

## MA 265 Linear Algebra (Fall 2017)

Instructor: **Dr. Moongyu Park**

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**Office Hour:** Thu 4:30pm – 6:00pm, Fri 10:30am – 12:00pm and by appointment

**Course Webpage:** <http://www.math.purdue.edu/~park633/MA265.html>

Matlab Tutorial, and List of Hand-grading Homework problems

**Class Schedule:** MA 265 – 141: MWF 2:30pm – 3:20pm in REC 317

MA 265 – 151: MWF 3:30pm – 4:20pm in REC 317

**Textbook:** Elementary Linear Algebra Package Purdue University (1st Edition)

**Web Pages:** Web-Assign: <https://webassign.com/> or

<https://www.webassign.net/purdue/login.html>

Main course webpage: <http://www.math.purdue.edu/courses/MA26500>

**Course Description** (Credit Hours: 3.00): MA 265 is Introduction to linear algebra.

Topics are Systems of linear equations, matrix algebra, vector spaces, determinants, eigenvalues and eigenvectors, diagonalization of matrices, and applications. Not open to students with credit in MA 262, 272, 350 or 351.

**Topics:** Chapter 1, 2, 3, 4, 5, 6.1, 7, 8

**Course Grade:** Calculators will **not** be allowed in any tests and quizzes.

Web-Assign HW (15%) + In-class (hand-grading) HW (5%) + Quiz (5%) +

Midterm exams (2\*20%) + Final(35%) = 100 %

**Homework (20%):** The primary way to submit homework is through **WebAssign**. The exception is the problems from the assignment sheet that a) involve the use of **Matlab**, or b) have an **asterisk (\*)**. Problems of type a) and b) are to be submitted to me in class (**Friday**) and will be hand-graded. Homework must be readable and **must be stapled**.

**No late assignments will be accepted.** Illegible scribbles will receive no credit from the

grader. For a homework problem done with Matlab you should **hand in the printout of your Matlab session** (or at least the relevant parts). You are encouraged to attempt all the questions and discuss with your classmates. However, the write-up must be of your own. HW for Web-Assign online problems should be submitted online by **Thursday 11:40pm**.

**Quizzes (5%):** Quizzes will be given **every other Friday**. Most questions of quizzes will come from problems of previous HW and/or their variations. **There will be no make-up quiz**. If you have a University-approved excuse, you will get your average.

**Midterm Exams (2\*20=40%):** There will be two mid-term exams on the date to be announced. If I am given a **University-approved excuse** you may take a make-up exam. The problems in the make-up exam will be **different** from the original problems. They could be **harder**.

**Final Exam (35%):** The Final Exam will be a two-hour comprehensive multiple choice exam given during the Final Exam Week. The time and place will be announced in class. Since the final exams will be **multiple choice**, there will be **no partial credit**.

**Important Comments:** Class attendance is expected. Reading the sections in the textbook ahead of time is strongly recommended.

**Accommodations for students with disabilities:** If you have been certified by the Disability Resource Center (DRC) as eligible for academic adjustments on exams or quizzes see [www.math.purdue.edu/ada](http://www.math.purdue.edu/ada) for exam and quiz procedures for your mathematics course or go to **MATH 202** for paper copies.

**Academic Dishonesty:** The Mathematics Department, following Purdue Policy, prohibits academic dishonesty. Violations will be punished to the maximum possible extent set forth in the Purdue Policy on academic dishonesty; see [http://www.purdue.edu/studentregulations/student\\_conduct/regulations.html](http://www.purdue.edu/studentregulations/student_conduct/regulations.html)

**Campus Emergency Notice:** [www.math.purdue.edu/courses/MA26500](http://www.math.purdue.edu/courses/MA26500).

**Important Dates:** Last day for a student to drop a course

-without being recorded: Monday, September 4, 2017.

-with a grade of W: Monday, September 18, 2017.

-with a W or WF: Tuesday, October 24, 2017.