Syllabus: MAT 142H College Mathematics

Course Information	
Course Prefix/Number: MAT 142 H Semester: Fall 2020 Class Days/ Times: ONLINE	Credit Hours: 4 Course Title: College Mathematics

Instructor Information	
Name: Ms. Harison V. Smith	Phone: (520) 383-8401 (Main Campus) Email: hsmith@tocc.edu Office hours: Monday-Friday 12-2pm

Course Description
Basic algebraic functions, including the language of sets, lines in the plane, systems of linear equations, expressions and equations in rational, radical, quadratic, exponential and logarithmic form. This course will also include a survey of real-life topics in the social sciences and management, along with an introduction to probability and statistics.

Course Objectives
During this course students will 1. Solve linear, rational, radical, quadratic, exponential and logarithmic equations. 2. Graph lines in plane. 3. Solve systems of linear equations 4. Use descriptive statistics to analyze data by identifying the explanatory variable and response variable in an experiment. 5. Understand the conclusions you can draw from observational studies and experiments. **Student Learning Outcomes (SLOs):** **After completion of the course students will be able to** • Analyze and solve problems using linear and exponential growth.

• Describe the patterns and behavior of exponential models using words, algebraic symbols, graphs, and tables.
• Use descriptive statistics to analyze data.

Texts and Materials: Quantway College, Version 2.7 Student Textbook will be provided on Canvas. No hard copy will be available.

Evaluation and Grading & Assignments:
Your grades will be based on the following components
Homework -- 480 points
Test -- 150 points
Final Exam -- 100 points

TOTAL Points -- 730 points

Grading Scales:
A 730 - 625 points
B 624 - 581 points
C 580 - 508 points
D 507 - 362 points
F Less than 362 points

Homework Policy:
Homework will be posted regularly on Canvas. Please make sure you check your Canvas daily for any assigned work. You may work with your classmates if needed; however, keep in mind that your solutions must be your own.

Tests:
There will be three regular tests, tentatively scheduled for
  ● Wednesday, September 23rd, 2020
  ● Thursday, October 29th, 2020
  ● Friday, November 20th, 2020
Each test will be worth 50 points. Note: All tests will be taken on Canvas.

Final Exam:
Your final exam is tentatively scheduled on Tuesday, December 8th, 2020. It will be taken on Canvas.

Late Work/ Make-up Work:
There will be no make-up work for this class, but late work will be accepted with a 10% penalty for each missing day. Please note that extenuating circumstances will be given consideration without penalty. In this case, students must notify the instructor immediately.

Academic Integrity:
[a] Students should not get any types of assistance when taking a test online. This can include people or any other types of devices.
[b] Students should be courteous and respectful of others. Please use appropriate language when communicating with your teacher and fellow classmates.
[c] Plagiarizing and cheating will not be tolerated.

Tentative Course Schedule

Date	Homework due dates/ Test dates
Aug 24	Course syllabus & Class Overview
Aug 28	1.1
Sep 1	1.2
Sep 3	1.3
Sep 7	Labor Day - No school
Sep 8	1.4
Sep 10	1.5
Sep 14	1.6
Sep 16	1.7
Sep 18	1.8
Sep 21	1.9
Sep 23	*Module 1- TEST*
Sep 25	O'odham Tas - No School
Sep 28 - Oct 2	Fall Break
Oct 7	2.1
Oct 9	2.2
Oct 12	2.3
Oct 14	2.4

Oct 16	2.5
Oct 19	2.6
Oct 21	2.7
Oct 23	2.8
Oct 26	2.9
Oct 29	*Module 2 - TEST*
Nov 4	3.1
Nov 6	3.2
Nov 9	3.3 / Last Day to Withdrawal
Nov 11	Veteran's day - No school
Nov 12	3.4
Nov 16	3.5
Nov 18	3.6
Nov 20	*Module 3 - TEST*
Nov 26 - Nov 27	Holiday
Dec 8	*Final Exam*
Dec 11	Grades due

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.*