Syllabus - MATH 1280 (PreCalculus)

Instructor:

Phone:

Office:

e-mail: @bgsu.edu

Office Hours:

Enhanced WebAssign's Class Key: **bgsu**

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.

You can purchase a hard copy of the textbook + access to Enhanced WebAssign **OR** just access to the Enhanced WebAssign (which includes the *eBook*) at http://www.cengagebrain.com/course/3598221 (Links to an external site.) (Links to an external site.).

You can choose one of the following options:

- Consider purchasing ***Cengage Unlimited*** if you are taking other courses that use Cengage products.
- Purchasing ***WebAssign Instant Access*** will give you access to the *eBook* and Homework Assignments (this is the most typical student choice).
- By purchasing the ***Bundle*** you will receive access to the *eBook* and Homework Assignments, together with a hard copy of the book.

Enhanced WebAssign:

Enhanced WebAssign (EWA) is an online program that is required to complete the assignments. The easiest and the highly recommended way of registering on EWA is by going to www.webassign.net and clicking on "Enroll with 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. A handout explaining how you can register for EWA and how to purchase access to EWA is posted on Canvas under MODULES.

For technical assistance with EWA go to https://webassign.com/support/student-support/ (Links to an external site.). Contact Technical Support when you have issues with EWA 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

In-Class Assignments:

Written in-class quizzes (announced in advance) will be given at the end of class. They will consist of several questions that are similar to examples shown in class or problems assigned as homework. There are **no make-up quizzes**.

Other graded assignments could be offered throughout the semester.

Homework:

Homework is to be completed online within Enhanced WebAssign. Each assignment must be submitted by the indicated due date. Late work is not accepted in this course. However, the lowest three HW scores will be dropped at the end of the semester.

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.

One WebAssign Quiz that covers some of the prerequisite Algebra material must be completed and submitted **before the 2nd week of class**.

Exams:

There will be 4 exams and a cumulative Final Exam. There are **no make-up exams**. Tentative Exam days and coverage:

Exam 1 (Sections 1.9, 2.1, 2.2, 2.3, 2.6, 2.7, 2.8)	
Exam 2 (Sections 3.1, 3.2, 3.3, 3.6, 3.7, 4.1, 4.2)	
Exam 3 (Sections 4.3, 4.4, 4.5, 6.1, 6.2, 6.3)	
Exam 4 (Sections 5.1 - 5.5, 6.4, 7.1, 7.2, 7.3)	
Final Exam (cumulative, including 7.4, 7.5, 10.1, 10.2)	

If there is a **documented emergency** and you cannot come to an exam, you must **inform your instructor and the course coordinator** as soon as possible and present a **written excuse** in order to receive special consideration.
If you have a conflict between an exam and a University-sponsored event **for which the University provides an exam proctor**, you must **inform your instructor and the course coordinator at least two weeks before the exam date**.

Evaluation:

There will be **no extra credit** assignments in this course. The grades **will not be rounded up or curved**.

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

Homework within EWA	12%
EWA Prerequisite Quiz and In-Class Assignments (Quizzes, Worksheets, etc.)	13%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Exam 4	15%
Final Exam	15%
TOTAL	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 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**!

Cell Phones/Electronic Messaging Devices:

Make sure that your cell phone (or another electronic messaging device) is **off and away** during class sessions.

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.

Math & Stat Tutoring Center: During the semester, BGSU operates and staffs a drop-in center where you can go for help with your coursework. To find out the location, the hours, and other services available, visit: http://www.bgsu.edu/learning-commons.html

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: **Irina Franke, 441 Mathematical Sciences Building, 419-372-6651, ifranke@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

For more information see https://www.bgsu.edu/arts-and-sciences/mathematics-and-statistics/general-math-course-info/departmental-mediator.html (Links to an external site.)

Students with Disabilities:

Students who have or acquire a disability which raises academic concerns may contact Accessibility 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 Accessibility 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. For more information see https://www.bgsu.edu/accessibility-services.html