

# 2017 Spring Course Syllabus - Mathematics 9011.001

**Course:** Mathematics 9011.001.

**Course Title:** Homological Algebra.

**Time:** 12:30 - 1:50pm.

**Place:** 527 Wachman.

**Instructor:** Chelsea Walton.

**Instructor Office:** 532 Wachman.

**Instructor Email:** notlaw@temple.edu

**Instructor Phone:** (none).

**Course Web Page:** <https://math.temple.edu/~notlaw/teaching.html>

**Office Hours:** By appointment.

**Prerequisites:** Graduate Algebra sequence.

**Textbook:** An Introduction to Homological Algebra by Weibel, and instructor's notes.

**Course Goals:** To achieve a deep and well-rounded understanding of homological algebra.

**Topics Covered:** Chapters 1 - 4, and parts of Chapters 5, 6 and 9, of Weibel.

**Course Grading:** Six homework assignments - top five worth 10% each; Two essays - worth 25% each.

**Exam Dates:** Two expository essays, the first due on Thursday March 2nd, and second due on Thursday April 27th.

**Attendance Policy:** Attending lecture is strongly encouraged.

Any student who has a need for accommodation based on the impact of a disability should contact me privately to discuss the specific situation as soon as possible. Contact Disability Resources and Services at (215) 204-1280, 100 Ritter Annex, to coordinate reasonable accommodations for students with documented disabilities.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has adopted a policy on Student and Faculty Academic Rights and Responsibilities (Policy # 03.70.02) which can be accessed [here](#).

Students will be charged for a course unless dropped by the Drop/Add deadline date. Check the [University calendar](#) for exact dates.

During the first two weeks of the fall or spring semester, students may withdraw from a course with no record of the class appearing on the transcript. In weeks three through nine of the fall or spring semester, or during weeks three and four of summer sessions, the student may withdraw with the advisor's permission. The course will be recorded on the transcript with the instructor's notation of "W," indicating that the student withdrew. After week nine of the fall or spring semester, or week four of summer sessions, students may not withdraw from courses. No student may withdraw from more than five courses during the duration of his/her studies to earn a bachelor's degree. A student may not withdraw from the same course more than once. *Students who miss the final exam and do not make alternative arrangements before the grades are turned in will be graded F.*

The grade I (an "incomplete") is reserved for extreme circumstances. It is necessary to have completed almost all of the course with a passing average and to file an *incomplete contract* specifying what is left for you to do. To be eligible for an I grade you need a good reason and you should have missed not more than 25% of the first nine weeks of classes. If approved by the Mathematics Department chair and the CST Dean's office, the incomplete contract must include a default grade that will be used in case the I grade is not resolved within 12 months.