

MONTGOMERY COLLEGE – GERMANTOWN
Mathematics 284 – Linear Algebra
Spring 2019

Class Schedule:	Location:
Class Dates:	Final Exam:
Instructor: Mary Wall	Email: mary.wall@montgomerycollege.edu
Office: HT, Room	Office Hours:
MyMathlab Course (Required to Purchase)	

I. Requirements

(i). Prerequisite: A grade of C or better in MA 182, or consent of the math department. For computation of tuition, this course is equivalent to 5 semester hours.

(ii). Text: *Linear Algebra and its Applications*, by D. Lay, S. Lay, and McDonald, 5th edition, pub. Pearson, packaged with a *MyMathLab* access code. You are **not required to purchase a copy of the textbook**, an electronic version is available through MyMathlab. If you currently have the textbook, you may purchase a *MyMathLab* code separately.

We will cover materials from chapters 1-7 of the text. Subjects to include: vector spaces, systems of linear equations and matrices, determinants, linear transformations, similar matrices, eigenvalues, and quadratic forms. This course is designed for students in mathematics, engineering, and the life sciences who are seeking basic skills and knowledge in those disciplines.

(iii). MyMathLab: The **student is required to purchase an access code to MyMathLab**. Homework and possibly some quizzes will be assigned and graded via *MyMathLab*. Please complete registration for *MyMathLab* immediately using the instructions accompanying this syllabus. Check your *MyMathLab* account **daily** to see due dates for the online homework exercises.

(iv). Graphing Calculator: The student is required to have one of the following Texas Instruments graphing calculators: TI-83, or TI-84. A TI-89 is not allowed on the exams. Please ask in advance of the exam as to the suitability of your calculator.

(v). MATLAB: The student will be given computer assignments that require using MATLAB software which is available in our classroom and in the Tech Lab. Free accounts are available for home use, contact me for more information.

II. Grading

Your grade will consist of Homework, Quizzes, 4-Exams, and a Cumulative Final Exam by the following weights.

Homework (<i>MyMathLab</i>)	20%
Quizzes (<i>MyMathLab</i> & In-Class)	10%
Midterm	20%
MATLAB Assignments (3)	20%
Final Exam	20%
Study Guides	10%

(i). Homework: Homework will be completed via *MyMathLab*. I Please submit your homework on time! See homework due dates in Course Schedule and MML.

(ii). Quizzes: Quizzes will be given with notice in-class and on *MyMathLab* so please be sure to check *MyMathLab* regularly. **There will be no make-ups or extensions for quizzes.**

(iii). Midterm: **There will be no exam make-ups. Closed book -- no notes.**

(iv). Final Exam: The final exam will take place from 12:30 pm to 2:30 pm,

May 7th. Closed book - no notes.

(v). Study Guides: Will need to be submitted on the discussion board, see Course Schedule for due dates.

(v). Final Grade Calculation

90%-100%	A
80%-89.99%	B
70%-79.99%	C
60%-69.99%	D
Below 60%	F

III. Disability Support Services

Any student who needs an accommodation due to a disability should make an appointment to see the course instructor during office hours. In order to receive accommodations, a letter from Disability Support Services (LOCATIONS: Germantown – Sciences and Applied Studies Building, Room SA 175; Rockville – Counseling and Advising Building, Room CB 122; or Takoma Park/Silver Spring – Student Services Pavilion, Room ST 120) will be needed.

Any student who may need assistance in the event of an emergency evacuation must identify to the Disability Support Services Office. The guidelines for emergency may be found at the website <http://www.montgomerycollege.edu/dss/evacprocedures.htm>.

IV. Tutoring Center

The Math, Accounting, Physics, and Engineering Learning (MAPEL) center is located in the HT building room 229. Help is available on a walk-in basis. For hours of operations see: <http://cms.montgomerycollege.edu/EDU/Department2.aspx?id=18038>

V. Delayed Opening or Closing of the College

On occasion, Montgomery College will announce a late opening or early closing of a specific campus or the entire college because of weather conditions or other emergencies.

If a class can meet for 50% or more of its regularly scheduled meeting time OR if the class can meet for 50 minutes or more, **it will meet**.

Montgomery College will always operate on its regular schedule unless otherwise announced. Depending on the nature of the incident, notifications of emergencies and changes to the College's operational status will be communicated through one or more communication methods including the College's web page: <http://montgomerycollege.edu>

For the most up to date information regarding College openings, closings, or emergencies, all students, faculty, and staff are encouraged to sign up for e-mail and text alerts via Montgomery College ALERT. Registration information is available at <http://www.montgomerycollege.edu/emergency>.

VI. Additional College Policies

E-mail Communication Statement

Montgomery College e-mail is the official means of communication for Montgomery College. Students are responsible for information and announcements sent via MC e-mail. Check your e-mail daily. Students also are expected to use their MC e-mail account to e-mail instructors.

Withdrawal and Refund Dates

It is the student's responsibility to drop a course. Non-attendance of classes or failure to pay does not constitute official withdrawal. To view specific drop deadlines, log into your MyMC account: Click on 'My Class Schedule' under Student Quick Links; Select the current term; Click on 'View Drop Deadline Dates' at the bottom of the page.

Audit Policy

Students registered for audit are required to consult with the instructor before or at the first class session in which they are in audit status, and students are required to participate in all course activities unless otherwise agreed upon by the student and instructor at the time of consultation.

Academic Honesty and Student Code of Conduct

Academic dishonesty in college is a serious offense. Each student is expected to do his/her own work on all quizzes, tests, and class and homework exercises. Students who engage in any act that the classroom instructor judges to be academic dishonesty or misconduct are subject to sanctions. For more information, refer to Number 42001 in http://cms.montgomerycollege.edu/pnp/#Chapter_4.

Standards of College Behavior

Montgomery College seeks to provide an environment where discussion and expression of all views relevant to the subject matter of the class are recognized and necessary to the educational process. However, students do not have the right to interfere with the faculty member's right to teach or the other students' rights to learn. Faculty and staff set the standards of behavior that are within the guidelines and spirit of the Student Code of Conduct or other College policies for classrooms, events, offices, and areas, by announcing or posting these standards early in the semester. For more information, please refer to Number 42001 in http://cms.montgomerycollege.edu/pnp/#Chapter_4.

Veteran Services

If you are a veteran or on active or reserve status and you are interested in information regarding programs and/or services, please visit <http://www.montgomerycollege.edu/combat2college/>.

In addition to course requirements and objectives that are in this syllabus, Montgomery College has information on its web site (see link below) to assist you in having a successful experience both inside and outside of the classroom. It is important that you read and

understand this information. The link below provides information and other resources to areas that pertain to the following: student behavior (student code of conduct), student e-mail, the tobacco free policy, withdraw and refund dates, disability support services, veteran services, how to access information on delayed openings and closings, how to register for the Montgomery College alert System, and finally, how closings and delays can impact your classes. If you have any questions please bring them to your professor. As rules and regulations change they will be updated and you will be able to access them through the link. If any student would like a written copy of these policies and procedures, the professor would be happy to provide them. By registering for this class and staying in this class, you are indicating that you acknowledge and accept these policies.

<http://cms.montgomerycollege.edu/mcsyllabus/>

Instructor reserves the right to modify this syllabus at any time to meet the needs of the course. (1/22/2019)