

**MATH 115 – Precalculus (3 credit hours)**  
**Fall 2020**

**Syllabus for Section 2**  
**M, T, W, Th, F**  
**11:00am – 11:50am via Zoom**  
**(see Canvas for invitation of reoccurring meetings)**

**Instructor:** Dr. Kelle Clark  
Office: Austin Auditorium 102 (behind stage right)  
Office hours: 12 – 1:00 pm M – F  
2 – 3:30 pm M, W and by appointment

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**Description of Math 115** This course covers linear and quadratic functions, polynomials and rational functions, exponential and logarithmic functions, trigonometric identities.

**Prerequisites:** Algebra I and II, Geometry (passing grade in all three) or recommendation through Wingate Math Placement test.

**Course Style:** This class will be ONLINE for everyone from August 24<sup>th</sup> throughout the entire semester. Students are required to complete desmos activities with embedded video presentation and responses within each week's module. Zoom meetings will be held during each class meeting time to assist students with managing expectations and to answer questions.

**Required Material:**

1. WebAssign. This is a web-based application that allows you “endless” practice problems with real-time feedback. To obtain an access code, you can:
  - a. You go into our Canvas page, click on the left tab for Assignments, and under WebAssign directions you will find a URL and class key. Please note they give you an option of a one-time-FREE-14 consecutive day trial access to WebAssign. Our class key is wingate 5349 9968
  - b. If you purchase a NEW textbook (mentioned below) an access code comes with the purchase.
2. Access to Wifi.

3. I will be covering all of the material through our required activities placed in the Modules tab of Canvas that cover the content in the textbook: [Precalculus](#)

“Precalculus: Mathematics for Calculus”, 7<sup>th</sup> ed. by Stewart, Redlin, Watson. (<https://wingate.textbookx.com/institutional/index.php?action=browse#books/2420252/>)

You should use your best judgement and understanding of how you best learn mathematics when making the decision to purchase either an ebook, a physical copy of the text, asking around in among your peers for an old copy etc....

4. Access to a graphing calculator, such as a TI-83. Note: WebAssign assignments will already contain access to a graphing calculator when needed and you can use an online calculator like <https://www.desmos.com/scientific>

## Class Structure

1. Weekly HW assignments:

**when is HW due?** HW is due every Friday by 4pm starting on August 28<sup>th</sup>.

**where do I find assignments:** Canvas → Assignments (instructions are given in text under WebAssign). There are instructions to access WebAssign under Canvas → Modules and under Canvas → Assignments. You need to go to the website for WebAssign and create an account. The very first time you go to WebAssign you will either enter in your already purchased WebAssign access code OR agree to a 14 day trial OR purchase access for the semester. Our class code is wingate 5349 9968

**when are assignments made available?:** The following week's assignments will become visible the Friday/Saturday prior to that week. For example, HW for the first week of school will be available starting on August 21<sup>st</sup>.

**how do I turn in an assignment?** Assignments are submitted through WebAssign. Please show your work in the area provided.

2. Quizzes available only from Wednesday at noon to Thursday at 4pm starting on September 2nd:

**when are our quizzes?** Our weekly quizzes will be made available every Wednesday at noon until Thursday at 4pm starting on September 2nd. They will cover the previous week's material.

**where will I find the quiz:** Canvas → Quizzes. I will give you instructions on how to test out the lockdown browser if we use it.

**how do I take a quiz?** Quizzes are taken through online software. Please show your work in the area provided. You are to abide by the Rules of Conduct for Wingate University: cheating on a quiz would be considered taking the quiz with any form of communication from others or in the presence of material that could assist you in answering the questions.

**how do I take a quiz?** You are given one hour from the time you start the quiz until time

is up unless the quiz is no longer available. This means that to have the full one hour to take the quiz, you must start the quiz with enough time to finish the work before the quiz closes. Simply, do not start the exam at 3pm when the exam closes at 4pm.

**what if I have accommodations for extra time?** If you are registered with the University's Student Resource Center with extra-time accommodations, I strongly recommend that within the first three-four days of the semester you request the center to send me an email that outlines the approved accommodations so that testing is not an issue.

3. **Course content:** Asynchronous delivery of course content will be available through the learning activities I have crafted. These activities are compilations of short videos and required engagement questions, and they allow me to track students' level of engagement and identify concepts that are presenting a challenge.

**when do I do these content activities?** All activities for the week should be completed by the student (using either Google linked to their wingate email or using their Wingate email to create an account sign in to the activity) by 4pm on Friday of every week. These activities are the direct substitute for in class content delivery. Three to five activities for the week will require no more than 1.5 hrs to complete. You are graded on your level of completion of these activities as your class participation.

**where will I find the activities?** Canvas → Modules. Click the link to take you to the student.desmos page with instructions and make sure you have an account. The last bit of the URL is the class code for the activity. Each section of the course has a different code, so please use the link from our Canvas page.

**when are activities made available?:** The following week's activities will become visible the Friday prior to that week. For example, the set of activities for the first week of school will be available starting on August 21<sup>st</sup>.

4. **Distance class time:** A Zoom meeting is scheduled for all regular class times, and invitations to all Zoom meetings can be found on our Canvas page.

**how do I join the Zoom meeting?** The invitation for our repeating meeting is on our Canvas page: Canvas → Zoom.

**what will we do in the Zoom meeting?** This is our opportunity to answer each other's questions, walk through examples of problems given in the week's homework, review for our weekly quiz, check in and address all concerns, clarify concepts. Each scheduled class time opportunities for you to learn concepts through activities, question/answer, demonstrate examples and clarify issues.

**where do I find Zoom recordings?** All meetings are recorded and placed in the cloud. To find them on Canvas, go to the Zoom tab and over to the right is a tab for previous meetings stored in the cloud.

6. **Student etiquette :**

Please be respectful to your peers and teacher during in person and Zoom meetings. Others may have differing opinions from you, agree to disagree.

The use of derogatory and/or discriminatory language is prohibited and may result in you being asked to leave the class.

You must wear appropriate clothing in our Zoom meetings since you will be recorded. Please wear a close fitting mask if you are around others and social distance to keep our community safe.

At no time should students be within six feet of each other as directed by our University and Health officials.

You are responsible for wiping down your work surface before each class with the supplied cleaner in the room.

Your very first assignment is to submit your commitment to following these rules for the entire semester via a google doc that will be shared with you. If you do not agree to these terms, you will be restricted from the in-person sessions.

7. No cell phone usage, even as a calculator in class is allowed.

### **Assignments and Grading**

- Weekly Quizzes on WebAssign – lowest two quizzes dropped including any missed for illness (50% of your grade)
- Class Participation via Desmos Activities available on Canvas every week under Modules – lowest two activity grades dropped including those missed for illness (5% of grade)
- Final Exam on WebAssign (30% of your grade)
- Homework (15% of your grade)

### **Grading scale**

A- = 90 – 93 A = 94 – 100

B- = 80 – 83 B = 84 – 86 B+ = 87 - 89

C- = 70 – 73 C = 74 – 76 C+ = 77 - 79

D- = 60 – 63 D = 64 – 66 D+ = 67 - 69

F = 59 and below

### **Important dates**

<i>August 24th</i>	<i>Everyone starts online Zoom</i>
<i>September 7</i>	<i>Labor Day</i>
<i>November 25 - 29</i>	<i>Thanksgiving</i>
<i>Everyone back to Zoom</i>	Nov. 30 – Dec. 2

The above dates are tentative and subject to change.

**Student Learning Outcomes:** On completion of this course, the students should be able to:

- i. solve linear and quadratic equations
- ii. solve linear, quadratic and absolute value inequalities
- iii. evaluate, manipulate, graph and solve problems involving
  - a. polynomial functions
  - b. rational functions
  - c. exponential functions
  - d. logarithmic functions
  - e. trigonometric functions
- iv. manipulate trigonometric identities

### **The Role and Responsibilities of a Student**

Learning should be engaging, fun, and relevant with ample opportunities for the student to demonstrate knowledge and critical thinking. It is imperative that students take responsibility for their learning. As a student, you should...

- a. Actively participate every day: map out the assignments and activities to be completed.
- b. Stay on pace: you will have weekly activities (see Canvas Modules), weekly homework in WebAssign (see Canvas Assignments) and weekly quizzes (see Canvas) to complete
- c. Check announcements (Canvas Announcements) daily.
- d. Check your University email account daily.
- e. Complete assignments on time: know the due dates.
- f. Seek help from your teacher when needed in Zoom regular class meetings and office Zoom hours.

Your teacher is here to help! Do not hesitate to reach out with questions...as you go along. **Communication early is key to your success.**

**The Resources Center – [arc@wingate.edu](mailto:arc@wingate.edu). This resource is located on the second floor of the Library, and can provide FREE extra help for math, and other classes. \*\* please check on availability due to Covid 19**

### **Accommodating Student with Disabilities**

Any student with a documented disability who is requesting accommodations is required to register for services in the Academic Resource Center (2nd floor Ethel K. Smith Library). Please

contact the Director, Ms. Kristin Wharton at 704-233-8366 or [kwharton@wingate.edu](mailto:kwharton@wingate.edu). All discussions will remain confidential.

**Honor Code:**

Membership in the Wingate University community is a privilege conferred by reason of demonstrated merit and sustained by a continuing commitment to high standards of performance and conduct. The University expects that all members of the community will voluntarily conduct themselves in a manner reflecting respect for all other members of the community. It is the responsibility of all Wingate University students to abide by the Honor Code. Failure to do so will result in consequences outlined in the Wingate University Student Handbook.

The Wingate University Honor code states that:

\*Wingate University students will not lie, cheat, steal, plagiarize, nor do they tolerate in their company the presence of one who does.

\*Wingate University students conduct themselves at all times in a manner that is conducive to the maintenance of a strong, positive environment for study and learning.

\*Wingate University students obey the rules and regulations of the University as outlined in the Student Handbook.

Penalty for violating the Honor Code can result in failure of the class and possible expulsion from the MASM program and University. Full details of the Honor Code can be found in the online catalog.

\*\*In this class, homework assignments are completed and submitted online through WebAssign. You may work to understand the material by working through homework problems in small groups or with a tutor (socially distanced), however each student is given multiple opportunities for each item in the homework. It is highly recommended that YOU rework the assignments with new problem sets (this is an option for every homework) until YOU feel confident that you can work the problem without outside help. You should ALWAYS use the space provided for each problem to show your work. I urge you to take and keep screen shots of issues or concepts that you would like to follow up on.

On quizzes, working with the assistance of anyone else is cheating. You cannot work with another person. Communication in ALL forms with others about our quizzes during the time the quiz is open (Wed – Thurs) each week is considered cheating and will result in the outlined actions in the Student handbook. These actions include a 0 for the assignment and the incident documented.

**\*\*\*STUDENTS WILL BE NOTIFIED OF ANY CHANGES TO THIS DOCUMENT THROUGH ANNOUNCEMENTS ON CANVAS AND THROUGH CAMPUS EMAIL.\*\***