# Math 261- 005  Introduction to Linear Algebra
## Fall 2011 | CRN 12114 | T/Th 6:40pm – 8:30pm | CH 271

**Instructor:** Keith Morese

**Email:** kmore@pdx.edu

**Office:** NH314

**Office Hours:** Tues/Thurs: 3:30pm – 4:30pm  or by appointment.

**Course Website:** D2L

**Required Text:** Linear Algebra: A Modern Introduction (3rd Edition), by David Poole

**Prerequisite:** The prerequisite for this course is Mth 112 with C- or better. Beginning winter term, this will be an enforced prerequisite and if it is not met, then you will be required to take the Mathematics and Statistics Placement Test. For more information, go to http://mth.pdx.edu/programs/placement/.

**Course Content:** Our goal is to cover chapters 1-5 of the required text as well as covering the material in the PSU Notes for Sets and Functions (chapter 0). Topics will include; vectors, systems of linear equations, matrices and linear transformations, eigenvalues and eigenvectors, and orthogonality.

### Grades will be based on this approximate breakdown:

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| **Exam I** | **25%** |
| **Exam II** | **25%** |
| **Final exam** | **25%** |
| **Homework** | **25%** |

**Exams:** There will be two "mid-term" exams during the course in addition to a comprehensive final exam. **The final exam will be  Tues, Dec. 6th 7:30pm – 9:20pm.**

**Make-Up Exams:** Illness and family emergencies are considered excused absences. If you have to miss a scheduled exam due to an excused absence contact me before the exam date to schedule a makeup. All makeup exams will be conducted at the university testing center.

**Homework:** Suggested problems from the textbook will be assigned each week. These problems will not be collected or graded. We will usually devote the first 10-15minutes of class to questions from the last assignment. It is expected that you will come to class prepared to discuss specific problems or ask questions as needed.

Two or three problems from each section will be turned-in to be graded. These problems will be due Tuesday of the following week. **No late homework will be accepted unless arrangements are made before the day they are due.**

**Disability Services:** If you have a disability and are in need of accommodations for taking this course, register with the Disability Resource Center (DRC) to arrange needed support and

notify me immediately.