

## Mathematics 62-498/523: Lie Algebras and Representation Theory

**Instructor:** Dr. Wai Ling Yee  
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**Office Hours:** TBA  
**Classes:** TR 1:00-2:20PM 356 Dillon Hall

**Textbook:** Introduction to Lie Algebras and Representation Theory by J.E. Humphreys.

**Course Content:** Chapters I-VI of the textbook.

**Prerequisites:** Linear Algebra and Abstract Algebra (62-321).

### Evaluation:

Assignments	30%	Bi-weekly
Midterm	20%	Tuesday March 6 <sup>th</sup> in class
Final Examination	50%	Tuesday April 17 <sup>th</sup> , 12:00-3:00PM

Last date for late registration and course change: Friday January 19<sup>th</sup>

Last date for voluntary withdrawal: Friday March 16<sup>th</sup>

The Student Evaluation of Teaching (SET) form will be administered in the last regular class.

**Remarks:** There will be no make up tests. Scores for tests missed for legitimate reasons accompanied by appropriate documentation will be replaced with the final exam grade.

**Exam Conflicts:** Students scheduled to write three invigilated final examinations in one day and students who are unable to write a final examination due to a conflict with religious conviction may apply for an alternate examination date. Please download the appropriate form from <http://www.uwindsor.ca/registrar> and submit to the Office of the Registrar. Note: These applications must be submitted by the end of the fourth week of classes.