

Syllabus for Math 1280, PreCalculus

Instructor:

Phone:

Office: MSc

E-mail: @bgsu.edu

Office Hours: or by appointment

WebAssign's Key Code:

Text and Materials:

Authors: Stewart, Redlin and Watson

Title: Precalculus, Mathematics For Calculus, 7th edition

Calculator: A graphing calculator is also required, preferably a TI-83 or TI-84.

Enhanced WebAssign:

Enhanced WebAssign (EWA) is an online program that is required to complete assignments. The easiest and the highly recommended way of accessing Enhanced WebAssign is by going to www.webassign.net and clicking on "Enter Class Key", enter the Class Key (see above) and then select the free 14 day trial on the payment page. Before the free 14 day trial is up you will need to purchase access. Your teacher will give you a separate paper explaining how you can register for Enhanced WebAssign and how to purchase access to Enhanced WebAssign.

Note: If you have already purchased WebAssign for this textbook, you do NOT need to purchase it again. Simply enter this semester's Class Key and then log in.

For technical assistance with Enhanced WebAssign go to <https://webassign.com/support/student-support/>. Contact Technical Support when you have issues with Enhanced WebAssign working properly. Questions regarding how to complete a math question should be addressed with your teacher.

Course Aim:

The course aim is to give students the necessary algebraic and trigonometric skills to be successful in Calculus. This class will also help develop mathematical thinking and communication skills.

Topics Covered:

This course will cover:

Chapter 1: Fundamentals

Chapter 2: Functions

Chapter 3: Polynomial and Rational Functions

Chapter 4: Exponential and Logarithmic Functions

Chapter 5: Trigonometric Functions: Unit Circle Approach

Chapter 6: Trigonometric Functions: Right Triangle Approach

Chapter 7: Analytic Trigonometry

Chapter 10: Systems of Equations and Inequalities

Pre-lecture Reading Assignments:

You will be required to read each section and complete a Pre-lecture Reading Assignment prior to discussing the section during class. All Pre-lecture Reading Assignments are on Enhanced WebAssign .

In-Class Assignments:

We will have several quizzes and/or small projects throughout the semester.

Homework:

Homework is completed online within Enhanced WebAssign. When completing an assignment Enhanced WebAssign will give you a new, but similar problem after you enter 3 incorrect answers. Furthermore, Enhanced WebAssign will deduct 10% from any problem for each answer you enter beyond 3 answers. In other words, no deduction will be made for the first 3 incorrect answers on a particular problem but 10% will be deducted for that problem for the 4th answer, 20% for the 5th answer and so on.

Although you are encouraged to consult with other students and seek help from your instructor, assignments should ultimately represent your own work. Answers unsupported by work will not receive credit. Completing all assignments and class participation is essential to the students' success.

Exams:

There will be 4 exams and a cumulative Final Exam.

Exam 1 (Sections 1.9, 2.1, 2.2, 2.3, 2.6, 2.7, 2.8, 3.1, 3.2)	September 20, 7:30-9:00PM
Exam 2 (Sections 3.3, 3.6, 3.7, 4.1, 4.2, 4.3, 4.4)	October 11, 7:30-9:00PM
Exam 3 (Sections 4.5, 5.1, 6.1, 5.2, 6.2, 6.3, 5.3, 5.4, 5.5, 6.4)	November 8, 7:30-9:00PM
Exam 4 (Sections 7.1, 7.2, 7.3, 7.4, 7.5)	November 29, 7:30-9:00 PM
Final Exam (cumulative with a small emphasis on 10.1, 10.2)	December 10, 6:00-8:00PM

Evaluation:

Your final grade in the class will be calculated as follows:

Pre-lecture Reading Assignments within EWA	50 Points	6.25%
Homework within EWA	100 Points	12.5%
In-Class Assignment (Quizzes, Projects, etc.)	100 Points	12.5%
Exam 1	100 Points	12.5%
Exam 2	100 Points	12.5%
Exam 3	100 Points	12.5%
Exam 4	100 Points	12.5%
Final Exam	150 Points	18.75%
TOTAL	800 Points	100%

Grading Scale	
90-100%	A
80-89.99%	B
70-79.99%	C
60-69.99%	D
0-59.99%	F

Attendance:

Coming to class is extremely important. It has been shown that students that come to class on a regular basis (present at least 85% of the time) have a much higher success rate than those students that are absent often. So, make it a habit to come to every class prepared and ready to learn!

Placement:

When developing lessons and activities, your teacher must take for granted that you have mastered concepts presented in prerequisite courses. The pace of this course precludes the opportunity to review these concepts in class before they will be used extensively. If you know that your skills are weak in any of these areas, I encourage you to discuss your concerns with your teacher or with a tutor so that we can help you strengthen your skills. If you have not met all of the prerequisites, you should immediately consult with your academic advisor and with your teacher so that we can place you in the appropriate math class.

Dropping the Course:

During the first 14 calendar days of the semester, you may drop this course with no record on your transcript. After the second week, you must follow the formal withdrawal policy. When you withdraw from a course, University policy dictates that a grade of W (Withdrawn) will be assigned. If you withdraw from the course after the

twelfth week of class, you will be assigned a grade of ATN. If you stop attending and participating in the course but do not officially drop or withdraw from the course, you will be assigned a grade of ATN at the end of the semester. If you do not take the final exam, you will be assigned a grade of ATN, per official University policy. The grade of ATN will appear as an F on your transcripts and will be calculated into your GPA.

Academic Honesty:

The instructor and students in this course will adhere to the University's general Codes of Conduct defined in the BGSU Student Handbook. Specifically, the Code of Academic Conduct (Academic Honesty Policy) requires that students do not cheat, fabricate, plagiarize or facilitate academic dishonesty. Students who passively engage in cheating (i.e. allowing others to cheat off of them) may receive the same consequences as the person copying.

Course Coordinator:

If you have a problem or concern you are encouraged to discuss the issue with your teacher. If you cannot resolve the issue with the teacher, you should contact the course coordinator. The course coordinator is: Ann Darke, 411 Mathematical Sciences Building, 419-372-7458, darkea@bgsu.edu

Department Mediator:

If you have a problem or concern that cannot be resolved by discussing the issue with your teacher or with the course coordinator, you should contact the department mediator. The department mediator is: Dr. Kit Chan, 415 MSC, 419-372-7468, E-mail: kchan@bgsu.edu

See <http://www.bgsu.edu/arts-and-sciences/mathematics-and-statistics/general-math-course-info/departamental-mediator.html> for more information

Students with Disabilities:

Students who have or acquire a disability which raises academic concerns may contact Disability Services for Students in College Park room 38, telephone 419-372-8495 (voice) and 419-372-8496 (fax). If a student is currently registered with the Office of Disability Services, the student is required to give the instructor a copy of any official paperwork so that the instructor can make the necessary classroom and assessment adaptations.