts, such as: number, physical object, existence, and concept itself. In early analytic philosophy this often takes the form of an investigation of ways of speaking, e.g., an investigation of what we mean when we say “The number of moons of Mars is 2,” “There is a table before me,” or “The golden mountain does not exist.” This is inextricably tied up with traditional philosophical questions about the nature and extent of knowledge (e.g., of mathematics or of the external world) or the existence of universals.

We will study in particular the ideas of 19th century German mathematician and philosopher Gottlob Frege, who influenced 20th century British philosopher Bertrand Russell, and the Logical Empiricist philosophers of the so-called Vienna Circle (popularized in the English-speaking world first by A. J. Ayer). From them, 20th century analytic philosophy has inherited a preoccupation with logic, language, and mathematics. We’ll read three books, in addition to several papers: Frege’s *Foundations of Arithmetic* concerns the content of mathematical propositions and the grounds of their truth. Russell’s *Our Knowledge of the External World* is an early example of applying formal, logical analysis to traditional questions of epistemology and metaphysics. The logical empiricists were decisively influenced by these views, and in turn very influential for the development of analytic philosophy, so we’ll also study their views, specifically as outlined in A. J. Ayer’s *Language, Truth, and Logic*.

## Required Texts

We will read the following books, which are available in the University bookstore (and some also online):

A. J. Ayer, *Language, Truth, and Logic* (1936)

Gottlob Frege, *The Foundations of Arithmetic* (1884)

Bertrand Russell, *Our Knowledge of the External World* (1914)

Additional texts will be made available electronically.

## Requirements and Evaluation

*Writing Assignments.* There will be 4 short writing assignments (10% each, or 40% of the final grade; 200 words max) and two papers (700 words max; 20% each). You will be given a choice of topics for the papers. You must hand in both papers and at least two short writing assignments in order to pass the course.

Note that the short writing assignments are generally due *before* the corresponding readings are discussed in class. While the aim of the papers is to develop your skills in exposition and argumentation, the short assignments are intended in part to train your *reading comprehension* skills. The questions you will answer in these assignments will be specific questions on the texts. All you need to do to answer them is read—and understand—the text. They shouldn't require the historical or philosophical background you'll get from the subsequent lecture and discussion.

*Quizzes.* There will be two online quizzes (5% each). There is no registrar-scheduled final exam in this course.

*Participation.* Class participation counts for 10% of your final grade. Your participation will be assessed on the basis of your contribution to discussion in class and on the course website. (If you are shy and don't want to speak in class, 4 posts with substantive philosophical content in the online discussion forum will earn you an A for this part of the final grade.) However, if all of your posts occur within one 7-day period, at most 3 of them will be counted toward your participation mark. Only posts before the due date of the final paper count.

*Evaluation and Grades.* On each assignment you will receive a letter grade reflecting the level of comprehension of the readings and your ability to assess philosophical arguments shown by the work you submit. There will be no +/- grades, but "slash" grades (e.g., A/B) are possible. The meanings of letter grades are defined in the *Calendar*; for written work, they amount roughly to the following criteria:

- A Excellent—superior performance, showing comprehensive understanding of subject matter. (Your writing is clear and concise; your assignments make obvious that your understanding of the issues and arguments is correct and complete; you show superior ability in representing and assessing others' philosophical arguments; you show ability for original philosophical thinking).

- B Good**—clearly above average performance with knowledge of subject matter generally complete. (You show a good grasp of the assigned reading; but either your writing is not perfectly clear or your assignments are largely only expository and don't show the critical ability required for an A).
- C Satisfactory**—basic understanding of the subject matter. (Your work shows that you've worked through the reading and attended class, but your assignments misrepresent the arguments we're discussing, or your criticisms are off the mark.)
- D Minimal pass**—marginal performance. (Your work is unclear or confused; or you grossly misrepresent the arguments we're discussing.)
- F Fail**—Unsatisfactory performance. (Your work fails to show that you've made a serious attempt at coming to grips with the material; or your writing borders on the incomprehensible.)

Note the emphasis in the above on the fact that it is not enough that you understand the issues we discuss, your written work must *show this*. The evaluation of your writing assignments will take into account the clarity and precision of your exposition. Thus, the quality of your writing will be a major factor in which grade you'll get. If your sentences miss subjects or verbs, your cross-references are unclear, or you use terminology ambiguously, you will receive a lower mark than if you had composed and proof-read your paper more carefully.

In computing your final grade, your marks will be converted to grade points and averaged according to the weights given above. The correspondence of letter grades with grade points is defined in the *Calendar* (A = 4, B = 3, C = 2, D = 1, F = 0). "Slash" grades receive 0.5 below the value of the higher grade (e.g., A/B = 3.5).

The final grade will be the letter grade corresponding to the weighted average of your assignments, papers, and participation plus a margin of 0.2. For the final grade, +'s and -'s are possible, too; as defined in the *Calendar*, +/- adds/subtracts 0.3 grade points. In other words, a course average of 3.8 or higher receives an A; at least 3.5 and less than 3.8, an A-; at least 3.1 and less than 3.5, a B+; at least 2.8 and less than 3.1, a B; and so on. (This means that for two A's and an A/B you still get an A overall; for two A's and a B, an A-.) There is no D- grade; to earn a D you require a course average of at least 0.8. The A+ grade is reserved for truly outstanding performance.

### **Assignments and Policies**

*Late work and extensions.* Assignments handed in late will be penalized by the equivalent of one grade point per calendar day, unless you can document a medical or other valid reason for why your assignment is late.

*Plagiarism.* You will find the University policy on plagiarism at the end of this outline. Plagiarism is a very serious academic offense. It is *not limited* to copying papers wholesale from the Internet; copying and close paraphrase of the texts, of the lectures, or of anyone (other than you) without clear attribution constitutes plagiarism. Your assignments should only contain your own formulations. You should use direct quotes from the texts sparingly, and clearly mark them as such by

using quotation marks and giving a source reference. When in doubt, consult with the instructor. **Plagiarism will result in a failing grade on the assignment or in the course and a report to the Dean's office.**

*Checking your grades and reappraisals of work.* University policies for reappraisal of term work and final grades apply (see the *Calendar* section "Reappraisal of Grades and Academic Appeals"). In particular, term work will only be reappraised within 15 days of the date you are advised of your marks. Please keep track of your assignments (make sure to pick them up in lecture or in office hours) and your marks (check them on the website) and compare them with the graded work returned to you.

### **Course Website**

A course website on U of C's BlackBoard server has been set up. You will be automatically registered if you're registered in the class. To access the BlackBoard site, you can either go directly to [blackboard.ucalgary.ca](http://blackboard.ucalgary.ca) and log in with your UCIT account name and password, or you can access it through the myUofC portal at [my.ucalgary.ca](http://my.ucalgary.ca).

### **Tentative Schedule and Due Dates** (topics subject to change)

**Week 1** (Jan 9). Introduction, Background

**Week 2** (Jan 14, 16). Mathematical knowledge and arithmetical statements

Assignment 1 due Jan 16.

**Week 3** (Jan 21, 23). Frege on the concept of number

**Week 4** (Jan 28, 30). Frege's theory of sense and reference

Assignment 2 due Jan 30

**Week 5** (Feb 4, 5). Propositions and descriptions

**Week 6** (Feb 11, 13). Jones and Russell on propositions

First quiz to be completed by Feb 8

**Week 7** (Feb 25, 27). Russell's construction of the external world

First paper due Feb 27

**Week 8** (Mar 4, 6). The concepts of number and infinity

**Week 9** (Mar 11, 13). Anti-metaphysics

Assignment 3 due Mar 13

**Week 10** (Mar 18, 20). Verifiability and meaning

**Week 11** (Mar 25, 27). Analyticity and truth

Assignment 4 due Mar 27

**Week 12** (Apr 1, 3). Logical empiricist accounts of ethics and theology

Second quiz to be completed by April 5

**Week 13** (Apr 8, 10). Review

**Week 14** (Apr 15). Review

Second paper due Apr 15

## INTELLECTUAL HONESTY

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. As a result, cheating or plagiarism on any assignment or examination is regarded as **an extremely serious academic offence**, the penalty for which may be an F on the assignment and possibly also an F in the course, academic probation, or requirement to withdraw. The University Calendar states that plagiarism exists when:

- the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test);
- parts of the work are taken from another source without reference to the original author;
- the whole work (e.g., an essay) is copied from another source; and/or
- a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved.

While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious offence. Plagiarism occurs not only when direct quotations are taken from a source without specific acknowledgement, but also when original ideas or data from the source are not acknowledged. A bibliography is insufficient to establish which portions of the student's work are taken from external sources; footnotes or other recognized forms of citation must be used for this purpose.

## ACADEMIC ACCOMMODATION

It is the student's responsibility to request academic accommodation. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

## STUDENT'S UNION REPRESENTATIVES

The Faculty of Arts representatives are: Sarah Damberger arts1@su.ucalgary.ca, Hana Kadri arts2@su.ucalgary.ca, Kelsy Norman arts3@su.ucalgary.ca, Jack Mills arts4@su.ucalgary.ca

## FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY (FOIP) ACT

The University of Calgary is under the jurisdiction of the provincial FOIP Act in all aspects of its operations as a publicly funded institution. The Department of Philosophy ensures the student's right to privacy by requiring all graded assignments, papers, and exams be returned to the student directly from the instructor.

## **SAFEWALK: PROMOTING CAMPUS SAFETY AND AWARENESS**

Twenty four hours a day, seven days a week, Safewalk volunteers walk people safely to their destination on campus. This service is free and available to students, staff, and campus visitors. Safewalks are done in male/female pairs. The volunteers walk anywhere on campus (including McMahon Stadium, Health Sciences, Student Family Housing, the Alberta Children's Hospital and the University LRT station). To request a Safewalk volunteer to walk with you, call 403-220-5333 (24 hours a day/seven days a week/365 days a year) or use one of the Help Phones located across campus (they are not just for emergencies).

## **PHILOSOPHY DEPARTMENT**

The Department of Philosophy is located on the 12th floor of the Social Sciences Building and on the web at [www.phil.ucalgary.ca](http://www.phil.ucalgary.ca).

Philosophy Undergraduate Program Advisors for Winter 2013:

Ann Levey ([levey@ucalgary.ca](mailto:levey@ucalgary.ca))

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For assistance with registration issues in Philosophy courses, contact Merlette Schnell ([schnell@ucalgary.ca](mailto:schnell@ucalgary.ca))