

The latest version of this syllabus is always at the following link. You can compare timestamps in the top right.

<https://www.utdallas.edu/~bcm052000/teaching/2017/s/MATH-2370/syllabus.pdf>

Sections

Section	Type	Location	Days	Time	Instructor
001	Lecture	CB3 1.302and FO 1.206	TR	10:00am--10:50am	McCary

Instructor Information

Instructor	Phone	Office	E-mail	Office Hours
Brady McCary	972-883-6313		brady.mccary@utdallas.edu	MWF 1:00pm–2:00pm in FA 2.402, TR 10:00am–11:00am in FO 1.206

General Course Information

Course Description	Introduces the basic concepts of programming and problem solving using MATLAB. Topics include data types, data input/output, control structures, functions, scripts, debugging, data visualization techniques, symbolic computation, and basic algorithms. Programming projects related to mathematical and statistical applications and elementary numerical methods. Topics chosen from areas such as equations and inequalities, rational expressions, exponents, radicals and logarithms, functions, and graphs.
Recommended Texts	<i>MATLAB a practical introduction to programming and problem solving</i> written by Stormy Attaway. Note that this textbook is available online for current students through the UTD Library.
Required Supplies	<ol style="list-style-type: none"> 1. Regular access to a computer to check your UTD email. 2. Regular access to a printer.
Prohibited Supplies	<p>None of the following devices (or devices <i>like</i> them) are allowed to be used during lecture, except as required by <i>written</i> documentation from the university. The reason is that they are a distraction to the user and everyone around them.</p> <ol style="list-style-type: none"> 1. Cell phones. 2. Computers, tablets. 3. Any other electronic communications device.
Blackboard	The gradebook will be posted on <i>Blackboard</i> . UTD's <i>Blackboard</i> site is frequently called <i>eLearning</i> , and you should treat these names as synonyms. You must check the <i>Blackboard</i> course page regularly. https://elearning.utdallas.edu
Course Webpage	A variety of files (e.g. course notes, assignment keys, scans of your graded assignments) and instructions (e.g., how to obtain scans of your graded assignments) will be posted at the following link. https://www.utdallas.edu/~bcm052000/teaching/2017/s/MATH-2370/
UTD E-mail	Your official UTD E-mail address will be used regularly to send you important course information, including announcements. Note that your UTD email inbox has a quota (i.e., a maximum size), and if you exceed your quota then you won't receive new messages.
Math Lab	The <i>Math Lab</i> is a tutoring-like service which is no additional charge to current students. https://www.utdallas.edu/studentssuccess/mathlab/

Make-Up Policy

Extensions and make-ups are available only in the case of university-approved circumstances, such as official UTD business and medical emergencies. When applicable, you must make arrangements with your instructor *at least one week in advance*.

Official UTD Policies

Further information about official UTD policy is available at the following link. This includes information about the UTD's Office of Student Accessibility, UTD's academic dishonesty policy, et cetera. UTD's official policies are part of this syllabus.

<https://coursebook.utdallas.edu/syllabus-policies/>

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Additional Notes

1. Failure to demonstrate all work and steps in the solution of a problem may result in reduced or zero credit.
2. The use of any electronic communications device during class is *prohibited*.
3. Failure to regularly check the course *Blackboard* site is *not an excuse*.
4. Failure to regularly check and maintain your UTD email is *not an excuse*.
5. The descriptions and timelines contained in this syllabus are subject to change at the discretion of the instructors.

Important Dates

The UTD academic calendar lists important dates, such as university closings and withdrawal deadlines. The UTD academic calendar is part of this syllabus.

<https://www.utdallas.edu/academiccalendar/>

Grading Information

Written Homework	WHW (written homework) will be posted to the course webpage. You must download and print the WHW as described on the course webpage. The due date will be printed on the WHW. WHW must be turned in at the beginning of lecture/lab on the due date. Most (but not all) WHW will have a programming component, and in this case, the program portion must be submitted to GitHub. Turning in WHW at any other time or place will be penalized . Turning in WHW late will be penalized . Failure to print WHW correctly will be penalized . You will receive zeros for missed WHW. Some WHW will be graded out of 10, and others will be graded as <i>completion</i> (and you will not be informed in advance). The purpose of WHW is make sure you understand the underlying math concepts in the PHW and to give you a chance to use Matlab to solve standard math exercises. WHW is 30% of your grade.						
Programming Homework	PHW (programming homework) will be posted to GitHub. You must log in to GitHub and follow the instructions. There are no due dates for the PHW (except the end of the semester). Rather, your submissions will be graded regularly and you will receive notification on GitHub if there is any issues which you must fix. Once you fix the issues on GitHub, you receive full credit for that PHW. The PHW are organized into several <i>arcs</i> which are cumulative. Therefore you are strongly advised to stay current (otherwise you will get significantly behind). The purpose of the PHW is to make sure you are intimately familiar with the practice of writing programs in Matlab. PHW is 70% of your grade.						
Attendance & Participation	AP (attendance and participation) is mandatory and will be measured. Your AP record may be considered when assigning your final course grade. If you are failing the course and (in the instructor's estimation) you are deemed non-attending or non-participating then you will be assigned a grade of NF. It is probably in your interest to withdraw rather than receive an NF . See the following link for more information concerning NF grades (and grades generally). https://catalog.utdallas.edu/2016/undergraduate/policies/academic						
Grade Scale		$A+ :$	$[96.66, \infty)$	$A :$	$[93.33, 96.66)$	$A- :$	$[90, 93.33)$
		$B+ :$	$[86.66, 90)$	$B :$	$[83.33, 86.66)$	$B- :$	$[80, 83.33)$
		$C+ :$	$[76.66, 80)$	$C :$	$[73.33, 76.66)$	$C- :$	$[70, 73.33)$
		$D+ :$	$[66.66, 70)$	$D :$	$[63.33, 66.66)$	$D- :$	$[60, 63.33)$
		$F :$	$(-\infty, 60)$				