

# UTTC Mathematics

Syllabus  
**MTH 103, College Algebra**

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## Course Information

2017 / Spring  
SciTech Room 232  
Tues and Thurs 10:00-11:50 AM

## Instructor Information

Instructor: Derek Schulte  
Phone: 701-255-3285 ext. 1495  
Office Location: SciTech Building, Room 220  
Office Hours: Thurs 3:30-4:30  
E-Mail: dschulte@uttc.edu

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### **Required Textbooks:**

Stitz, Carl and Jeff Zeager. *College Algebra*. 3<sup>rd</sup> ed. Lulu, 2011.

**Course Description:** This course is designed to introduce the learner to critical thinking and problem solving skills in basic algebraic concepts, equations and inequalities, properties of functions (simple and composite), polynomial, rational, exponential, and logarithmic functions, systems of linear equations and inequalities

**Prerequisite:** MTH 102, Intermediate Algebra

### **Student Learning Outcomes:**

<b>Students will demonstrate the following knowledge and skills:</b>	<b>Assessment</b>
1. The learner will solve, simplify and graph equations and inequalities	Homework and tests
2. The learner will simplify and evaluate simple and composite functions	Homework and tests
3. The learner will demonstrate an ability to simplify and evaluate polynomial, rational, exponential, and logarithmic functions	Homework and tests
4. The learner will solve a system of linear equations using at least two different methodologies	Homework and tests
5. The learner will apply mathematical principles to contemporary issues relating to cultural diversity and Native American culture	Classroom discussions
6. The learner will demonstrate the ability to use appropriate technology including calculators, fingers and toes, and computer algebra systems to solve problems	Tests

## **POLICIES**

### **Course Attendance Policy**

You are expected to attend all class sessions, on time and prepared to learn. If you need to miss class, please be courteous and contact your instructor to inform them of your situation.

### **Policy for Late Submission**

Homework will not be accepted if it is handed in after the due date given in class. Any exam missed due to an excused absence must be taken within two weeks after the day the exam was given to receive credit.

### **Student Behavior in the Classroom**

UTTC students will conduct themselves in the classroom during class time in a responsible and respectful manner. Student behavior that interferes with learning in the classroom will not be tolerated. This behavior includes chronic tardiness, threatening confrontations, intoxication, inappropriate physical contact, lewd or disrespectful language or gestures directed at the instructor or at fellow students, bullying, direct or indirect intimidation, and conversations with other students that are not related to classroom topics. Faculty are expected to maintain professional management of classroom activities prior to, during and after class times. As such, if a student demonstrates behavior that disrupts or interferes with classroom activities, an instructor reserves the right to ask the student to leave the classroom, to contact campus security, to request mediation by the academic department chair or an academic/personal counselor, or to file a formal complaint subject to a student disciplinary hearing.

### **Cell Phones**

Out of respect for the other students, instructor, and yourself it is advised that cell phones are set to silent during class times. The calculator feature on a cell phone is not acceptable for use on tests and will not be allowed.

### **Students with Disabilities**

United Tribes Technical College recognizes its responsibility for making reasonable accommodations to ensure there is no discrimination on the basis of a disability. The Office of Disabilities Services coordinates reasonable support services, accommodations, and appropriate referrals aimed at removing barriers and providing an equitable learning environment. If you have a disability, please contact the Disabilities Services office located in the Education Building Room 123B (first floor). The DSS department can also be reached at 701.255.3285 ext. 1516.

### **Plagiarism and Academic Integrity**

Plagiarism is the term for taking credit for work that is not your own. This means you cannot take material from articles, books or websites you find in the library and present it as your own work, you cannot let your friends prepare your assignments, and you cannot copy an assignment from a student who took the same course another semester. Plagiarism is taken seriously because this is a place for learning and new ideas; your assignments are the evidence you provide of your learning, your original ideas.

Providing work that is not your own or that is not unique to the assignment is inappropriate because it is a form of dishonesty. The consequences of plagiarism are severe: you will be given an F on the specific assignment, or the entire course, at the instructor's discretion. If you need advice on how to appropriately cite the work of others, please ask. Briefly as long as you acknowledge that an idea is not your own, but give the original source, and so long as the assignment contains sufficient original work in addition to whatever is quoted from others, you are generally not going to get into trouble.

Other violations of academic integrity are also inappropriate though they do not generally have the same severe consequences as plagiarism. One example would be lying about the reason for an absence, or signing someone else's name to a sign-in sheet when they were not present. Please keep in mind that students generally ask their instructors for recommendations, whether for jobs or for scholarships.

### **Class Cancellation Policy**

In every situation, the decision to cancel classes is taken very seriously. The reputation of the College and the integrity of the academic program rely on every class being conducted according to the schedule. On rare occasions, there are unexpected emergencies that require class to be cancelled. If possible, a substitute instructor will be found. Otherwise a note will be placed on the classroom door informing students of the cancellation and a notice will be put on the class webpage.

## Evaluation of Student Performance

Students' grades will be based on four tests (50%), weekly quizzes (20%), homework (20%), and a writing assignment (10%), weighted according to the percentages given. Late quizzes and homework will not be accepted, however the two lowest quiz scores and the two lowest homework scores will be dropped from your grade. Homework must be written legibly and include evidence to support your answers, not just an answer, to earn full credit. The final letter grade will be given according to the percentages below.

<b>A</b>	<b>90 – 100%</b>
<b>B</b>	<b>80 – 89%</b>
<b>C</b>	<b>70 – 79%</b>
<b>D</b>	<b>60 – 69%</b>
<b>F</b>	<b>Below 60%</b>

## Incomplete Policy

A grade of I (Incomplete) will be recorded when a student is making progress in classes, but is unable to complete course requirements for reasons beyond his/her control and after negotiation between the teacher and the student about how the course can be completed. Except for emergencies, such as exceptional personal illness, a death in the family, or other unforeseeable emergencies, a student must contact their instructor within two weeks prior to an event or events that they feel would interfere with their ability to attend class and finish the semester successfully. A minimum of a 'C' grade is required for the student to receive an Incomplete. Copies of the negotiated agreement will be filed with the Registrar, the advisor, and the student. Students have two weeks into the succeeding semester to complete the necessary work.

## SYLLABUS SIGNATURE PAGE

**Course Title:**

**Course Number:**

**Credit Hours:**

**Instructor:**

My signature below indicates that I have read and understand this syllabus and have been given a copy of my own to keep.

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Student's Printed Name

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Student Signature

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Date