

Mr. Asante

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Office Hours:

Monday: 4:00 pm – 5:00 pm

**Also by appointment*

Tuesday: 12:00 pm – 3:00 pm

Wednesday: 4:00 pm – 5:00 pm

If my door is open feel free to stop in!

Thursday: 11:00 am – 4:00 pm

Friday: 4:00 pm – 5:00 pm

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

Also required: Graphing calculator (TI-83+, TI-84, TI-Nspire, or similar preferred)

Course overview:

This course provides a thorough, careful study of basic Precalculus topics. Topics include functions and their properties, polynomial equations, and their graphs, beginning with equations of degree one (linear functions) including rational functions, exponential and logarithmic functions, their graphs, and applications.

The content for this semester deals with trigonometric functions, their properties, and their applications.

Attendance:

You are required to attend every class session, in accordance with Indiana Academy attendance policies. I understand clocks can be a minute or two off, so I will grant leniency for the first one or two minutes of class, but after 15 minutes you are officially “Absent.” However, class time is very valuable, so I strongly encourage you to get to class no matter how late you may be. This will make your process of learning what was covered in class that day much easier. Sleeping in class will result in an unexcused absence without notice.

Absence Policy:

It is the policy of the Indiana Academy that any absence from class is unexcused, except for illness, death in the family, college or school-related activities, and extenuating circumstances. When a student is absent from a class, the instructor reports the student absence to the Faculty Attendance Coordinator in the Office of Academic Affairs. Unless the absence is excused by a school official, it is considered unexcused. The decision as to whether an absence is excused is not determined by the instructor. Four or more unexcused absences in any particular class a student takes will lead to academic and residential consequences to be determined by the Office of Academic Affairs and the Office of Residential Life that may include detention, residential groundings, parent/principal conference, among others.

Evaluation:

In this course you will be given a homework assignment every night, frequent quizzes over the material covered the previous week, and a test every chapter. The quizzes will be short, around 20 points each, and will be very similar to homework questions. The exams are not cumulative in the sense that you will see questions directly from previous chapters, but math is a cumulative discipline so you may need to apply knowledge from previous chapters to help solve new problems. There will also be a final exam, it will be cumulative, and it will take place on the Final Exam Period, May 5 – 9, 2025. For dates of tests please refer to the most recent version of the course schedule.

Grading Scheme:

Your grade in this course will be determined by the following percentage values. Remember that you EARN your grade; I do not give them out. If you want a better grade, be proactive about getting more help, there are many resources available to you!

40% Exams
25% Quizzes
25% Final Exam
10% Homework

Letter grades are determined by:		80-82	B-
93-100	A	77-79	C+
90-92	A-	73-76	C
87-89	B+	70-72	C-
83-86	B	69 and below	D*

Make-up work Policy:

NO LATE WORK WILL BE ACCEPTED. If you are absent (excused absence) one day, it is your responsibility to get the work due that day turned in to me as soon as possible **and** before the next class meeting. My office is in your dormitory building so it should be simple enough for those of you who live in the dorms to be able to bring that assignment to my office and leave it under my door. For Non-residential Early College Program (NECP) students, you can send it as an email. If you will be missing a test you must contact me as soon as you know you will be missing it and schedule a time for you to take the test with me.

In the event of an unexcused absence or suspension, missed homework assignments, quizzes, tests, etc. will NOT be accepted for credit (except when missed work would fail the suspended student). Make-up quizzes, exams, etc. generally are not taken during class time.

Other policies:

Math requires notetaking. You cannot do that efficiently on your computer. So, your laptops, cell phones, and other internet-ready devices should be closed/turned off and put away during class time unless given permission by the instructor for a specific class period. You WILL be expected to bring your graphing calculator to class every day, as well as your textbook (or pictures of appropriate pages), both will be very useful.

Academic Integrity

I support and abide by the academic integrity policy as set forth in the Student Handbook. While you are encouraged to work together in this course at times, here are a few examples of behavior subject to review under the Academic Integrity policy:

- Copying someone's work and turning it in as one's own
- The use of aids or other materials on quizzes and exams without expressed permission
- The use of calculators when explicitly asked not to do so
- Copying another person's work or answers on a quiz or exam

IA Wireless Device Draft Policy

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.

Inclusive Excellence Statement

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.

*The teacher reserves the right to change this syllabus as situations arise,
or add to it as needed.*

COURSE SCHEDULE FOR AP PRECALCULUS - SL (MAT 3101)

01/06	Syllabus / S5.4	S5.4	S5.5
01/13	S5.6 / Quiz 1	S5.8	S5.8
01/20	<i>MLK Day</i>	S5.9 / Supplement	Supplement
01/27	Exam Review	Exam 1	S6.1
02/03	<i>Extended Weekend</i>	S6.1	S6.2
02/10	S6.2	S6.3	S6.3 / Quiz 2
02/17	S6.4	S6.4	S6.6 / Quiz 3
02/24	Exam Review	Exam 2	S6.5
03/03	<i>Spring Break</i>	<i>Spring Break</i>	<i>Spring Break</i>
03/10	S6.5	S7.1	S7.1
03/17	S7.2	S7.3 / Quiz 4	S7.4
03/24	S7.4	S7.5	S7.5 / Quiz 5
03/31	Exam Review	Exam 3	S9.1
04/07	S9.1	S9.2	S9.2
04/14	S9.3	Supplement	Supplement
04/21	<i>Extended Weekend</i>	Exam Review	Exam 4
04/28	<i>Final Exam Review</i>	<i>Final Exam Review</i>	<i>Final Exam Review</i>
05/05	<i>Final Exam</i>	<i>Final Exam</i>	<i>Final Exam</i>