

MTH-128S-801FS

PRECALCULUS SYLLABUS PART 2– ONLINE

EDISON STATE COMMUNITY COLLEGE

5 CREDIT HOURS

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Office: Room 212; MW 9-10am and T/TH 9-10:30am; online as needed

Required Materials: OpenStax Precalculus 2E (free URL or purchase book)
AND XYZ homework pass (required purchase)

Week	Lessons in XYZ and OpenStax textbook Notice that some sections in the book are skipped.	Due Date in XYZ by 11:59 pm
1	1.1 Functions and Function Notation	8/25
	1.2 Domain and Range	
	1.3 Rates of Change and Behavior of Graphs	8/28
	1.4 Composition of Functions	
2	1.5 Transformations of Functions	9/1
	1.6 Absolute Value Functions	
	1.7 Inverse Functions	9/4
	2.1 Linear Functions	
3	2.2 Graphs of Linear Functions	9/8
	2.3 Modeling with Linear Functions	
	3.1 Complex Numbers	9/11
	3.2 Quadratic Functions	
4	3.3 Power Functions and Polynomial Functions	9/15
	Test 1	9/18
5	3.4 Graphs of Polynomial Functions	9/22
	3.5 Dividing Polynomials	
	3.6 Zeros of Polynomial Functions	9/25
6	3.7 Rational functions	9/29
	3.8 Inverses and Radical Functions	
	4.1 Exponential Functions	10/2
7	4.2 Graphs of Exponential Functions	10/6
	4.3 Logarithmic Functions	
	4.4 Graphs of Logarithmic Functions	10/9
	4.5 Logarithmic Properties	
8	4.6 Exponential and Logarithmic Equations	10/13
	4.7 Exponential and Logarithmic Models	
	Test 2	10/16
9	5.1 Angles	10/20
	5.2 Unit Circle: Sine and Cosine Functions	
	5.3 The other Trigonometric Functions	10/23
	5.4 Right Triangle Trigonometry	

To accommodate the needs of this course, the instructor may alter the syllabus at any time.

10	6.1 Graphs of the Sine and Cosine Functions	10/27
	6.2 Graphs of the Other Trigonometric Functions	
	6.3 Inverse Trigonometric Functions	10/30
11	Test 3	11/3
	7.1 Solving Trigonometric Equations with Identities	11/6
12	7.2 Sum and Difference Identities	11/10
	7.3 Double-Angle, Half-Angle, and Reduction Formulas	
	7.5 Solving Trigonometric Equations	11/13
13	8.1 Non-Right Triangles: Law of Sines	11/17
	8.2 Non-Right Triangles: Law of Cosines	11/20
14	8.3 Polar Coordinates	11/24
	8.8 Vectors	11/27
15	Test 4	12/1
16	Final Exam	12/4
	Class is over!	

Classroom Courtesy

Conduct yourself in a manner that is conducive to learning. Be kind in your communication with others and to me. If you behave inappropriately, you will be removed from the class.

Expectations Outside of Class

Precalculus is College Algebra and Trigonometry combined into one course designed for students who will move on to Calculus. Because Precalculus is a 5-credit hour, 16-week course, you can expect to spend 15-18 hours per week on assignments, homework, exams, asking questions/receiving tutoring, and studying. The pace of this course moves **very** quickly and waiting until the last minute can be detrimental to understanding your assignments and grades, due to questions or technology issues you might have. If this time requirement is not conducive to your lifestyle, I recommend you drop the course.

Throughout semester: read the textbook, watch and re-watch the videos in XYZ and **take notes**, make flashcards of vocabulary terms, memorize and understand how to use the unit circle and the formulas, utilize the help buttons in XYZ, sign up and use Edison State's free tutoring, or email me if you have a question. If you struggle learning mathematical concepts, consider registering for Precalculus in person or a different math course that does not prepare you for Calculus.

Communication

This is an online course, therefore, reading the Announcements section of Blackboard weekly is required. This is how you and I remain on the same page.

The easiest and best way to communicate with me is through email. My email is listed on the first page of the syllabus, feel free to contact me at any time. I check my email frequently, however, please allow 24 hours as a maximum length of time for me to respond to you during the week and 48 hours on the weekend. All students **MUST** use their Edison email accounts when corresponding regarding this course. **Since this is an online course, it is imperative that you check your Edison email every day.** Your Edison State Outlook email is embedded within your free Microsoft Office 365 account. You can access this by going to Edison State's homepage, click on Current Students, and then Office 365. Put your email account on your phone! This is the main way I contact you.

Calculator

TI- 83 or 84, or any scientific calculator

Grade Weight Allocation*

To accommodate the needs of this course, the instructor may alter the syllabus at any time.

30% XYZ Homework

50% Tests

20% Final Exam

*Weighted grades cannot be calculated by dividing your points earned by your total points. Blackboard weighs your grades and your current grade in this class is called "Overall Grade" in Blackboard.

Grade Scale

90-100% A

80-89% B

70-79% C

60-69% D

0-59% F

Attendance/Participation

This is an online course, so checking your Edison State email and our Blackboard Announcements daily is a requirement. Add your Edison State email on your cell phone!

Turning in your work on time is crucial to your success. If you begin your assignments the day they are due, you are behind. This is a five-credit hour, 16-week course and you can see you have an average of 4 assignments due each week, so starting your assignments the day they are due will put you behind. To accommodate late/missing work, missed assignments, etc, your five lowest homework grades are automatically dropped from your final weighted average as they are entered into Blackboard. No exam grades will be dropped. I do not give make-up exams, as it is not fair for the rest of the class who prepared to take the exams on time. You have access to all the due dates for all the assignments on the first day of class, so work ahead and plan accordingly. Procrastination is not your friend when working on assignments. I do not extend due dates, even for technical issues. Take the Practice Test as many times as you need to ensure you are set up correctly to take all tests and exams.

Notes

You are expected to take clear and meaningful notes on every section covered in class. They will assist you in completing other assignments required for this class. You are expected to read the textbook, review and take notes on the provided PowerPoints (note some sections are skipped), watch the embedded XYZ videos, and take notes on the written explanations and examples for each homework assignment. Use other online resources as needed.

Homework in XYZ

No late homework will be accepted. To accommodate emergency situations for late/missed work, remember that your five lowest homework grades are dropped as they are entered into Blackboard. Please do not email me for extensions, as your five lowest scores will be dropped as they are entered to maintain fairness to the entire class. Online homework assignments have unlimited attempts until the due date, so continue to correct your mistakes on the homework questions until you get the best grade possible. The link to access XYZ is location in Blackboard and a tutorial on how to create your XYZ homework account is also in Blackboard.

Homework due dates are posted on the first day of class. Notice that the due dates are Tuesdays and Fridays. Please work ahead if the weekdays are busy for you! Completing your homework in a timely manner is essential to success in this course. You have access to all the due dates for all the assignments on the first day of class, so work ahead, plan accordingly and do not procrastinate. Use the resources provided for you in XYZ to help you. You can also utilize Edison State's free in person or eTutoring if you have questions. Allow 24 hours during the week, and up to 48 hours on the weekend for me to respond to your emails.

See the Academic Dishonesty section below for our institution's cheating policy. *All work must be completed by you and you only.* For technology issues with XYZ, contact their Customer Support. Unfortunately, I cannot help with technology issues. Procrastination is not your friend when completing homework, so work ahead. If you begin your assignments the day they are due, you are behind.

To accommodate the needs of this course, the instructor may alter the syllabus at any time.

Contacting XYZ Customer Support

Please do not email me for an extension due to issues you are having with your computer. If/When you run into technological issues with homework or exams, you must contact the Edison State IT helpdesk or XYZ Support. Since this is an online class, I cannot sit at your computer and help you with these types of issues. Waiting until the last minute for your assignments does not allow us time to work out these issues, so work ahead on your assignments. Take the time to complete the Practice Test before you take each actual exam to ensure your computer is working correctly.

eTutoring

All students enrolled at Edison are eligible to receive learning assistance services. Learning assistance services includes eTutoring and is free to Edison students. Visit <https://www.edisonohio.edu/tutoring-center/> to sign up. You can also access tutoring information at the Edison State Library website.

Exams – 4 Unit Exams in Blackboard

You will need a laptop or desktop to download Respondus Lockdown Browser with Monitor. This means you need to install a special browser and have a working webcam for this course. Do not wait until the last minute to take your exams! Be sure to take the Practice Exam as soon as possible. You will take your exams online and you might run into technological issues. Waiting until the last minute does not offer us time to work these issues out before the due date. Work ahead!

You will be required to prepare for and take all exams on their scheduled dates and within the allotted time. You will be allowed one (1) attempt for each exam, therefore, **DO NOT CLICK ON THE TESTS BEFORE YOU ARE READY TO TAKE THEM.** Tests/Exams are timed and once you begin, you must finish them in the same sitting.

There will be no make-up or re-do exams, as it is not fair to the rest of the class who prepared for and took the exam on time. All exams are multiple choice and graded fully on correctness. You may use your calculator, formula sheets, or handwritten notes on the exams. You may not use your cell phone or any other digital device that can access the internet. I will not extend the time of the exam, so be adequately prepared when you sit down to take it.

See the Academic Dishonesty section of Edison State's Student Handbook for our institution's cheating policy. *All work must be completed by you and you only.*

Final Exam

Your final exam must be completed on time in order to pass the course. The final exam policies are the same as the unit exams. If your final exam score is higher than a unit exam score, I will drop your single lowest unit exam score and double your final exam score in its place. This will occur after the entire class has taken the final exam. This encourages you to finish strong and gives you a possible grade boost at the end of the course. At the end of the course, your final grade is your grade. I do not change grades for any reason, including but not limited to athletic eligibility, graduation requirements, etc. Put in hard work and diligence throughout the semester and do not ask me to change your final grade.

Extra Credit

There will be no extra credit, so please do not ask for it. Here are some suggestions for work you can put in throughout the semester: sign up for eTutoring at the beginning of the semester on the Edison State Library website for free tutoring, ask a tutor when you have questions on the material, turn in your assignments on time and completed, spend a minimum of 15-18 hours outside of class time working on the coursework (PowerPoints, note-taking, book assignments, asking questions, homework, and studying), do not skip any assignments, redo assignments until you get a perfect score, take detailed notes that make sense to you when you study, mark the questions you need to study extra, make flash cards to help you remember tough topics/formulas/definitions and study them often, check your email and your Blackboard course every day for updates, and read weekly announcements. Procrastination is not your friend. If you begin your assignments the day they are due, you are behind.

eTutoring and Tutoring Center

All students enrolled at Edison are eligible to receive learning assistance services. Learning assistance services includes in person and etutoring, and both are free to Edison students. Visit <https://www.edisonohio.edu/tutoring-center/> to sign up for etutoring.

Academic Dishonesty

Because engaging in dishonest practices undermines the trust that is essential in any social relationship, honesty is expected in all matters. Academic honesty requires that you never submit another's work as your own. You will not plagiarize from a printed source, an electronic source, or another student's work, nor will you allow someone else do your work. You will not copy from another student's examination or use unauthorized notes. You will not avoid the timely completion of work by misrepresenting the conditions that cause you to miss a deadline or an examination. You will not assist another student in any dishonest practice. If you engage in academic dishonesty, you will receive a failing grade for the course. Additionally, students are expected to be familiar with and to uphold all student rights and responsibilities as outlined in the student handbook. Read the student handbook for more details.

ARTIFICIAL INTELLIGENCE RESTRICTIVE POLICY

Students cannot use AI tools such as ChatGPT on assignments in this course. All assignments should be prepared entirely by the student. Developing strong competencies in this area will prepare you for a competitive workplace. Therefore, AI-generated submissions are prohibited and will be treated as academic misconduct.

TESTING YOUR FAITH ACT POLICY

Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, <https://www.edisonohio.edu/services-support/registration-records>, located in "Forms" and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at <https://www.edisonohio.edu/services-support/student-resources>