

## Math 2312 DC PreCalculus Syllabus for Spring 2023

A days 11am-1230pm

**Instructor:** Larry Richmond      **Email:** [lrichmond@uttia.org](mailto:lrichmond@uttia.org)

**Phone:**903-516-1052 [Call/Text before 9pm any day]

**Text:** OpenStax PreCalculus ISBN-10 1938168348 [Link to Text](#)

**Course Description:** This course is a survey of college algebra, trigonometry and analytical geometry to prepare students for calculus. Topics include algebraic functions and their graphs, exponential and logarithmic functions, trigonometric functions and identities.

**Grade Calculation** Homework[Flipped Assignments] 10%, Average of Weekly Quizzes 30%, Average of 3 Tests 30%, Comprehensive Final Exam 30%.

Weekly quizzes will be composed of problems similar to homework. This means that if you keep up with your homework, you should do very well on your quizzes (and their average is the same weight as your final exam!) Instead of giving makeup quizzes, I will drop the lowest quiz grade for everyone when I average them. This gives you an advantage if you don't miss any quizzes, as I will pick your lowest one. If you do have to miss a quiz, that grade will be a zero until I drop it at the end of the semester. If you miss a second quiz, that grade will remain a zero. **In addition, if you miss a test, that grade will be a zero until you take the final exam, at which time I will substitute the final exam grade for the missed test. If you don't miss any tests and your final exam grade is better than one of your 3 tests, I will substitute the final exam grade for that low test grade.** *Departmental policy is that you can only make one grade higher in the course than you make on the final exam.*

**Calculator** You will need to use a scientific (non-graphing) calculator which includes trig functions, in this class. Many different types will work well, but the TI-30XS is recommended. [Here is an Amazon link, currently only \\$10.](#)

**Attendance Class** attendance is very important to your success. I will take roll once at the beginning of each class. If you come in late, notify me at the end of that class – otherwise you will be counted absent.

**Cell Phone Policy** When it is time for class to begin, please turn your cell phone to silent or off and put it out of sight. Homework There will be daily homework assignments. These are very important. The best way to learn mathematics is to work mathematics problems. They will not be collected, but they will be odd numbered so that you can check your answers and ask questions if you need to do so.

**Student Learning Outcomes** By the end of the course students should be able to:

- Develop analytical reasoning to solve algebraic problems such as finding the solutions to polynomial, rational, exponential, logarithmic, and trigonometric equations, as well as finding inverse functions.

- Represent trigonometric functions by drawing relevant pictures on the unit circle, by writing the correct trigonometric definitions, and by verbal description.
- Demonstrate a critical understanding of functions by graphing and analyzing functions, evaluating functions at specific real numbers and at variable values, computing new functions from old functions through algebraic operations, and applying known theory such as the Factor Theorem to factor polynomials and find their zeroes.
- Calculate the values of trigonometric functions based on right-triangular and circular definitions.
  - Solve right triangles given appropriate information about sides and angles.
  - Prove the validity of trigonometric identities.

### **UT Tyler Resources for Students**

- Writing Center (903-565-5995) [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)
- UT Tyler Tutoring Center (903-565-5964) [tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)
- UT Tyler Counseling Center (903-566-7254)

**Students Rights and Responsibilities** To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:

<http://www.uttyler.edu/wellness/rightsresponsibilities.php>

### **Grade Replacement/Forgiveness and Census Date Policies**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

### **Important Dates**

- January 9 – First day of class
- January 24 – Census Date
- March 13–17 – Spring Break
- March 28 – Last Day to Withdraw
- April 27th-Final Exam

# UT Tyler Calendar Spring 2022

## ACADEMIC CALENDAR 2021-2022 Spring Semester 2022 – 15-Week Session

JANUARY 2022							JANUARY	
S	M	T	W	T	F	S	1	New Year's Day, all offices closed
						1	3	First Day to File for Fall 2022 Graduation
2	3	4	5	6	7	8	7	Payment Deadline, 5:00PM CST
9	10	11	12	13	14	15	10	Classes Begin for 15-Week session
16	17	18	19	20	21	22		Deadline to resolve outstanding items for Fall 2021 graduation
23	24	25	26	27	28	29	17	Martin Luther King, Jr. Holiday, all offices closed, no classes
30	31						24	Census Date
								Second drop for non-payment
FEBRUARY 2022							FEBRUARY	
S	M	T	W	T	F	S	1	Registration for Summer 2022 begins
		1	2	3	4	5	2	Third drop for non-payment
6	7	8	9	10	11	12	14	Mid-Term Grade Rosters Open
13	14	15	16	17	18	19	15	Priority Filing Date for Summer 2022 Graduation
20	21	22	23	24	25	26		
27	28							
MARCH 2022							MARCH	
S	M	T	W	T	F	S	1	Final Filing Deadline for Spring 2022 Graduation
		1	2	3	4	5	7-12	Spring break for faculty and students
6	7	8	9	10	11	12	TBD	Last Day to enter Mid-Term Grades
13	14	15	16	17	18	19	18	Textbook orders due from Faculty for Summer and Fall 2022
20	21	22	23	24	25	26	28	Last day to withdraw from one or more 15-Week courses
27	28	29	30	31				Last day to schedule thesis or dissertation defense for Spring 2022 Graduation
APRIL 2022							APRIL	
S	M	T	W	T	F	S	1	Registration for Fall 2022 begins for graduate/senior/Presidential Fellow/Honors/SI Leader/NCAA students
					1	2	4	Registration for Fall 2022 begins for juniors
3	4	5	6	7	8	9	5	Registration for Fall 2022 begins for sophomores
10	11	12	13	14	15	16	6	Registration for Fall 2022 begins for freshmen
17	18	19	20	21	22	23	11	Last day to submit completed thesis or dissertation for Spring 2022 Graduation
24	25	26	27	28	29	30	15	Priority Filing Date for Fall 2022 Graduation
							25	Study Day
								Final exams for classes meeting only on Monday and Monday/Wednesday classes meeting at 7:00 p.m. and later
							26	Final grade rosters open for 15-Week session
							26-30	Final exams
							30	End of 15-Week session
MAY 2022							MAY	
S	M	T	W	T	F	S	3	Final 15-Week grades due in Faculty Center by 12:00PM CST
1	2	3	4	5	6	7	7	Spring Commencement
8	9	10	11	12	13	14	30	Memorial Day holiday; all offices closed, no classes held
15	16	17	18	19	20	21	31	Deadline to resolve outstanding items for Spring 2022 graduation
22	23	24	25	26	27	28		
29	30	31						

## **The Census Date**

The census date is the deadline for many forms and enrollment actions that students need to be aware of. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

### **UT Tyler a Tobacco-Free University:**

- All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.
- Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.
- There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit [www.uttyler.edu/tobaccofree](http://www.uttyler.edu/tobaccofree).

## **Campus Carry**

The law of the State of Texas allows students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php> In addition, Section 4, a-1 of SB 11 states "a license holder commits an offense if the license holder carries a partially or wholly visible handgun, regardless of whether the handgun is holstered, on or about the license holder's person."

## **State-Mandated Course Drop Policy**

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

## **Disability Services**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University offers accommodations to students with learning, physical and/or psychiatric disabilities. If you have a disability, including non-visible disabilities such as chronic diseases, learning disabilities, head injury, PTSD or ADHD, or you have a history of modifications or accommodations in a previous educational environment you are encouraged to contact the Student Accessibility and Resources office and schedule an interview with the Accessibility Case Manager/ADA Coordinator, Cynthia Lowery Staples. If you are unsure if the above criteria applies to you, but have questions or concerns please contact the SAR office. For more information or to set up an appointment please visit the SAR office located in the University Center, Room 3150 or call 903.566.7079. You may also send an email to [cstaples@uttyler.edu](mailto:cstaples@uttyler.edu)

### **Student Absence due to Religious Observance**

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

### **Student Absence for University-Sponsored Events and Activities**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when makeup assignments will be completed.

**Social Security and FERPA Statement:** It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically. UT Tyler Honor Code Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do. Emergency Exits and Evacuation: Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not reenter the building unless given permission by University Police, Fire department, or Fire Prevention Services.