

Precalculus Mathematics
AMAT 100

Full Year
Room 248 daily

Mrs. Anita Wheeler awheeler@unatego.stier.org 607-988-5098

Office Hours: 7:30-8:00 am OR 3:00-3:30 pm

Course Description: As you can see below, this class will introduce you to a wide variety of topics. To facilitate your learning, there are work days included in our schedule so you may work together to help each other be successful.

<u>Unit</u>	<u>Approximate Number of Days</u>
1. Number Theory	20
2. Equation Theory	30
3. Function/Graphing Theory	20
4. Trigonometry: Graphs	20
** Midterm Exam**	10
5. Trigonometry: Equations	15
6. Exponential/Logarithmic Functions	12
7. Vectors	16
8. Matrices	12
** Final Exam**	10

Each unit will have a quiz and a test. There will be no time off in June. All evaluations will be announced in advance. The day count above will give you a rough idea of timing for the year.

Objective: Your goal is to maintain a 70% in this class to receive a minimum letter grade of C- on your college transcript for this class. There is no pass/fail option, only letter grades A - E.

<u>Grade Scale:</u>	95-100 = A	90-94 = A-	87-89 = B+
	84-86 = B	80-83 = B-	77-79 = C+
	74-76 = C	70-73 = C-	65-69 = D
	<65 = E		

Prerequisites: Passing the Trigonometry class and Regents OR recommendation of Mr. Hamilton and my approval.

Grading: 20% Final Exam, 40% Tests, 32% Quizzes, 8% Homework

Materials: You will be provided a copy of Foundations for Advanced Mathematics by Gantert and Brenner. If the book is not

returned at the end of the year, or if it is ruined, you will be charged \$100 for its replacement. You will need a scientific calculator. A graphing calculator is optional, for we have a classroom set that we will be using.

Attendance: A maximum of 20 absences will be allowed for a full year course. 2 points will be deducted from your final grade for every absence above 20.

Standards of Academic Integrity: The University at Albany expects all members of its community to conduct themselves in a manner befitting its tradition of honor and integrity. Members are expected to assist the University by reporting suspected violations of academic integrity to appropriate faculty and/or administrative offices. Behavior that is detrimental to the University's role as an educational institution is unacceptable. Claims of ignorance, of unintentional error, or of academic or personal pressures are not sufficient reasons for violations of academic integrity.

The following are examples of the types of behaviors that are defined as academic dishonesty and are therefore unacceptable:

Plagiarism: Presenting as one's own work the work of another person. Plagiarism includes paraphrasing or summarizing without acknowledgment, submission of another student's work as one's own, the purchase of prepared research or completed papers or projects, and the unacknowledged use of research sources gathered by someone else;

Cheating on Examinations: Giving or receiving unauthorized help before, during, or after an examination;

Multiple Submission: Submitting substantial portions of the same work for credit more than once;

Sabotage: Destroying, damaging, or stealing of another's work or working materials;

Unauthorized Collaboration: Collaborating on projects, papers, or other academic exercises that is regarded as inappropriate by the instructor(s);

Falsification: Misrepresenting material or fabricating information in an academic exercise or assignment; and

Bribery: Offering or giving any article of value or service to an instructor in an attempt to receive a grade or other benefits not legitimately earned or not available to other students in the class.

Circumventing Security: Users are prohibited from attempting to circumvent or subvert any system's security measures. Users are prohibited from using any computer program or device to intercept or decode passwords or similar access control information..

The violations listed above should be reported to the UHS Program Office immediately. All parties involved will be directed accordingly.