TE WHARE WĀNANGA O TE ŪPOKO O TE IKA A MĀUI

VICTORIA
UNIVERSITY OF WELLINGTON

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HISTORY, PHILOSOPHY, POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

PHILOSOPHY PROGRAMME
PHIL 335: Logic
20 POINTS

TRIMESTER 2 2015

Important dates

Trimester dates: 13 July to 15 November 2015

Teaching dates: 13 July to 16 October 2015

Mid-trimester break: 24 August – 6 September 2015

Study period: 19–23 October 2015

Examination/Assessment Period: 23 October to 14 November 2015

Note: students who enrol in courses with examinations must be able to attend an examination at the University at any time during the scheduled examination period.

Withdrawal dates: Refer to www.victoria.ac.nz/students/study/withdrawals-refunds. If you cannot complete an assignment or sit a test or examination, refer to www.victoria.ac.nz/students/study/exams/aegrotats.

Class times and locations

Lectures: Thursday 10.00 am-12.50 pm
Venue: Hugh Mackenzie (HM)LT001
Tutorials: One hour of lecture may be used for a tutorial. This will be held in the lecture room.

Names and contact details

Course Coordinator: Edwin Mares
Room No: Murphy MY618
Phone: 04 4635234
Email: Edwin.Mares@vuw.ac.nz
Office hours: Monday 1.00-2.00 pm

Communication of additional information

This course uses Blackboard and presumes that all enrolled students have valid myvuw.ac.nz addresses. Please check that this account is active and you have organised email forwarding. Additional information and any changes to the timetable or lecture and seminar programme will be advised by email, announced in lectures, and posted on the course Blackboard site.

Prescription

This course covers central systems of extra-classical and non-classical (or 'deviant') logic. A selection of the following logics will be studied in this course: temporal logic, modal logic, intuitionist logic, relevant logic and many-valued logic.

Course learning objectives (CLOs)

Students passing the course will be able to:

1. explain in outline the possible worlds semantics for modal logic;
2. prove that formulas are valid or invalid in particular modal logics;
3. outline the completeness theorem for modal logic and be able to prove certain of its important sub-theorems;
4. prove theorems in the natural deduction systems for intuitionist and relevant logic.
5. apply what the student has learned in the course to other systems of logic and to have the background to learn other metatheorems for those logical systems.

Teaching format

PHIL 335 is delivered as one three-hour lecture or one two-hour lecture and one 50 minute tutorial per week (depending on the week).

Lectures: The lectures are a core foundation for learning. They present the central course material.

Tutorials: The tutorials reinforce the lecture experience. They give students an additional chance to ask questions and to formulate their views on course material.

Mandatory course requirements

There are no mandatory course requirements in addition to achieving an overall pass mark of 50%.

Workload

In accordance with University Guidelines, this course has been constructed on the assumption that students will devote 200 hours to the course throughout the trimester, approximately 13 hours a week across the trimester. This total includes the following:

- weekly attendance at lectures, and tutorials; (3 hours per week)
- Sitting tests and the final exam (7 hours spread over two tests and one 3 hour final exam).

Assessment

Assessment for the course is based entirely on two tests, one take home assignment and a final exam.

	Assessment items and workload per item	%	CLO(s)	Due date
1	Test 1	25%	1,2	20 August
2	Assignment	10%	1, 2, 3	24 September
3	Test 2	25%	3,4	8 October
4	Final Exam	40%	1,2,3,4,5	TBA

Submission and return of work

All marks will be posted on Blackboard. Hardcopies of the two tests will be returned to students.

Extensions and penalties

Extensions

Late sitting of a test will not be allowed unless the student makes an appointment as soon as practically possible with the course coordinator to explain the lateness (preferably before the assignment is due to be submitted). The circumstances under which an extension will be considered are outlined in section 3.2.1 of the Assessment Handbook.
(See: www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf).

Set texts

G.E. Hughes and M.J. Cresswell, *A New Introduction to Modal Logic*, London: Routledge, 1996, available at VicBooks. Some additional readings for the second half of the course are available on Blackboard.

Class representative

The class representative provides a useful way to communicate feedback to the teaching staff during the course. A class representative will be selected at the first lecture of the course. Students may like to write the Class Rep's name and details in this box:

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Class Rep name and contact details:
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Student feedback

After several years we have returned to having modal logic as the main content of PHIL335. In the past few years, the course has been more of a survey of logical systems, but students stated that they preferred to study fewer systems in more depth. Moreover, it is clear that modal logics and the natural deduction systems for intutionist and relevant logic were the favourite systems students, so it is those upon which we have chosen to concentrate this year.

Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

Other important information

The information above is specific to this course. There is other important information that students must familiarise themselves with, including:

- Academic Integrity and Plagiarism: www.victoria.ac.nz/students/study/exams/integrity-plagiarism
- Aegrotats: www.victoria.ac.nz/students/study/exams/aegrotats
- Academic Progress: www.victoria.ac.nz/students/study/progress/academic-progess (including restrictions and non-engagement)
- Dates and deadlines: www.victoria.ac.nz/students/study/dates
- FHSS Student and Academic Services Office: www.victoria.ac.nz/fhss/student-admin
- Grades: www.victoria.ac.nz/students/study/progress/grades
- Resolving academic issues: www.victoria.ac.nz/about/governance/dvc-academic/publications
- Special passes: www.victoria.ac.nz/about/governance/dvc-academic/publications
- Statutes and policies including the Student Conduct Statute: www.victoria.ac.nz/about/governance/strategy
- Student support: www.victoria.ac.nz/students/support
- Students with disabilities: www.victoria.ac.nz/st_services/disability

- Student Charter: www.victoria.ac.nz/learning-teaching/learning-partnerships/student-charter
- Student Contract: www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-contract
- Subject Librarians: library.victoria.ac.nz/library-v2/find-your-subject-librarian
- Turnitin: www.cad.vuw.ac.nz/wiki/index.php/Turnitin
- University structure: www.victoria.ac.nz/about/governance/structure
- Victoria graduate profile: www.victoria.ac.nz/learning-teaching/learning-partnerships/graduate-profile
- VUWSA: www.vuwsa.org.nz