



Syllabus MAT 151 College Algebra

Course Information

Course Prefix/Number: MAT 151 1
Semester: Spring 2020
Course Title: College Algebra
Credit Hours: 4.00

Class Days/Times: TR 3:15PM – 4:55PM
Place: Main Campus,
Gewkdag Šon Ki: Room 3

Instructor Information

Name: Isaac M. Furlonge
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Office location: Ha-Maşcamdam Ha-Ki:
Room 103
Office hours: T 12:15PM – 3:00PM
R 12:00PM – 12:45PM
(or by appointment)
Zoom Office Hours: W 9:15AM – 10:00AM
4:15PM – 5:00PM

Course Description

Introduction to college-level algebra. Includes functions, polynomial and rational functions, exponential and logarithmic functions, linear 2 x 2 and higher systems, graphing, sequences and series, and calculator use.

Student Learning Outcomes

After completion of the course students will be able to:

- Define functions and determine the domain and range. Perform operations of functions.
- Solve various types of equations and systems.
- Graph functions and inequalities.
- Solve problems involving real world applications.

Course Structure

This course will be operating on a combination of traditional lecture (instruction is delivered in class), group activity, and discussions that will enhance the student's knowledge of mathematical concepts.

Note that while this course instruction is delivered in class, the course also utilizes TOCC Canvas (<https://tocc.instructure.com/login/canvas>).

Text and Materials

- **Required:** College Algebra, by Jay Abramson (OpenStax, <https://cnx.org>), 2015 Rice University. This is a FREE etextbook available as an interactive webpage, downloadable pdf, or print copy (available through OpenStax).
- **Calculator:** A scientific calculator is required for this course. If you are going to buy a scientific calculator, a good choice is the TI-30XIIS, it runs about \$15. All other electronic devices (including cell phones) may not be used on quizzes or exams.

Evaluations and Grading

Grades will be determined using the following scale:

<u>Category</u>	<u>Weight</u>
Attendance	5%
Homework	15%
Quizzes	30%
Exams	30%
Comprehensive Final Exam	20%
Total	100%

Letter grades will be awarded using the following scale:

A = 90% - 100% **B = 80% - 89%** **C = 70% - 79%** **D = 60% - 69%** **F = 0% - 59%**

Grades will not be curved, skewed, or otherwise inflated.

Himdag Cultural Component

My interpretation of what Nahban said in the *Desert Smells Like Rain* is this: while the *himdag* discourages direct, exact answers, in the mathematical world, one is expected to be able to come up with a precise answer for the situation. That being said, there are a few common issues shared:

- *Baban* (coyotes) are not going to affect your homework or my tests - they didn't write either.
- While one must go through a maze to see *i'ittoi*, there was no mention as to how many mazes there were to get to him. Likewise, you will discover in this course that there are many different ways to perform the algebra necessary to see the final answer.
- *I-we:tma*: for your success and the college's and the community's, you should not go work on mathematics alone - it can be a group activity (except on the tests, of course).
- *T-pik elida*: we respect each other and ourselves. We respect and take pride in our own work. We respect each other's abilities, quirks and privacy.

Policies and Expectations

Student Conduct

- Please be respectful of myself and other students in the class. Disruptive behavior may result in you being asked to leave the class. This includes but is not limited to talking, eating, rustling papers, clicking on electronics, texting or playing with your phone, late arrival and early departures (late arrival to class disrupts the learning activities and is unprofessional and disrespectful towards fellow classmates), the use of any abusive or indecent language.
- Collegial behavior is required at all times. Turn off cell phones, PDAs, iPods, laptops, and other electronic devices not related to the course before entering the class.
- Cheating in my class is unacceptable. If you are caught cheating, you will be given a zero on that exam or quiz and may result in my filing an Academic Honesty Incident Report which could result in suspension or expulsion from the college.

E-mail Requirement

- All students must activate and regularly check their Tohono O'odham Community College e-mail account. It is mandatory that students use the TOCC e-mail account for all communications with the instructor.
- The instructor will not communicate with any non-TOCC e-mail address a student uses.

Attendance

- Students are required to attend class regularly and on time. Attendance is noted if you are reasonably tardy (i.e. 10 minutes), and if you stay in the classroom for the entire class meeting. A student will be considered absent if more than 15 minutes late.
- Four unexcused absences may result in withdrawal and a grade of "W" or "Y" will be recorded.
- The student is responsible for any work missed during an absence (and please do not ask the question "Did I miss anything *important* in class last time?")
- Accommodations will be made for college-sanctioned absences; in all such instances, I follow college policy. You may request to be excused from class for religious observances and practices, for illness, work-related travel or for personal or family emergency.
- If you will be absent, please notify the instructor as soon as possible.

Homework

- As you might expect, homework is the essential ingredient in a math grade and will be assigned each class period.
- It is due one week from the day assigned unless otherwise specified. Thus if a problem is assigned on Tuesday during class, it is due the next Tuesday at the beginning of class.
- Absolutely **no late homework** will be accepted.

Policies and Expectations (*continued*)

Quizzes

- Each Wednesday, you will complete a quiz (found in your online Canvas materials) consisting of questions over the previous week's material. Please pay attention to the date and time that each quiz is due. A quiz will consist of problems which are a modified version of the homework problems.
- There will be **no make-up quizzes**. Your two lowest quiz scores will be dropped.

Exam

- There will be three exams during the semester given on **Thursday February 13th, 2020**, **Thursday March 26th, 2020**, and **Tuesday April 28th, 2020**.
- A **make-up exam** will be given only in extreme circumstances and if you have valid, documentable proof justifying your absence, such as a doctor's note explaining a bad illness, police report verifying a car accident or a death certificate of an immediate family member (family trips out of town and a car that wouldn't start do not qualify for make-up exams). For official TOCC business, such as a business trip, a team activity, (e.g., a sports event where you are a participant), you must produce the relevant official documentation noting your absence
- Should an exam be missed then the final will replace that exam, if two exams are missed then one will be posted as a "0".

Final Exam

- The final exam will be a comprehensive final test over all the material covered during the semester and will be held in class on **Tuesday May 5th, 2020** during our standard class period from 3:15PM–4:55PM.
- Missing the final exam should not be considered an option and **no make-up exam** will be offered.

Instructor Withdrawals

Students who have missed four consecutive classes (or the equivalent) not submitted any assignments nor taken any quizzes by the 45th day census report, due on **Thursday February 27th, 2020** are assumed NOT to be participating in the class and may be withdrawn at the faculty member's discretion.

Student Withdrawals

Students may withdraw from class at any time during the first 2/3 of the semester without instructor permission and without incurring any grade penalty. Please be sure to withdraw yourself by:

Drop/Full Refund Deadline: **Tuesday January 28th, 2020**.

Withdrawal Deadline: **Monday March 30th, 2020**.

if you do not expect to complete the class, otherwise you may receive an "F" grade.

Policies and Expectations (*continued*)

Special Withdrawal (Y) Grade

- The “Y” grade is an administrative withdrawal given at the instructor’s option when no other grade is deemed appropriate.
- As your instructor, I will file a form stating the specific rationale for awarding this grade.
- “Y” grades are discouraged since they often affect students negatively and I will not award a “Y” grade without a strong reason.

Incompletes

- Incompletes (I): The nature of this course (where you are learning something new every single class) makes it very improbable for an incomplete to be given. However, per TOCC policy, I can choose to award an Incomplete only if all three of the following conditions are met:
 - The student must be in compliance with the attendance policy.
 - There must be an avoidable circumstance that would prohibit the student from completing the course.
 - The student must have completed over 75% of the course requirements with at least a “C” grade.
- Incompletes are not a substitute for incomplete work due to frequent absences or poor academic performance.
- In handing out an incomplete:
 - Incomplete grades that are not made up by the end of the ninth week of the following semester will be automatically changed to an F if the agreed upon work, as stipulated on the written form signed by the instructor and the student when the I grade is awarded, is not completed.

Final Grades

They will be sent to the address on record. Per FERPA and the Himdag, I will not give grades over the phone and am strongly discouraged from emailing same. (Again, see *t-pik elida* above.)

Reasonable Disability Accommodations (Americans with Disabilities Act)

- Tohono O’odham Community College seeks to provide reasonable accommodations for all qualified individuals with disabilities. The College will comply with all applicable regulations, and guidelines with respect to providing reasonable accommodations as required to ensure an equal educational opportunity. This process includes self-identifying as a student with a disability, providing supporting documentation of their disability, and being approved for services through the Disability Resources Office (DRO). It is the student’s responsibility to make known to their instructor(s) the student’s specific needs within the context of each class in order to receive appropriate accommodations. We will work together in order to develop an accommodation plan specifically designed to meet the individual student’s requirements.

- For more information or to request academic accommodations, please contact: Anthony Osborn, TOCC Disabilities Resource Coordinator, aosborn@toocc.edu, or 520-360-5044 for additional information and assistance.

Title IX

- Tohono O'odham Community College faculty and all staff are dedicated to creating a safe and supportive campus. Title IX and our school policy prohibit discrimination on the basis of sex- this includes sexual misconduct; harassment, stalking, domestic and dating violence and sexual assault.
- Sexual discrimination and sexual violence can undermine students' academic success and quality of life on campus and beyond. We encourage students who have experienced any form of sexual misconduct to talk about their experience and seek the support they need.
- Confidential support and academic advocacy can be found with: Student Services.

Conduct: Bias, Bullying, Discrimination and Harassment

Tohono O'odham Community College faculty and staff are dedicated to creating a safe and supportive campus environment as a core value. Harassment based on age, class, color, culture, disability and ability, ethnicity, gender, gender identity and expression, immigration status, marital status, political ideology, race, religion/spirituality, sex, sexual orientation, and tribal sovereign status will not be tolerated.

DISCLAIMER: This syllabus is designed to evolve and change throughout the semester based on class progress and interests. You will be notified of any changes as they occur.