

MAT 3102 Precalculus 2

Spring 2020

Ms. Jessica Edrington

SCHEDULE: Period 1-2 8:00- 8:50 MWF BU 204
or Period 11-12 1:00- 1:50 MWF BU 203

Office: WA152

Phone: 285-7403

E-mail: jaedrington@bsu.edu

Office Hours: MWF 9:00 – 9:45
Tuesday 10:00 – 2:00, (1:00-2:00 on alternate weeks)
Thursday 10:00 – 11:50, 1:00-2:00 (afternoon on alternate weeks)
WF 2:00- 4:00 **and by appointment.**

I will also be available by email until 10pm most evenings.
Any changes to these hours will be posted outside office door.

COURSE CONTENT:

Topics covered in this course include:

- Exponential and Logarithmic functions, their graphs, and applications (5.6 – 5.8)
- Trigonometric functions, their properties, and their applications
 - Chapter 6 (Trigonometric Functions) 6.1 – 6.6
 - Chapter 7 (Analytic Trigonometry) 7.1 – 7.6
 - Chapter 8 (Applications of Trig. Functions) 8.1 – 8.5
 - Chapter 9 (Polar Coordinates; Vectors) 9.1 – 9.4
 - Assorted topics in conics, parametric curves, sequences, and series, as time permits.

TEXT: *PRECALCULUS* Enhanced with Graphing Utilities (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 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.

METHODS OF STUDENT EVALUATION:

Exams: At the end of each chapter or couple of chapters, there will be a midterm exam covering that material. Dates will be announced at least one week in advance. Exams may have calculator and no-calculator sections.

Quizzes: Expect quizzes on a near weekly basis that will 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. Homework will be collected on a regular basis and checked for completeness, accuracy, or both. Generally, it will be collected two class periods after it is assigned. Assignment specifics and due dates will be posted on Canvas.

Late Homework: One late assignment 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. (Excused absences are not subject to late penalty – see your

student handbook for school policy).

Final Exam: A comprehensive final exam will be given during the designated time period the week of May 4-8. 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:	10 %
Quizzes:	10 %
Midterm exams:	60%
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 the 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 will 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 will not allow the student to defer a scheduled quiz or exam.

CELL PHONES: Cell phones and other mobile devices should not be accessed or visible in the classroom. Be sure to disable device so that it will not ring, buzz, shake, or otherwise interrupt class. Enjoy the text-free hour.

EATING IN CLASS: Eating, drinking, and chewing gum is not allowed in the classroom. Water is permitted.

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 and through university resources found at <http://cms.bsu.edu/campuslife/multiculturalcenter>.