



AP Physics 1 (PHYS 110/110L)

Fall 2024 – Spring 2025
SCI03111/L – SCI03112/L



BALL STATE
UNIVERSITY

Instructor



Dr. Krista Hook

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Office:
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Indiana Academy for Science, Mathematics,
and Humanities,
Ball State University
Muncie, IN 47306

Office Hours:

Monday:	4pm – 6pm
Tuesday:	1pm – 6pm
Wednesday:	4pm – 6pm
Thursday:	By Appointment
Friday:	4pm – 6pm
Email me for alternative times.	

Required Materials

- College Physics for AP Courses – OpenStax (Online Text)
 - [Link Here](#)
- Steps to 5: AP Physics 1: Algebra-Based 2019 Elite Student Edition
- Computer Access w/ Internet

Meeting Times

Section 9-10 MWF
MWF: 3:00pm – 3:50pm (Class)
R: 4:00pm – 5:50pm (Lab)

BSU Credits

Ball State University:
College of Science and Humanities: Department of Physics and Astronomy
Course Credits: 4
Course Name: PHYS 110/110L
Course Title: General Physics 1

Course Requirements and Specifications

Prerequisite: Precalculus and math placement test score or permission of instructor or co-requisite enrollment in Academy Precalculus for AP.

Co-requisite: AP Physics I Lab (SCI3111L/3112L)
Credit: 1.5 credits per semester
Offered: Fall/Spring Sequence

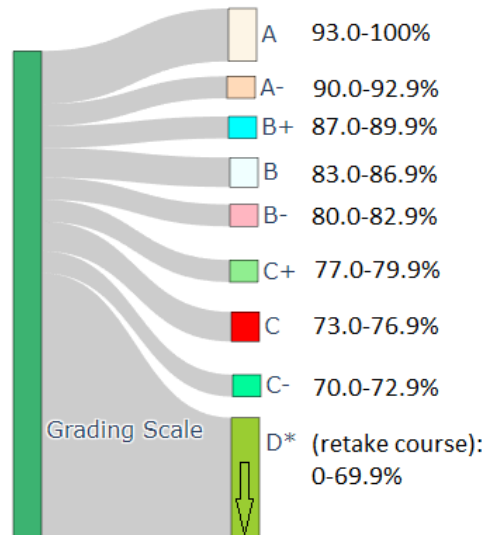
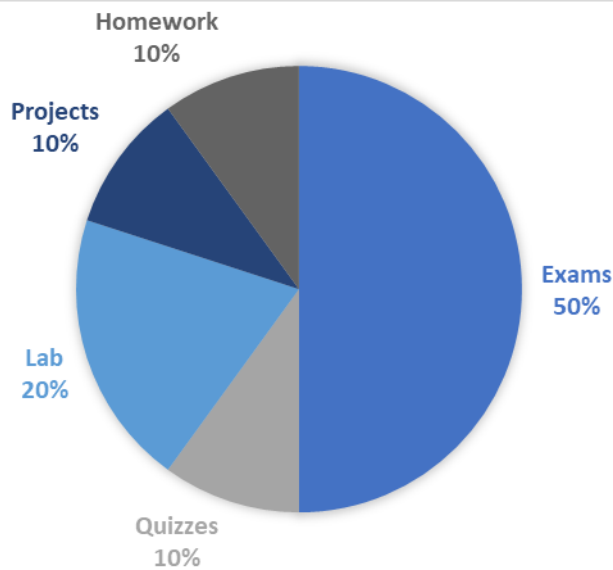
Course Content Overview

Welcome to AP Physics I: General Physics 1!

AP Physics I proceeds at an accelerated pace and provides a physical introduction to the main principles of physics, which include Newtonian mechanics, oscillations and sound, electricity and magnetism, kinetic theory and thermodynamics, fluids, optics and modern physics. Emphasis will be given to linear and rotational applications to kinematics, forces, and momentum, as well as energy and power, gravitation, harmonic motion, and introductory electric circuits. Knowledge of geometry, algebra and some trigonometry is required for this course. Laboratory investigations emphasize concepts and inquire in order to develop proficiency in problem solving and in the application of fundamental principles to a wide variety of situations. This course is intended for those students whose career goals include life or earth science, pre-medicine, as well as other fields not directly related to science. Students will prepare for and are encourage to take the AP Physics I exam in May.

* Ball State University offers 4 college credit hours in PHYC 110 to students who complete this Academy course. Refer to the Dual Credit section for details on enrollment and fees.

Grade Calculation & Scale



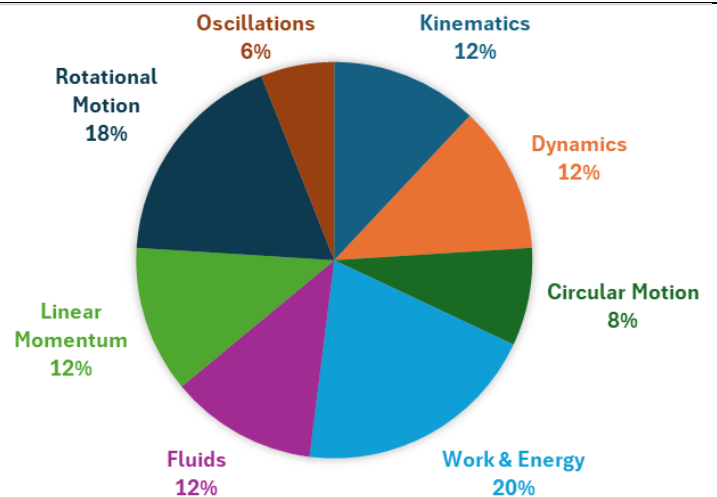
Course Content & Mastery Goals for Exams

Exams, including the final exam, will be parsed into mastery goals for grade calculations. These parsed categories are listed below for the fall and spring semesters, respectively. The benefit of assessing and grading in this way is to afford students the opportunity to provide evidence of learning of a concept (such as Kinematics) multiple times and not allow previous, less successful attempts to haunt their final grade for the course. A final grade should reflect what a student KNOWS, independent of their journey to get there.

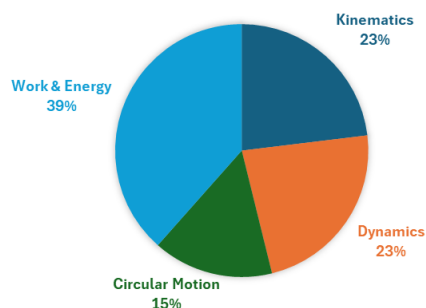
Quizzes are practice exams where you will encounter multiple-choice (MC) problems that may appear on one or more exams.

Fall & Spring Semester Concepts

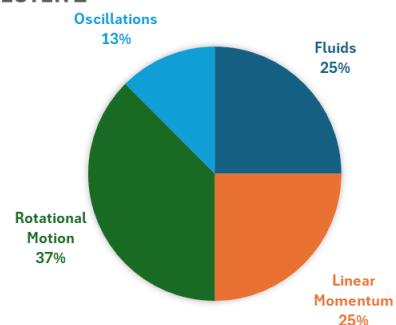
Kinematics	12%
Dynamics	12%
Circular Motion	8%
Work & Energy	20%
Linear Momentum	12%
Rotational Motion	18%
Oscillations	6%
Fluids	12%
	100%



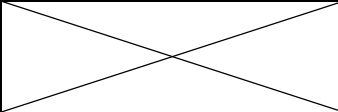
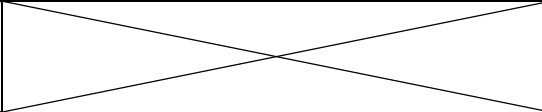
SEMESTER 1



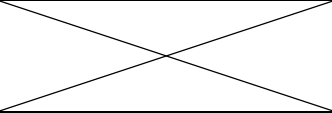
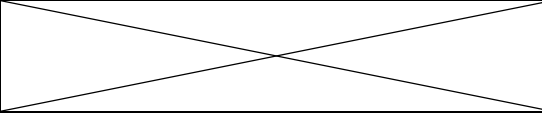
SEMESTER 2



Fall 2024 *Tentative* Semester Schedule

Week	Events	Lecture	Lab
1 Aug 12 – 16		Measuring	Measure Twice, Cut Once Lab
2 Aug 19 – 23		Vectors	A Day in Your Shoes Lab
3 Aug 26 – 30	Aug 30 th – Friday Shadow Day	Acceleration	Gravity – by any other name Lab
4 Sept 2 – Sep 6	Sep 2 nd – Monday Labor Day Break No School	Kinematics	Projectile Motion Lab – Part 1
5 Sept 9 – 13			Projectile Motion Lab – Part 2
6 Sept 16 – 20		Review Kinematics	Exam 1: Kinematics
7 Sept 30 – Oct 4	Oct 4 th - Friday Parent/Teacher Conferences	Forces	Friction Lab
8 Oct 7 – 11	Oct 7 th – 8 th – M/T Fall Break Oct 9 th – Wednesday PSAT	Dynamics	Hook's Law – but with an E Lab
9 Oct 14 – 18		Circular Motion	Circular Motion Lab
10 Oct 21 – 25		Review Dynamics & Circular Motion	Exam 2: Kinematics & Dynamics & Circular Motion
11 Oct 28 – Nov 1		Energy & Work	
12 Nov 4 – 8	Nov 4 th – 8 th Student Evaluations		
13 Nov 11 – 15	Nov 11 th – 15 th Spring Advising Nov 15 th LAST DAY to register for AP Exam	Review Energy & Work	Exam 3: Kinematics & Dynamics & Circular Motion & Energy & Work
14 Nov 18 – 22		Momentum & Impulse	Egg Drop Challenge Lab
15 Nov 25 – 29	Nov 25 th – 29 th Thanksgiving Break No School		
16 Dec 2 – 6			
17 Dec 9 – 13		Review All Units	Review All Units
18 Dec 16 – 20	Final Exam Week		Final Exam: Kinematics & Dynamics & Energy & Work

Spring 2025 *Tentative* Semester Schedule

Week	Events	Lecture	Lab
1 Jan 6 – 10			Review Fall Final Exam
2 Jan 13 – 17		Fluid Dynamics	Density & Buoyancy Lab
3 Jan 20 – 24	Jan 20 th – Monday MLK Day No School		Fluids Lab
4 Jan 27 – 31		Review Fluids	Exam 1: Kinematics & Dynamics & Energy & Work & Momentum & Impulse & Fluids
5 Feb 3 – 7	Feb 3 rd – Monday Extended Weekend No School	Momentum & Impulse	Egg Drop Challenge Lab - Revisited
6 Feb 10 – 14			Collisions Lab
7 Feb 17 – 21		Review Momentum & Impulse	Exam 2: Kinematics & Dynamics & Energy & Work & Momentum & Impulse & Fluids & Momentum & Impulse
8 Feb 24 – 28		Rotational Kinematics	
9 Mar 3 – 7	Mar 3 rd – 7 th - MTWRF Spring Break No School		
10 Mar 10 – 14	Mar 11 th – Tuesday SAT		
11 Mar 17 – 21	Mar 21 st – Friday Student May Term Requests Due	Review Rotational Kinematics	Exam 3: Kinematics & Dynamics & Energy & Work & Momentum & Impulse & Fluids & Rotational Kinematics
12 Mar 24 – 28	Mar 24 th – 29 th Fall/Spring 2025-2026 Course Requests Week	Rotational Mechanics	Net Torque Lab
13 Mar 31 – Apr 4			
14 Apr 7 – 11	Apr 10 th – Thursday Academy Photo	Oscillations	
15 April 14 – 18		Review Rotational Mechanics & Oscillations	Exam 4: Kinematics & Dynamics & Energy & Work & Momentum & Impulse & Fluids & Rotational Kinematics & Rotational Mechanics & Oscillations
16 Apr 21 – 25	Apr 21 st – Monday Extended Weekend No School		
17 Apr 28 – May 2	Apr 29 th – May 2 nd BSU Final Exam Week	Review ALL UNITS	

<p>18 May 5 – 9</p>	<p>May 5th – May 9th IA Final Exam Week</p>		<p>Final Exam: Kinematics & Dynamics & Energy & Work & Momentum & Impulse & Fluids & Rotational Kinematics & Rotational Mechanics & Oscillations</p>
<p>19 May 12 – 16</p>	<p>May Term Week 1 <u>AP Physics I Exam</u> May 16th, 2025 – Morning 8 a.m. (Local Time)</p>	<p>Check this link for more information: https://apcentral.collegeboard.org/exam-administration-ordering-scores/exam-dates</p>	

Classroom Policies*

*Subject to change as the need arises.

IA Wireless Device 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.

Laptops or tablets are required for lab sessions.

Laptops or tablets are also required for some homework, quizzes, and other activities, including during class for note-taking or other class-related needs.

No game-playing, movie-watching, e-mail, or IM'ing allowed in class -- doing so will result in a recorded absence for that day. Laptops/iPads, if available, should be brought to class during laboratory sessions. This is so you can record, graph, and analyze your data in real-time, both to save you time AND to catch errors as they happen! Use of electronic devices for any other use during lecture is forbidden without prior agreement with the instructor. (And I will give permission if the use is "reasonable"!)

While in class or lab, please keep computer use restricted to classroom-relevant tasks.

Assignments must be submitted digitally on Canvas as a PDF or .DOCX file and data as .JPEG, .PNG, or .XLSX. Data analysis must be submitted as a .XLSX (other formats do not open in Canvas). Google sheets or other links to external sources of your submissions will not be accepted.

Lab reports focus on writing skills, an essential aspect of any professional skillset.

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.

I truly believe in this policy, and endeavor to go above and beyond in our classroom setting. If you see any behavior that goes against the above policy (even if it's mine!), please bring it to my attention (or have someone you trust do so if you are hesitant). Alternatively, you can find the appropriate form at academy.bsue.edu/forms to report the incident directly to your DEI Coordinator.

Withdrawal Deadlines

If you wish to drop your class(es), you must do so by the deadline.

The withdrawal deadline will be announced once published by the University Registrar.

Dropping/Withdrawing from a class at your high school does not drop/withdraw you from your BSU Dual Credit class. Instructions for dropping/withdrawing can be found in the Dual Credit Student and Parent Handbook.

Attendance Policy

You have made a commitment toward academic achievement by attending the Academy – both attendance and integrity are essential components to that success. Class and lab attendance is **mandatory**.

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.

Students who are absent unexcused from class (two or more each semester) are subject to detention during non-class hours, restrictions, suspension, removal from class, or other consequences deemed appropriate by the Director of Academic Affairs or designee. Classes that meet for consecutive periods of more than 50 minutes at a time will be subject to greater penalties. Parents/guardians are notified of all unexcused absences.

Due to the intense, rigorous nature of Indiana Academy classes it is important that students be present during all class meetings. If a student's total number of absences (both excused and unexcused) reaches at least 20 percent of the number of scheduled class meetings during a semester, the student's case may be reviewed for possible submission to the Intervention and Retention Committee. The Intervention and Retention Committee may recommend removing the student from the class, dismissal from the Academy, probationary conditions, or other actions most appropriate to the particular case.

Being present, providing effort, and offering kindness in pursuit of academic excellence are foundational expectations of each and every student at the Indiana Academy.

Attendance is mandatory. Students may receive excused absences at the professional discretion of the school nurse, the associate director of mental health services, the associate director of college counseling and student engagement, the director of academic affairs, and the executive director of the Indiana Academy. Unexcused absences occur when students miss class without prior approval from the aforementioned designated school officials. Continued absences (both excused and unexcused) from Academy classes increase the likelihood of unsuccessful completion.

Class attendance is mandatory. An unexcused absence on the day of a lab or test will result in an automatic zero for that lab or test. Missing homework, quizzes and/or tests during an excused absence must be made up as soon as possible. It is the student's responsibility to make arrangements with the teacher.

- Homework: Homework is graded by completion (attempting all of them and failing is far more important than only trying half of them and succeeding). Homework assignments turned in on time will automatically be counted as an A (100%) in the course. Late work will be accepted at any time, but will be counted as a D* (40%) in the course.

- Labs & Projects: *Most* labs and projects are also graded on completion (in part or in whole). Most will be graded on accuracy on a case-by-base basis. If you miss a lab due to an excused absence, we will make up the lab at a later date. Contact me ASAP to schedule this.

- Quizzes: As mentioned elsewhere in this document, quizzes are intended as a secondary check of conceptual comprehension. Some of it will be practical, others more conceptual. Take these seriously as they are also part of your total grade. They are also a chance to look at the exam questions before the day of the test.

· Tests: As mentioned elsewhere in this document, I have ‘redemption exams’ at the end of each semester to make up for any exams missed for excused reasons. The only exception to this is for students who can take the originally scheduled exam **BEFORE WE GO OVER THE RUBRIC**, which is often within a day or two of the scheduled exam time. If you know you are going to miss an exam (or even if not), making sure you can take the test the same day (or very very early the next day) is your best chance at avoiding the situation where you have to wait for the redemption tests. Again, it is your responsibility to schedule this with me!

It is also important that your brain be here as well as your body. Students who fall asleep in class (I’m not *that* boring!) will receive either a ‘tardy’ or an ‘absent’ mark from the instructor, depending on circumstances. Make sure you avoid this by getting enough sleep the night before!

Late arrivals after 15 minutes into class-time will result in an absence for that day. No exceptions. Excused absences must be arranged before class starts, the paperwork must be filed with Ms. Drumm, Attendance Coordinator.

Students arriving after the start of class may receive a Tardy.

Student is responsible for all information missed due to not being present.

Behavioral Norms

Alongside steady attendance, students are expected to maintain consistent healthy habits of decorum, respect, and kindness towards their classmates, instructors, and teaching assistants. When students fail to meet these classroom behavioral standards and academic habits, it is the expectation faculty engage appropriately to bring quick and immediate resolution. When students consistently fail to meet these behavioral standards and academic habits in the classroom, an administrative consequence ladder will be adopted, and recorded, in attempt to administratively address, engage, and rectify ongoing challenges.

To encourage continued attendance, discourage chronic absenteeism, and to increase the likelihood of successful course completion, students who are absent...

1. Unexcused from three or more class periods for courses that meet three times a week;
2. Unexcused from two or more class periods for courses that meet twice per week;
3. Unexcused from one or more class periods for courses that meet once per week;
4. From courses where the total of excused and unexcused absences reaches at least 20% of the number of scheduled class meetings during a semester;
5. By consistently leaving class early or coming in late without adequate justification or academic affairs pre-approval;

...are subject to penalties along the consequence ladder including but not limited to, residential groundings, non-residential lounge restrictions, structured supervision during non-class hours, extracurricular and athletic restrictions, suspension, administrative grade reductions, removal from class, among other appropriate actions recommended by the Director of Academic Affairs or designee. Parents/guardians are notified of all unexcused absences.

Similarly, to encourage healthy habits, vibrant classrooms, and respectful interactions among members of our community, students found to be in violation of our behavioral norms and classroom standards are subject to penalties along the consequence ladder including but not limited to, residential groundings, non-residential lounge restrictions, structured supervision during non-class hours, extracurricular and athletic restrictions, suspension, administrative grade reductions, removal from class, among other appropriate actions recommended by the Director of Academic Affairs or designee. The consequence ladder below represents the stair stepped approach administrators within academic affairs use to address and engage students that find themselves in violation of our academic, community, and norm standards. On occasion, penalties and consequences for violating academic excellence standards will reflect the specifics of a particular situation and thus be handled on a case by case basis.

TIER 1: WARNING

- For students referred to academic affairs administration in violation of our community and academic behavioral standards.

- For students with 6 or more total unexcused absences

Grounding to building, 3 nights (not weekend). NECP: Letter sent to family.

TIER 2: ENGAGEMENT

- For students referred to academic affairs administration in multiple violations of our community and academic behavioral standards.
- For students with 12 or more total unexcused absences
- For students found to be in violation of Academy academic integrity policies
Grounding to floor, 3 nights (not weekend). Meeting with family and Associate Director of College Counseling and Student Engagement. Loss of leadership role (if applicable). NECP: No lounge privileges, structured supervision if on premises after 4pm.

TIER 3: PROBATION

- For students consistently in violation of our community and academic behavioral standards.
- For students with 18 or more total unexcused absences
- For students with two violations of Academy academic integrity policies.
Structured supervision for 3 school days. Meeting with family and Director of Academic Affairs. No longer eligible for athletics or school clubs. NECP: Structured supervision until pick-up by guardian.

TIER 4: VIOLATION OF PROBATION

- For students that have exhibited inability to reside within our academic community.
- For students with 24 or more total unexcused absences
- For students with three, or more, violations of Academy academic integrity policies.
Recommendation for dismissal sent to executive director of Indiana Academy.

TIER 5: DISMISSAL

Student is dismissed from the Academy, effective immediately.

Late Work Policy

Late work is defined as work that is submitted more than 24 hrs past the deadline outlined by myself or on Canvas. Any work not submitted automatically is scored as a zero until submitted within 24 hours after the deadline (0 pts.).

If work is submitted but it has been more than 24 hrs since it was due, the work will be graded with a 50% deduction of points in the gradebook, regardless of delay or reason.

Last day to submit late work will be the Friday BEFORE finals week. After this time, all zeroes (0 pts.) will remain and cannot be made-up or submitted for points.

All work not submitted will receive a zero.

Additional Points

Email me one, school-appropriate, cute photo of a pet (if pet is not your pet, please acquire permission to photograph and submit before doing so). These photos will be presented to the class during the in-class final exam review.
Deadline: The Friday BEFORE finals week each semester. Worth: +1% on any mastery exam category of the student's choice at the end of each semester.

Student Accommodation Policy

Students possessing an educational 504 or IEP should contact the instructor as soon as possible to arrange for any accommodations that may be needed. Likewise, if you feel that you could benefit from an educational 504 or IEP, feel free to contact the instructor to this regard.

I am willing to help students succeed, so feel free to request accommodations with or without the above criteria.

Collaboration Policy

There will be moments in this course that I encourage everyone to collaborate, or work together, to achieve success. These may include grouping students during difficult assignments, labs, or a general encouragement to seek each other for assistance in my course.

Collaboration does not mean: copying or otherwise plagiarizing work from others (or A.I. generated content), dividing work amongst two or more individuals, or sending/providing completed work for others to review.

Collaboration is a form of actively helping each other in ways that allow all individuals to complete their own work but in a way that allows them to ask questions, get feedback, and improve performance.

All work submitted in my course (including work meant to be completed as a group) must be solely the work of the individual submitting it. This means you are writing your own report, for example, but you are free to discuss and compare each other's work before submission. Collaborations are consultations only.

Please refer to the handbook concerning Academic Dishonesty and the policies concerning consequences.

There are also student groups, such as the National Honor Society (NHS), and other student orientated parts of the Indiana Academy that have their own consequences concerning Academic Dishonesty. Be aware that many of these consequences begin with immediate expulsion due to infringement of Academy Dishonesty policies.

Resources Available to You

The Writing Center

All writers improve with practice and feedback, so as a student in this course, you are encouraged to use the Writing Center (in Robert Bell 295, Bracken Library, or online) to get additional feedback on your writing. To schedule a free appointment to discuss your writing, go to www.bsu.edu/writingcenter.

Online and in-person appointments are available seven days a week; however, plan ahead because appointments book quickly!

The Learning Center

The Learning Center offers free Tutoring and Academic Coaching for many courses at Ball State. Students can make appointments for online (Zoom) or in-person (NQ 350) appointments.

To make an appointment, visit my.bsu.edu and click on "TutorTrac" in the Additional Tools section, or just go directly to <https://ballstate.go-redrock.com>.

Testing accommodations for students with disabilities are available for students who have received the appropriate documentation from Disability Services. Tests may be administered in the Learning Center.

Supplemental Instruction is available in select courses. If you have an SI leader for your course, that person will provide students with information the first week of school regarding weekly study sessions.

For more information about all of our programming, visit <https://bsu.edu/learningcenter> or call (765) 285-1006.

Important Information You May Need to Know

Dual Credit-High School Credit Policy Statement

Students may choose to enroll in Ball State's Dual Credit Program to earn college credit for ASTR 120, the Sun and Stars, from Ball State at a reduced rate of tuition (\$250 flat rate). Students who are eligible for free or reduced lunch this academic year may enroll at no charge if verified by the school.

To enroll in Ball State's Dual Credit Program, students should have a 3.0 GPA on a 4.0 scale and complete the application & registration process before the given deadline. Ball State will bill students via postal mail; no money

should be submitted to the high school. College credit can only be earned during the semester (or, in the case of year-long classes, during the academic year) in which the student is enrolled. Late enrollments are not permitted.

Whether college credit earned through dual credit courses will be accepted by another institution of higher education is determined by the college or university to which a student is seeking admission. Before enrolling through Ball State's Dual Credit Program, students should check directly with that institution to determine if a course will be accepted and how it will be counted toward graduation requirements. Refunds will not be issued if Ball State credits are not able to be transferred. In most cases, students will need to earn a C or better to transfer credit from Ball State to another institution. Grades of D or lower earned in Ball State Dual Credit courses are recorded on a student's Ball State transcript but may not be able to transfer.

The rigor of this course will be periodically reviewed by Ball State University faculty in an effort to maintain the high quality of education that each student receives. To learn more about Ball State's Dual Credit Program, visit bsu.edu/dualcredit, call 765-285-1581 or email dualcredit@bsu.edu.

Indiana Academy Diversity Statement

The Indiana Academy for Science, Mathematics, and Humanities is committed to being an inclusive educational community that values diversity in policy and practice. We aim to foster an educational environment where students, faculty, and staff exchange ideas freely, engage in critical thinking, and reexamine their personal perspectives. To create an environment where this respectful and productive dialogue is possible, we do not allow discrimination on the basis of race, ethnicity, sex, geographic origin, gender, gender identity, sexual orientation, disability, religion, age, or nationality. The affirmation, appreciation, and inclusion of multiple cultures ensures that all students, faculty, staff, and the wider Indiana Academy community will be able to thrive in our multicultural academic and residential environment.

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. For Bias Incident Response information or to report a bias-based incident, please click here or e-mail reportbias@bsu.edu.

BSU Student Rights and Responsibilities

While enrolled in Ball State's Dual Credit Program, you are expected to abide by the academic rules of behavior befitting a university student. You should read the Dual Credit Student and Parent Handbook, located at <https://bsu.edu/dualcredit>

In particular, review the Code of Student Rights and Responsibilities, focusing on the policies regarding student rights and responsibilities, behavior, academic integrity, and related procedures.

The Dual Credit Student and Parent Handbook includes information regarding student qualifications, prerequisites, available courses, responsibilities, financial aid stipulations, transferability, withdrawal, refund and billing policies and more. It is important that you review the information contained in it.

Inclusion 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 [cms.bsu.edu / campus life / multicultural center](http://cms.bsu.edu/campus-life/multicultural-center).

I truly believe in this policy, and endeavor to go above and beyond in our classroom setting. If you see any behavior that goes against the above policy (even if it's mine!), please bring it to my attention (or have someone you trust do so if you are hesitant). Alternatively, you can find the Bias-Incident form at academy.bsu.edu/forms to report the incident directly to your DEI Coordinator.

Policy on the Americans with Disabilities Act (ADA)

If you need course adaptations or accommodations because of a disability, please contact the Office of Disability Services. The Office of Disability Services coordinates services for students with disabilities; documentation of a disability needs to be on file in that office before any accommodations can be provided. Disability services can be contacted at 765-285-5293 or dsd@bsu.edu.

Title IX – Sexual Misconduct

Ball State University is committed to establishing and maintaining an effective, safe, and nondiscriminatory educational environment in which all individuals are treated with respect and dignity. For information about Ball State University's Interim Title IX Policy and Procedures, please visit our website. Please note that the University's policy and procedures have undergone significant revisions starting with the 2020-21 school year and ongoing.

Consistent with the University's Notice of Nondiscrimination and in accordance with the U.S. Department of Education's implementing regulations for Title IX of the Education Amendments of 1972 ("Title IX"), Ball State University prohibits sexual harassment that occurs within its education programs and activities.

This prohibition extends to all applicants for admission or employment and to all students (any status) and all employees (any status). An individual who is found to have committed sexual harassment in violation of this policy is subject to the full range of University discipline, up to and including termination of employment or expulsion. The University will provide persons who have experienced sexual harassment with ongoing remedies as reasonably necessary to restore or preserve access to the University's education program and activities.

Inquiries concerning the specific application of Title IX at Ball State should be directed to Ms. Katie Slabaugh, Associate Dean of Students/Title IX Coordinator in the Frank A. Bracken Administration Building, room 238, 765-285-1545, kslabaugh@bsu.edu. Persons can also contact the U.S. Department of Education Office for Civil Rights, Washington, D.C. 20202-1328, 1-800-421-3481, ocr@ed.gov.

Student Academic Ethics Policy

Actions which include but are not limited to cheating, plagiarism, falsely claiming to have completed work, cooperating with another person in academic dishonesty, knowingly destroying or altering another student's work, or attempting to commit an act of academic dishonesty that violates the Student Academic Ethics Policy (<http://www.bsu.edu/associateprovost/academicethics>).

The consequences of academic dishonesty are determined on a case-by-case basis by each instructor and may include but are not limited to one or more of the following academic sanctions: informal meeting, removal from dual credit course, dismissal from the university, or other appropriate consequence.

Academic Dishonesty Policy

It is imperative to your continued success that you exhibit academic integrity at all times. This entails:

- never submitting another person's work as your own; this includes LLM and other AI generated information (see: LLM and other AI Fair-Use Policy, below)
- never engage in "drylabing." (artificially manufacturing lab data and submitting it as part of a lab report)
- never cheating on quizzes and/or tests.
- following all ethical standards as described in your student handbook (see "Academic Dishonesty")

IMPORTANT: If you feel you have been unfairly accused of failing an academic integrity standard, you have the option and right to appeal to the Indiana Academy Academic Integrity board.

Please refer to the "Academic Dishonesty" portion of your student handbook. In particular, please read the "Academic Integrity Board". Remember that you always have the right to refute any accusation (or ramification dictated by your instructor) of academic dishonesty by having your case brought before the AIB. Note that if the AIB is used, its decisions are final.

For my class specifically, academic dishonesty is defined as the following:

- never submitting another person's work as your own; this includes LLM and other AI generated information (see: LLM and other AI Fair-Use Policy, below)
- never engage in "drylabing." (artificially manufacturing lab data and submitting it as part of a lab report)
- never cheating on quizzes and/or tests.
- following all ethical standards as described in your student handbook (see "Academic Dishonesty")

LLM and other AI Fair-Use Policy

Basic AI tools (spell-check, word-count, grammar, etc.) that assist with correcting errors and gathering information about your own work is not only accepted, but also encouraged!

More advanced AI tools such as LLMs (ChatGPT, LLaMa, Phi-1, etc.) that generate information or code may be used as a starting point for research or creative projects, but generated material should not (for several reasons!) be turned in as your own work. Using these LLMs can be very useful in helping you create a project and/or learn complex topics, but diligence is required to:

- ***Completely*** verify that all information provided by the LLM is accurate (this is a major problem, especially in the sciences!). Remember that these models pull non-vetted information from the internet, which will include non-expert, and sometimes malicious, sources.
 - You (and your grades) are responsible for any and all errors gathered in this manner.
- resist turning in LLM produced material as your own work. The point of being at the Academy is to use provided information as a Fall-board for your own intellect and creativity. Using these tools to help you gather ideas, or to find alternate ways to express your ideas, is both welcomed and encouraged. But make sure that you are not falling for temptation to use likely-erroneous data or logic that LLMs often provide. In other words, treat LLM generated material as you would other non-expert sources of material.
 - Presenting AI-generated material as your own will count as plagiarism, and will be dealt with accordingly (see Academic Dishonesty Policy, above)

Mask Policy

There is currently no campus wide mask-mandate, but if the CDC declares another health-emergency, and BSU puts a mask-mandate in place, this policy may change. If and when masks are required by BSU campus, the Indiana Academy will then follow the same procedure.

In case of extreme COVID-19, break glass for online policy

As it is possible that we may have to re-face pandemic conditions this year, there may be periods when some (or all) of us return to masks and/or are moved to online learning due to necessity or mandate. All of the below rules apply during e-learning, but some information may be useful:

Zoom Link: <https://bsu.zoom.us/j/7784148468>, if a password is required, please use "CptHook1".

Lectures: Classes will be provided on Canvas with the same frequency and schedule of the normal school year. It is your responsibility to view these videos w/o 24hours of their posting. It is vitally important to watch them *in order*.

Homework: Homework can easily be scanned or photographed and submitted on Canvas by the due-date required.

Laboratory: Labs will be designed to be done either in a discussion format on Zoom or using simulators (PocketLabs). Any documentation (journals, reports, etc) expected can be returned to me using the same procedure as HW.

Testing: Tests will be “given” and “collected” at very specific times (TBA). Future circumstances may require different methods, but currently the procedure is as follows:

- The test will be released on Canvas at a very specific day/time that will be announced several days in advance.
- You will have a set amount of time to complete your exam (will be announced on test day, and is tied to the length of that particular test).
- Returning your test to me will be as simple as scanning or photographing your exam and emailing it back to me before the given time has expired. 504/IEP accommodations (see below) will be honored.

Syllabus Change Policy

This syllabus is a guide to the course and may be subject to change with reasonable advanced notice as course needs arise.