# MAC1140 Precalculus Algebra

**(24101) MW 11:30-12:45 am East Campus 08-115 Spring 2018**

Instructor: Deborah A. Howard

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Office Hours: MW: 10:00 – 11:30 pm 08-207

 TR: 11:30 – 1:30 pm 08-207

 F: 11:30 – 2:30 pm EMAIL

**Course Description:** Prerequisite: Minimum grade of C in MAC 1105 or appropriate score on an approved assessment. Algebra preparation for the calculus sequence. Topics include a symbolical, graphical, and numerical analysis of polynomials, exponential, logarithmic, power, and rational functions; matrices, sequences, induction, binomial theorem and conic sections. Applications emphasizing connections with other disciplines and with the real world will be included. Technology tools will be utilized in addition to analytical methods. Gordon Rule course. Minimum grade of C required if MAC 1140 is used to satisfy Gordon Rule and general education requirements. Credit not given for both MAC 1140 and MAC 1132 nor for MAC 1140 and MAC 1142 nor for MAC 1140 and MAC 1147.

**This syllabus is a contract between the student and the instructor.  By enrolling in and then attending this course, the student agrees to and accepts the terms and conditions of this contract.  It is the responsibility of the student to carefully read this syllabus/contract in its entirety and to adhere to all policies and procedures within the syllabus.**

Core Competencies of a Valencia Graduate: Valencia’s Student Core Competencies are complex abilities that are essential to lifelong success.

This course will help you to develop and demonstrate the abilities to:

1) THINK clearly, critically, and creatively;

2) COMMUNICATE with others verbally and in written form;

3) Make reasoned VALUE judgments and responsible commitments;

4) ACT purposefully, reflectively, and responsibly.

Due to the nature of these global competencies, many of the problems will be presented in the context of an application. These applications will require students to select appropriate information from the problem and communicate effectively in order to explain and/or describe how the student used the skills they are learning to arrive at an appropriate solution for the problem.

Required Course Materials:

1) **A TI-83 or TI-84 graphing calculator is required for this course.**

2) Precalculus with Limits, 2nd edition, Cynthia Young, Wiley (We will be using the unbound version bundled with Wiley Plus software in an effort to cut costs for students.)

**To access homework and quizzes:**
Your **Course Code** is: 574408
1. To log into WileyPlus go to: http://www.wileyplus.com.
2. Click on the "**Register For A New Course!**" and select the option of entering in your paid registration code, purchasing a registration code online, or selecting the two weeks trial membership.

Evaluation: Your grade will be determined by grades on the following:

3 tests: 300 points

Homework 100 points

Quizzes 100points

Final exam: 100 points

Total: 600 points

“A” grade will be assigned for averages 89.5% or higher.

“B” grade will be assigned for averages 79.5% or higher and less than 89.5%.

“C” grade will be assigned for averages 69.5% or higher and less than 79.5%.

“D” grade will be assigned for averages 59.5% or higher and less than 69.5%.

“F” grade will be assigned for averages below a 59.5%.

**Note that no other rounding will be used, so please do not ask!**

Homework: All homework topics are to be completed and submitted online through Wiley Plus. You may submit the homework as many times as you would like until the posted deadline. **There will be no makeup homework given.** One HW section will be dropped at the end of the semester.

Quizzes: Expect a daily in-class quiz on assigned homework problems. There will also be quiz assignments regularly which will be completed and submitted online through Wiley Plus. You may submit the quizzes as many times as you would like until the posted deadline. **There will be no makeup quizzes given.** Three quizzes will be dropped at the end of the semester.

Tests: There will be 3 in-class tests. **There will be no makeup exams given without official documentation like a doctor’s note, court summons, etc.** Contact with instructor must be made by the scheduled exam day. In the event of a missed exam (or a low exam score), the final exam may replace one exam score (provided the final exam is a 70 or better).

Final Exam: There will be a comprehensive final exam given during final exam week.

 **(24101) WednesdayApril 25th from 10:00-12:30 pm in 08-115**

Extra Credit: There will be two opportunities to earn extra credit points in the course.

1) Earn 5 extra credit points toward one test grade for either donating $6 to a non-profit organization, one hour of your time to a non-profit organization, or a pint of blood. Turn in your receipt on or before the day of the final exam.

2) Earn 1 extra credit point toward the final exam by completing the SFI at the end of the course when prompted through ATLAS. Select “Send Proof” so that your professor will receive notification of completion.

Email: Please regularly check your ATLAS email for course notifications.

Withdrawal Policy: Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline of **March 30, 2018 (11:59 pm)** will receive a grade of “W.” A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of “W.” Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of “F.” For a complete policy and procedure overview on Valencia Policy 4-07 please go to: http://valenciacc.edu/generalcounsel/policydetail.cfm?RecordID=75.

Attendance Policy: Attendance is expected of all students except in case of emergency. If you must be absent, it is your responsibility to find out what you missed either by contacting the instructor or another student. Please note that I do not withdraw students for lack of attendance. If you wish to withdraw from the course, please do so through ATLAS before the withdraw deadline.

Students with Disabilities: Valencia Students who qualify for academic accommodations must provide the professor with a Notification to Instructor (NTI) from the Office for Students with Disabilities (OSD). Students are expected to discuss their specific needs with the professor, preferably during the first two weeks of class. OSD determines accommodations based on appropriate documentation of disabilities.

**Contact Information: East Campus 05-216 407-582-2229 Fax: 407-582-8908**

**TTY: 407-582-1222.** [**http://valenciacollege.edu/osd/default.cfm**](http://valenciacollege.edu/osd/default.cfm)

Academic Honesty: You are expected to do your own work on exams. Please familiarize yourself with Valencia’s Student Code of Conduct. [**http://valenciacollege.edu/generalcounsel/policy/documents/8-03-NF-NN-Student-Code-of-Conduct.pdf**](http://valenciacollege.edu/generalcounsel/policy/documents/8-03-NF-NN-Student-Code-of-Conduct.pdf)

The professor reserves the right to determine the appropriate penalties within Valencia College’s academic honesty policies. [**http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf**](http://valenciacollege.edu/generalcounsel/policy/documents/8-11-NF-NN-Academic-Dishonesty.pdf)

Classroom Etiquette and Expectations:

1) Please turn off cell phones and pagers (or put them on “vibrate mode” for emergencies only).

2) If you must be late or leave early, please do so in a manner that will not be disruptive to others.

3) Please, no talking when I am talking.

4) “Packing Up” at the end of class is quite noisy and distracting. I use the last few minutes of class to summarize essential points in the lesson and give instructions and set expectations for the next class meeting. Please wait to “pack up” until **after** I have dismissed class.

5) A vital component for success in this class is practice. The homework problems assigned allow you to determine your strengths and weaknesses before an exam. Beginning sections are the foundation for subsequent sections. It is imperative that you complete your homework before each class meeting.

6) Regular attendance is required. If you are absent, you are responsible for all material covered in class.

7) Please ask questions if you have questions.

Learning Assistance Resources:

***Free*** tutoring servicesare provided on Valencia College’s East campus at the Academic Success Center in Building 4-Room 101. The East Campus Academic Success Center strives to provide a safe*,*inclusive learning environmentthat motivates studentstomaximize learning opportunities*,*grow toward independence*,* and discover the lifelong learner within*.* <http://valenciacollege.edu/east/academicsuccess/>

**Math support at the academic success center**

The Math Center in Building 4-Room 102-B provides individual assistance to all Valencia students enrolled in any math course. Resources include walk-in tutoring, homework assistance, workshops, final exam reviews, PERT information, academic refreshers, and much more. The SPA (Specialized Prep Area) provides specific resources to students in developmental mathematics courses. The SPA has information and study sheets for most mathematical concepts. Normal hours for the Math Center are Monday – Thursday from 8am-10pm, Friday from 8am-5pm, and on Saturday from 8am-4pm**.** Please check hours around holidays and special events and during the summer terms.

<http://valenciacollege.edu/east/academicsuccess/math/>

**Valencia's Math Help 24/7:** Valencia Math professors have created pen-casts and videos of common lessons to help you learn the concepts being presented in class. This resource is located at: [www.valenciacollege.edu/math/liveScribe.cfm](http://www.valenciacollege.edu/math/liveScribe.cfm) Click on your course to view your lessons. Some lessons have more than one professor's perspective; watch more than one!

**Smart Thinking (Online Tutoring):** Smarthinking is a FREE online tutoring tool available to all of Valencia’s students, and math tutors are available 24/7. Students can access Smarthinking through the Courses tab in Atlas. Students have an eight hour limit of usage per semester, and therefore Smarthinking is best used as a back up to on-campus services and support, not as a replacement. There are Smarthinking phone applications for both iOS and Android devices. <http://valenciacollege.edu/east/academicsuccess/onlineTutoring.cfm>

Student Assistance Programs: Valencia College has contracted with a private and confidential counseling service (**Bay Care Behavioral Health Student Assistance Program (SAP))** to provide FREE short-term assistance to students who need to resolve problems that are affecting their college performance. Examples might include: stress, relationship/family issues, alcohol/drug problems, eating disorders, depression, and gender issues. Students who are experiencing any of these issues and who are enrolled in credit classes at Valencia should call the toll-free number 1-800-878-5470 to speak to a professional counselor. If needed, the counselor may refer the student to appropriate resources or to speak face-to-face with a licensed counselor. For more information, call or visit a Counselor in Student Services on any campus.

Student Feedback of Instruction (SFI): Near the end of the term, students will receive an invitation through their Valencia ATLAS email account asking them to complete the Student Feedback on Instruction (SFI). This survey provides Valencia College professors with feedback on students’ experiences in courses and helps them to continually improve their courses. The results are released only *after* grades are submitted and students’ names are *not* included in the results - all responses will be anonymous.

FERPA (Family Educational Rights and Privacy Act): FERPA is a Federal law that is administered by the Family Policy Compliance Office (Office) in the U.S. Department of Education (Department). 20 U.S.C. § 1232g; 34 CFR Part 99. FERPA affords students certain rights with respect to their educational records. Valencia College has a firm commitment to protecting the privacy rights of its students. For further information on FERPA see: <http://valenciacollege.edu/ferpa/default.cfm#whatis>

TITLE IX:

Valencia College strives to be a place free from all forms of discrimination. Title IX protects students from discrimination based upon sex including protections against sexual violence, domestic violence, and stalking. This also includes protections for students who are pregnant or may become pregnant. If you experience sexual violence, domestic violence or stalking and would like assistance there are several options available to you. Valencia partners with the Victim Service Center of Central Florida which is a confidential resource available 24/7. They can be reached by calling 407-497-6701. If you would like assistance on campus, you can go to valenciacollege.edu/eo or contact Valencia College’s Title IX and Equal Opportunity Officer, Ryan Kane, by emailing rkane8@valenciacollege.edu. If you would like to report to law enforcement, you may visit Campus Security or call 911. Please note that there are no confidential resources on campus. As your professor, I am required to report any information mentioned in this statement to the appropriate campus resources. This will include your name, and detailed information shared with me. We take privacy very seriously at the College and only those who have a legitimate need to know the information will be provided with this information. If you have more questions about Title IX or the College’s response, please visit valenciacollege.edu/eo.

Disclaimer: Changes in the syllabus, schedule, evaluation procedures, and/or homework assignments may be made at any time at the discretion of the professor. If you are absent, it is **your** responsibilityto find out what, if any, announcements or changes have been made.

Tentative Schedule

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| --- | --- | --- |
| **Date** | **Monday** | **Wednesday** |
| 1/8-1/12 | Chap 0 | 1.1-1.2 |
| 1/15-1/19 | **NO CLASS** | 1.3-1.4 |
| 1/22-1/26 | 1.5 | 2.1 |
| 1/29-2/2 | 2.2-2.3 | 2.4 |
| 2/5-2/9 | 2.5 | 2.6 |
| 2/12-2/16 | **\*** | **Test 1** |
| 2/19-2/23 | 3.1-3.2 | 3.3-3.5 |
| 2/26-3/2 | 8.1-8.3 | 8.4-8.5 |
| 3/5-3/9 | 8.7 | **Test 2** |
| 3/12-3/16 | **NO CLASS** | **NO CLASS** |
| 3/19-3/23 | 8.6 | 9.3-9.4 |
| 3/26-3/30 | 9.2 | 10.2-10.3 |
| 4/2-4/6 | 10.1 | \* |
| 4/9-4/13 | **Test 3** | 11.1-11.2 |
| 4/16-4/20 | 11.4 | \* |
| 4/23-4/27 | **NO CLASS** | **Final Exam****10:00-12:30 pm 08-115** |