

MAT 3311 AP Precalculus 1

Fall 2024

SCHEDULE: Period 9-10 or 11-12, 12:00- 12:50 or 1:00-1:50 MWF

Office: WA147

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Office Hours: M: 9-10am, 2-4pm

T: 3:30-5pm

W: 9-10am, 2-5pm

Th: 9-11am

F: 9-10am, 2-3pm **and by appointment**

I will also be available by email until 10pm most evenings. Any changes to these hours will be posted outside my office door and/or as a Canvas announcement.

COURSE CONTENT:

Topics covered in the two-semester sequence of this course include:

- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometric and Polar Functions
- Functions Involving Parameters, Vectors, and Matrices

TEXT: *PRECALCULUS* (Tenth Edition); by Sullivan and Sullivan; Pearson.

TECHNOLOGY:

The use of technology is limited to that which will enhance the learning process. Use of laptops is permitted as long as it is not distracting from what is transpiring in the classroom. Calculators, though not always required, are welcome to be used for the majority of homework, quiz, and exam assignments. However, there will be instances where calculators are NOT allowed, but you will be informed in advance when these times occur. This course will also use resources available on AP Classroom in preparation for the AP Exam in May.

METHODS OF STUDENT EVALUATION:

- Students who have a planned absence are responsible for scheduling make-up times for missed quizzes and/or tests. This should be done ahead of time and can be arranged by email or in person.
- Students who are unexpectedly absent from class on the day of a quiz or test should either email the instructor or speak directly to the instructor immediately upon return to class to schedule a make-up time for the missed assessment. Quizzes may NOT be made up for unexcused absences. Tests may be made up for unexcused absences, but a penalty may be levied.

Exams: At the end of each unit, there will be an exam covering that material. Dates will be announced at least one week in advance. Exams *may* have calculator and no-calculator sections.

Quizzes: Quizzes will be given periodically and may cover material discussed the previous two weeks in class. Depending on the number of quizzes, I will drop up to the lowest three scores from consideration for the overall quiz grade.

Homework: For nearly every section, there will be a homework assignment. Students will be expected to complete a short homework quiz over these practice assignments on Canvas. Deadlines for these homework quizzes will be posted in Canvas.

Late Homework: One late homework quiz will be accepted with no penalty up to class time the next day. (Saturday and Sunday don't count; *Tuesday and Thursday do!*) Subsequent late assignments will be accepted for up to 70% credit – with 10% being deducted each school day late. (Excused absences are not subject to late penalty – see your student handbook for school policy.). Requests for extensions will be considered on a case-by-case basis and should be made before the assignment is due.

Final Exam: A comprehensive final exam will be given during the designated exam week. As the final exam is cumulative, its score will replace any lower midterm exam scores throughout the semester.

Grading: Course grade will be determined on A through D* scale with these weights:

Homework:	15 %
Quizzes:	15 %
Midterm exams:	50 %
Final Exam:	20 %

Grades for the course and assignments are assigned by the following percentages:

	100-93 — A	92-90 — A-
89-87 — B+	86-83 — B	82-80 — B-
79-77 — C+	76-73 — C	72-70 — C-
<70 — D*		

ACADEMIC INTEGRITY: As a firm believer that grades should reflect learning, academic integrity is paramount to the academic experience. Please review the Academy's Academic Integrity policy as it will be strictly adhered to in my class.

Examples of behavior subject to review under the Academic Integrity policy include, but are not limited to:

- 1, Copying someone's work and turning it in as one's own
- 2, Use of aids and/or other materials on quizzes and exams without expressed permission.
- 3, Use of calculators when explicitly forbidden to do so.
- 4, Copying another person's work or answers on a quiz or exam.
5. Giving information about the content of quizzes or exams to students yet to take the test.

I encourage you to work in groups when doing homework assignments as much can be learned from your peers that you may not always pick up in class. However, each individual is required to turn in work in their own handwriting accompanied by the requisite work shown to receive full credit. If you have any questions about what constitutes cheating, please come to see me. In order to preserve the credibility of all students' grades, I encourage you to tell me if you observe violations of the integrity policy.

CLASS ATTENDANCE POLICY: Students are expected to attend every class and be on time. Academy policies on attendance and tardiness will be followed. Sleeping in class constitutes an unexcused absence. Being late more than 10 minutes is recorded as Absent. In the event of unexcused absences, make-up homework, quizzes, or exams may not be allowed. For an excused absence, assignments due that day are expected by class time the next day (not the next class day). Absence from a prior class may not allow the student to defer a scheduled quiz or exam.

CELL PHONES AND OTHER WIRELESS DEVICES: Pursuant to Indiana Code 20-26-5-40.7, The Indiana Academy for Science, Mathematics and Humanities prohibits student use of wireless communication devices for non-instructional purposes in the classroom. As such, any and all portable wireless devices, that have the capability to provide voice, messaging, or other data communication between two or more parties, must only be used for academic purposes directly tied to the classroom activity or related educational task. Exceptions to this wireless device policy are eligible through academic accommodations,

individualized education programs, or with instructor approval permitting the use of a wireless device for justification related to health, safety, and/or well-being. The improper use of a wireless device in an active classroom setting is subject to disciplinary action including but not limited to; a verbal warning, temporary seizure of said device by a school official, an unexcused absence for the class in question, written communication to parent/guardian, among other elevated consequences for repeated improper use.

METHODS OF COURSE EVALUATION: Evaluation, including student evaluation of the course, will be conducted according to Academy policy.

Ball State University aspires to be a university that attracts and retains a diverse faculty, staff and student body. We are committed to ensuring that all members of the community are welcome through valuing the various experiences and worldviews represented at Ball State and among those we serve. We promote a culture of respect and civil discourse as expressed in our Beneficence Pledge. As a reflection of Ball State's commitment to respect, civil discourse, and the Beneficence Pledge, Inclusive Excellence at the Indiana Academy emerges as one of the priorities of our living and learning community. We strive to exist together respectfully and compassionately, creating an environment where every member can thrive. Unfortunately, there might be occasions when something occurs that disrupts our progress toward meeting these objectives. In this case, we encourage any member of the Academy community to file a Campus Climate Report (CCR) https://bsu.qualtrics.com/jfe/form/SV_6mbRbL5acAntUTI. All reports will be taken seriously, and appropriate responses will be carried out by Academy administration.