

**JAMESTOWN COMMUNITY COLLEGE**  
**State University of New York**

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**COURSE ABBREVIATION & NUMBER:** MAT 1710

**COURSE TITLE:** Calculus and Analytic Geometry I

**COURSE INSTRUCTOR:** Miss Stamets

**CONTACT INFORMATION:**

**CURRENT SEMESTER:** Full Year 2022 – 2023

Phone: 716 – 375 – 6600 ext. 2229

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Website: [www.alcsny.org/stamets](http://www.alcsny.org/stamets)

**OFFICE HOURS:** Period 9 (Math Lab) daily or by appointment

**TEXTBOOK/REQUIRED MATERIALS:** Openstax – Calculus Volume 1

<https://openstax.org/books/calculus-volume-1/pages/1-introduction>

**COURSE DESCRIPTION:** Students will study the fundamental concepts of calculus. Topics include an introduction to analytic geometry, functions, limits and continuity, and derivatives and integrals and their applications. **An approved graphing calculator is required. A computer algebra system such as DERIVE is incorporated into the course.**

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**GRADING POLICY:**

AVERAGE	GRADE
92 – 100	A
88 – 91	B+
83 – 87	B
79 – 82	C+
74 – 78	C
70 – 73	D+
65 – 69	D
less than 65	F

Quarterly Averages are based on homework, labs, quizzes, and tests.

The average is calculated as follows: Total Points Earned divided by Total Points Possible

Final Grade = Sum of quarterly averages and final exam divided by five

**EVALUATION OF YOUR WORK (COMPONENTS):**

1. Homework – Homework will be collected periodically. Each homework assignment is worth 20 points.
2. Labs – Each lab performed for class will need to be turned in and is worth 20 points.
3. Quizzes – Quizzes are announced or unannounced and may be take home. Each quiz is worth 50 points.
4. Tests – There is one announced test per chapter. Each test will be spread over two days because of the amount of material in each chapter. Each test will be worth 100 points.

**ATTENDANCE POLICY:** (Refer to Allegany-Limestone High School's attendance policy)

When a student is absent from school, it will be his or her responsibility to contact me to receive the assignments and complete the work in a timely fashion. When a student misses class due to participation in band, chorus, athletics, or other school functions, it is their responsibility to make **PRIOR** arrangements to receive the assignment covered that day and have it completed the following day with the rest of the class.

**LATE ASSIGNMENT POLICY:** Late assignments will only be accepted one day late at 50% of the original grade.

**BLACKBOARD USE POLICY:** Policy pending

### **PERSONAL TECHNOLOGY DEVICE USE:**

The use of cell phones, I-pads, MP3 players or other personal technology devices is not permitted at any time or for any reason during class time.

### **CLASSROOM OBJECTIVES AND EXPECTATIONS:**

#### 1. Homework

Doing homework is the most important key to being successful in Mathematics. Students **MUST** do the homework assignments. This is an expectation and a necessity. Success in this course will be very difficult for any student who fails to complete homework assignments. All homework **MUST** be completed in pencil. Homework must have the student name and assignment written at the top of the page. Please no fringe.

#### 2. Materials

Students are expected to be in class on time each day with the proper materials. This includes the textbook, a pencil, graphing calculator, notebook, and binder. Students must keep a daily notebook. It should contain important points, terms and examples on how the homework is to be completed. It is important that each student learn how to use their notebook for doing homework and studying for tests. During every lesson each student should “see it on the board, hear it in my voice, and write it in their notebook.”

#### 3. Graphing Calculators

Students will need a graphing calculator throughout the course. If a student would like the option, he or she may borrow one from the school. The student will be required to sign a contract at the time of borrowing the calculator. The class will complete Calculus labs during the course using Derive.

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### **IN GENERAL:**

I will work very hard to help students be successful in this course. Student cooperation, attitude, effort, and attendance affect the outcomes of their schooling, as well as their future aspirations. They must begin to take responsibility for their decisions and their future. Only the student can do the homework and studying necessary to learn the subject; the teacher can only facilitate the process and guide the students.

**SUCCESS =**  
**Keeping up with homework + Good Attendance**  
**+ Paying close attention, asking questions, and taking good notes**  
**+ Coming in for help when necessary**