

PHYS 2070: General Physics I

Class Meeting:

TTH 8:00 am to 9:15 am Section 001 (CRN 80181) Humanities Hall G66

TTH 9:30 am to 10:45 am Section 002 (CRN 80182) Humanities Hall G66

TTH 11:00 am to 12:15 pm Section 003 (CRN 80183) Humanities Hall G66

Zoom location of class: <https://clemsontech.zoom.us/j/4169084222>

Office Hours by appointment - schedule here: <https://calendly.com/clemsonamy>

Available office hour times: 10am-12:15 pm Wed, 12:45-3:30 Thurs

Course Description:

PHYS 2070 General Physics I 3 (3) Introductory course for students who are not majoring in physical science or engineering. This course covers such topics as mechanics, waves, fluids, and thermal physics. Credit for a degree will be given for only one of PHYS 1220, 2000, or 2070. Preq or concurrent enrollment: MTHS 1020 or MTHS1040 or MTHS 1050. PHYS 2070 meets the general education student learning outcome of natural sciences with laboratory by demonstrating the process of scientific reasoning through experimental activity and critical comparison of their results to those predicted by accepted natural science principles.

Course Learning Outcomes:

1. The student will demonstrate the ability to think critically and to use appropriate concepts to analyze qualitatively problems or situations involving physics.
2. The student will demonstrate the ability to use appropriate mathematical techniques and concepts to obtain quantitative solutions to problems in physics.
3. The student will develop the ability to read, evaluate, and interpret numerical and general scientific information and apply physical principles to real-world problems then communicate effectively the reasoning behind the solution.

Students may vary in their competency levels on these abilities. You can expect to acquire these abilities only if you honor all course policies, attend class regularly, complete all assigned work in good faith and on time, and meet all other course expectations of you as a student.

Course Modality:

This is an in-person course. Course attendance is expected. Students with extenuating circumstances regarding course attendance should reach out to the instructor for alternate arrangements. If the course needs to move to an online modality, we will hold synchronously classes using zoom. Material covered in class will be posted.



Amy Pope, PhD (she/her)

College of Science

306 Kinard Lab

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864-656-4349

I purpose to create an open and safe environment for all students, where you are encouraged to speak up and participate in class discussions. There are no stupid questions. It is the curiosity of our minds and ability to ask questions that helps us learn better. I support an inclusive learning environment where diversity and individual differences are understood, respected, appreciated, and recognized as a source of strength. I hope to bridge any learning gaps through this course and build a sense of community as we learn the content together.

Please do not hesitate to reach out to me if you have any specific concerns during this semester; I will work with you to address those. I can only help you if you let me know.

Attendance Policy:

The academic resources of Clemson University are provided for your intellectual growth and development, and class attendance is critical to your education. Therefore, you should attend scheduled courses regularly to attain your academic goals. In the event of an emergency or illness, contact me, preferably before a class or an exam takes place. For an absence to be considered an excused absence, use the Notification of Absences form in Canvas to directly communicate with the instructor. If you are not sure where that is, see this [help sheet](#).

For any student asked to quarantine/isolate because of exposure to the virus, inform me through the [Notification of Absences](#) form, so that I know you will be online and can support your learning in the class. You will also need to discuss with me any make-up work if you are absent. We should stay in touch! Since this is an in-person course, you are expected to return to in-person attendance once cleared by the University or once your illness/emergency is past.

Please be aware that notification of illness / emergency / quarantine must be received within one week of the event, and you may be asked to provide documentation. Documentation may include a notice from the university regarding quarantine, or confirmation that you had a doctor's appointment (whether in person or virtually).

Students are expected to wait for 10 minutes past the start of the class if the instructor is not present before the assumption is made that class is cancelled.

Clemson Thinks2:

This course is designed to be part of the Clemson Thinks2 (CT2) program. "Critical thinking is reasoned and reflective judgment applied to solving problems or making decisions about what to believe or what to do. Critical thinking gives reasoned consideration to defining and analyzing problems, identifying and evaluating options, inferring likely outcomes and probable consequences, and explaining the reasons, evidence, methods and standards used in making those analyses, inferences and evaluations. Critical thinking is skeptical without being cynical, evaluative without being judgmental, and purposefully focused on following reasons and evidence wherever they may lead." [http://www.insightassessment.com/FAQ/FAQs-General-Critical-Thinking/What-is-Critical-Thinking CT2](http://www.insightassessment.com/FAQ/FAQs-General-Critical-Thinking/What-is-Critical-Thinking-CT2)

Critical Thinking Methods of Teaching:

Critical thinking requires students to be active learners who engage in the material. Students need to be making decisions about what to believe or how to evaluate information. Critical thinking considers all aspects of a problem.

A variety of assignments (reflections, homework, and exams) in this course can be utilized as artifacts to demonstrate your refinement of critical thinking skills over the term.

Available Assistance:

In addition to the instructor's availability outside of regular class time, there are other opportunities for students to get help on course materials.

Tutoring Information: This course is supported by the Academic Success Center tutoring program. The ASC tutors have completed and done well in this course, and they understand the concepts well enough to help you work through questions you have. For more information visit <https://www.clemson.edu/asc/courses/tutoring/index.html>.

Additional Course Support: If you discover that you would like additional support to meet your success goals for this course, contact the Academic Success Center using their "Request for Course Assistance" form (<http://www.clemson.edu/asc/courses/index.html>).

I am available for office hours to answer any questions that you may have about the course or the course content.

Prepare to do your BEST

- Preview lecture notes and skim through the text for the material that will be covered prior to viewing it.

Education research shows that we must be exposed to material three times before it begins to sink in.

-Blank lecture notes can be printed from Canvas prior to lecture.

Additionally, these notes may be annotated on your tablet. If you prefer to take notes by hand that is fine.

Engage fully in class by listening or taking notes. While playing a game or surfing the web may be fun, it does not assist in your quest for physics knowledge.

-Watch each day's lecture with your equation sheet and calculator ready to solve problems...and use them.

Even though there is no grade associated with the worksheets, it is highly recommended that you work through them BEFORE looking at the solutions. The key to this class is PRACTICE.

-Really DO the homework. Rely on your brain not the internet.

-Study often and in small spurts. The concepts in this course build on one another. Studying little by little will overall reduce your study time and result in improved grades.

-You are permitted an equation sheet on tests. You will have to study diligently to get good grades on the exams.

-The online text is not directly linked to what we cover in the class.

-Ask questions (ASC, office hours, friends) freely.

Schedule an appointment here:

<https://calendly.com/clemsonamy> . Please see me privately if you have special needs or accommodations required in this course.

Inclement Weather:

Any exam that was scheduled at the time of a class cancellation due to inclement weather will be given at the next class meeting or moved online. The instructor will contact you with further information. Any assignments due at the time of a class cancellation due to inclement weather will be due at the next class meeting unless the instructor communicates differently. Any extension or postponement of assignments or exams must be granted by the instructor via email or Canvas within 24 hours of the weather-related cancellation.

Course Content:

Instructional content is organized in Modules or grouped with corresponding assessments.

[OpenStax Urone and Hinrichs College Physics](#)

Module 1: Foundational Skills: Mathematical Preparation and Pressure Textbook: Chapter 1, 11, 12

Students will develop quantitative mathematical skills necessary to be successful in this introductory physics course.

Topic 1: Introduction

Units, dimensional analysis, significant figures, converting units, order of magnitude calculations

Topic 2: Vectors in Physics

Scalars and vectors, vector components, Trigonometry, adding and subtracting vectors, relative motion

Topic 15: Fluids

Density, pressure, Archimedes principle and buoyancy, fluid flow, Bernoulli's Equation

Module 2: Kinematics Textbook: Chapter 2, 3

Students will solve one (or more) of the kinematic equations for an unknown quantity.

Topic 3: One-Dimensional Kinematics

Position, distance and displacement, speed and velocity, acceleration, kinematics equations of motion

Topic 4: Two-Dimensional Kinematics

Motion in two dimensions, projectile motion, range

Module 3: Newton's Laws, Work, and Kinetic Energy Textbook: Chapter 4, 5, 7

Students will solve Newton's second law equations for quantities of interest.

Topic 5: Newton's Laws of Motion

Force and mass, Newton's Laws of Motion, Forces in two-dimensions

Topic 6: Applications of Newton's Laws

Solving Newton's Laws, Connected objects, circular motion

Topic 7: Work and Kinetic Energy

Work by a constant force, kinetic energy, work-energy theorem, work by a variable force, power

Module 4: Energy and Rotational Motion Textbook: Chapter 6, 8, 9, 10

Students will evaluate real world situations and identify how energy conservation equations will allow them to solve for unknown quantities and develop a quantitative and qualitative understanding of rotational motion.

Topic 8: Potential Energy and Conservation of Energy

Conservative and non-conservative forces, potential energy, conservation of mechanical energy

Topic 9: Linear Momentum and Collisions

Linear momentum, impulse, conservation of linear momentum, collisions, center of mass

Topic 10: Rotational Kinematics and Energy

Angular position, velocity and acceleration, rotational kinematics, rolling motion, rotational kinetic energy, moment of inertia, conservation of energy

Module 5: Gravity, Oscillations, and Waves Textbook: Chapter 16, 6

Students will solve physical situations for unknown quantities that involve gravity, oscillation and waves.

Topic 11: Rotational Dynamics and Static Equilibrium

Torque, static equilibrium, angular momentum, conservation of angular momentum

Topic 12: Gravity

Newton's laws of universal gravitation, Kepler's Laws of planetary motion

Topic 13: Oscillations About Equilibrium

Periodic motion, simple harmonic motion, period of a mass on a string, pendulum period

Topic 14: Waves and Sound

Types of waves, wave functions, wave intensity, Doppler, superposition and interference, standing waves

Module 6: Final Exam Textbook: Review all chapters taught this semester

Reflection:

Reflection assignments are 10% of your course grade. Assignments are due at 11:59 pm on the day indicated in the schedule. These assignments focus on the metacognitive nature of learning. These assignments are designed to assist the student in learning how to learn.

Exams:

There will be five exams during the semester and one final exam. Each of the six exams is worth 10% of your final course grade. The lowest of the 6 exam grades will be dropped, which makes the total exam (five regular exams and the final exam) worth a total of 50% of your final grade.

All exams will be taken using the Respondus Lockdown browser with Webcam. This browser must be downloaded (be sure to update before exams) through the [Clemson University CCIT software download page](#). It is the student's responsibility to ensure that the browser is working prior to taking each exam.

Exams are closed notes/text. You may use a calculator and the course equation sheet during the tests. You will also want several blank sheets of scratch paper. You may not use any internet-based devices during the exam. The test will be administered through Canvas. You can take the exam in the classroom or find a quiet place to take the exam. All audio and video will be recorded during the exam.

Make-up exam policy: If the scheduled exams are missed due to technical difficulties or other official excuses, the instructor must be informed promptly (within 24 hours of the actual exam) and the make-up exam should be scheduled and completed within a week of the actual exam. The make-up exams will need to be approved by the instructor based on the relevant documents/ explanation provided. Makeup exams not requested within the week following the actual exam will be given a zero.

Homework:

Homework assignments are 20% of your course grade. Homework is due at 11:59 pm on the day indicated in the schedule. For late submissions, there will be a penalty of 1% points deduction/ hour. Late homework can be submitted for up to 50% credit until **12/09/2022** at 11:59 pm. One homework grade is dropped. All due dates are recorded on the calendar at the end of the syllabus. The cost for Expert TA is \$32.50 per semester per student. Expert TA offers students the option of a 14-day free trial. Any work done during the trial, including grades received, is saved and available after the license is purchased.

Clickers:

Clicker/participation grades are 20% of your final class grade. **Each clicker/participation grade is worth the same amount of credit (regardless of the number of raw points).** The 4 lowest (or missed) clicker grades will be dropped. Each question is graded as 80% credit for participation and 20% credit for correctness.

If you miss class due to university excused absences or illnesses and notify the instructor through the Notification of Absences form in Canvas (noa.app.clemson.edu), you will have an opportunity to make up clicker grades. To take advantage of this, you must complete the Makeup Clicker assignment under the Assignments tab in Canvas. Your makeup assignment will be graded and your corresponding zero for the in-class clicker score will be dropped in the grade calculation at the end of the semester.

Final Examination:

Your final exam is:

8:00 am section: Friday, December 16th from 7 pm to 9:30 pm

9:30 am section: Wednesday, December 14th from 8 am to 10:30 am

11:00 am section: Wednesday, December 14th from 3 pm to 5:30 pm

You will have 2.5 hours to take the exam. The exam is cumulative. While there are no exemptions in this course, you may consider using the final exam as your dropped exam.

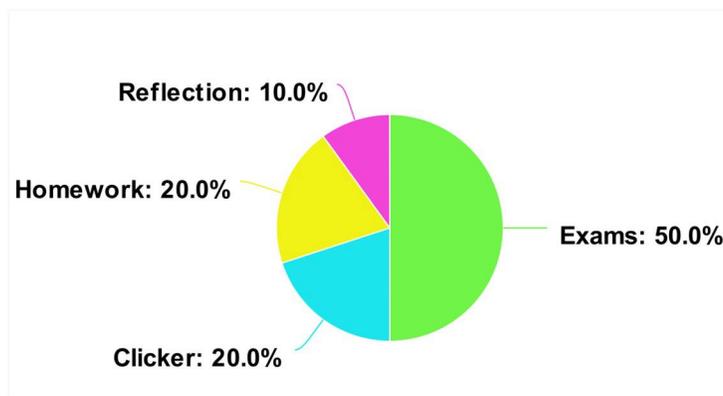
Extra Credit:

There are several extra credit opportunities listed under modules with their due dates shown in the course sched-ule. These are the ONLY extra points offered in the course. There will be NO ADDITIONAL POINTS awarded at the end of the semester. There will be no rounding of grades. If you feel you might be borderline, you will want to complete these assignments. No late assignments will be accepted.

Determination of Final Grade:

Extra Credit adds for a total of 1% of your final course grade. No further changes to grades will be made after the last day of class. Points available are as follows:

5 test & final	highest 5 grades at 10% = 50%
Clicker	20%
Homework	20%
Reflection	10%
Extra Credit	1%
<hr/>	
Total	101%



The following scale will be used:

A: 90% or higher

B: 80% to 89.99%

C: 70% to 79.99%

D: 60% to 69.99%

F: 0-59.99%

Required Materials:

The following materials are required for successful participation in the course:

- [Expert TA](#) account which can be purchased through Canvas for **\$32.50** per semester per student. Expert TA will be used for homework, class preparation quizzes and in class engagement. You may also purchase a code at the on-campus bookstore at a slightly higher rate.
- Download [OpenStax Urone and Hinrichs College Physics](#) (ISBN-10: 1-947172-01-8) **\$0.00**
- [Respondus](#) must be installed through the Clemson University offered download.
- Calculator (Any scientific calculator is fine.)
- [Adobe Reader \(free\)](#) or [Adobe Creative Cloud Acrobat \(free through Clem-son\)](#)
- iClicker Reef which is **\$15.99** per semester per student.

- Ancillary information (texts, videos, audio, slides, notes) is provided in my Canvas course.

iClicker Cloud:

I will be using iClicker to make our class time more engaging. This will help me understand what you know, give everyone a chance to participate, and increase how much you learn in class. This will also provide you with feedback on how well you are comprehending course concepts, help you master challenging concepts, and allow you to review material after class.

Participating in my iClicker sessions will be counted towards your final grade. Clickers will be worth **20%** of your final grade.

You are required to participate with the iClicker student app on a smartphone, tablet or laptop. It is your responsibility to follow the steps below to properly get added to my iClicker course in a timely fashion. It is also your responsibility to regularly check your iClicker records for any discrepancies and bring them to my attention within 48 hours.

I have set up an iClicker integration with our campus Learning Management System, which will pull your name directly into my iClicker roster.

1. If you have an existing iClicker student account that uses our official university email address and/or Student ID, you will automatically be added to my iClicker course. If the iClicker system does not find a matching iClicker student account, you will receive an email from iClicker Support with instructions to [update your existing account's profile](#) or [create a new account](#). Please note that this email may appear in your Spam or Junk folders.

2. If you receive an email prompting you to create or update your iClicker student account, make sure you include the correct account information. If you already have an iClicker account, do not create a new account. Instead, log in and edit your existing account's profile to avoid confusion and potential loss of points due to multiple accounts.

Ensure that your iClicker profile includes the following information:

Institution email address: xxx@clemson.edu
CUID

3. Check your Courses list in iClicker.

If you do not see my course in your Courses list, use the + sign to search for my course in iClicker.

In the "Find Your Institution" field, enter Clemson University.

In the "Find Your Course" field, enter PHYS 2070 Pope.

Double-check the details you see to make sure you select this course:

PHYS 2070 Pope - Fall 2022

Select "Add This Course" and it will be added to the main Courses screen of iClicker.

4. Purchase an iClicker subscription or access code to participate in class.

Make Sure you
Have These



Expert TA purchased
through Canvas
\$32.50



Download OpenStax
Urone and Hinrichs
College Physics
FREE



[iClicker REEF](#)
\$15.99

Upon signing up with iClicker, you will have a two-week free-trial period for using the app to participate in class activities. Before the free trial ends, you need to [purchase an iClicker subscription or obtain an access code](#) to continue participating in class with iClicker on your mobile device, tablet, or laptop. To [redeem an access code](#), you must visit the Subscriptions section of the [iClicker student web app](#) (NOT the mobile app). iClicker will let you know when your free trial is ending. If your free trial ends without completing this step, you will be unable to participate in class activities until you purchase a subscription or enter an access code.

5. Set up the device(s) you'll use to participate in our class sessions. You can download the iClicker student mobile app via the App Store or Google Play, or you can use the iClicker web app by signing in as a student at [iclicker.com](#).

6. Now the fun part! Participate in my iClicker class activities. When it's time for class, make sure you have selected my course from the main screen of iClicker. Select the Join button that appears on your screen, then answer each question. For short answer, numeric, and target questions, make sure you select Send.

I have turned on a GPS location requirement for iClicker in our class. If you are not physically in class when you try to join with iClicker, you will not be counted as present and will not be able to respond to my polling/quizzing questions.

You will need to allow the device you are using to reveal your location in order to successfully check in. If you have any issues with your device's location settings, refer to the [Attendance Geolocation Troubleshooting Guide](#).

7. Review your work and study after class in iClicker. You can review your grades and performance in iClicker.

Academic Integrity Information

iClicker activities fall under the provisions of our campus academic honesty policy. Students must not engage in academic dishonesty while participating in iClicker activities. This includes but is not limited to:

- Checking in while not physically in class
- Having another student check you into class
- Answering polling questions while not physically in class
- Looking at other students' devices while answering live questions
- Using more than one iClicker remote or account at a time

Any student found to be in violation of these rules will be found in violation of Clemson's Academic Integrity Policy.

Need help with the iClicker student app or your remote?

If you are having trouble with your iClicker access code, check out this [guide to access code errors](#).

If you are having issues connecting to the iClicker student app, check out these [iClicker connectivity tips](#).

If you are having issues seeing your iClicker points, check out this [troubleshooting guide](#).

Find answers to many of your questions and contact the iClicker Tech Support Team by visiting [iclicker.com/support](#) at any time.

Signature Assignment:

The signature lab assignment for this course is the 'Pressure Lab'. Students follow experimental procedures, collect data, and analyze data to compare their results to accepted physical principles. For the lab, students measure atmospheric pressure, which is compared to accepted values, and pressures at various depths. They analyze their data to calculate the density of an unknown material using the physical principle of gauge pressure.

Phys 2070 Course Schedule:

Due dates are fixed as per the schedule. On rare instances I will grant more time on an assignment if we have not yet covered the material but please consider this a fixed document of due dates otherwise.

August 22	Aug 23	Day 1 - Aug 24	Day 2 - Aug 25 Topic 1	Day 3 - Aug 26 HW 1 due
Day 4 - Aug 29	Day 5 - Aug 30 CLASS Clicker 1 -Topic 2	Day 6 - Aug 31 Reflection 1	Day 7 -September 1 Clicker 2 -Topic 15	Day 8 - Sept 2 HW 2 & 15 due
Day 9 - Sept 5	Day 10 - Sept 6 Test 1 - Topics 1, 2, 15	Day 11 - Sept 7 Reflection 2	Day 12 - Sept 8 Clicker 3 -Topic 3	Day 13 - Sept 9
Day 14 - Sept 12 EC STRAW	Day 15 - Sept 13 Clicker 4 -Topic 3	Day 16 - Sept 14 Reflection 3	Day 17 - Sept 15 Clicker 5 -Topic 4	Day 18 - Sept 16 HW 3 due
Day 19 - Sept 19	Day 20 - Sept 20 Clicker 6 -Topic 4	Day 21 - Sept 21 Reflection 4	Day 22 - Sept 22 Clicker 7 -Topic 4	Day 23 - Sept 23 HW 4 due
Day 24 - Sept 26 EC TOPIC	Day 25 - Sept 27 Test 2 -Topics 3, 4	Day 26 - Sept 28 Reflection 5	Day 27 - Sept 29 Clicker 8 -Topic 5	Day 28 - Sept 30
Day 29 -October 3 EC TABLECLOTH	Day 30 - Oct 4 Clicker 9 -Topic 5	Day 31 - Oct 5 Reflection 6	Day 32 - Oct 6 Clicker 10 -Topic 6	Day 33 - Oct 7 HW 5 due
Day 34 - Oct 10	Day 35 - Oct 11 Clicker 11-Topic 6	Day 36 - Oct 12 Reflection 7	Day 37 - Oct 13 Clicker 12 -Topic 7	Day 38 - Oct 14 HW 6 due
Day 39 - Oct 17	Day 40 - Oct 18 Test 3 - Topics 5, 6, 7	Day 41 - Oct 19 Reflection 8	Day 42 - Oct 20 Clicker 13 -Topic 8	Day 43 - Oct 21 HW 7 due
Day 44 - Oct 24 EC FORK	Day 45 - Oct 25 Clicker 14 -Topic 8/9	Day 46 - Oct 26 Reflection 9	Day 47 - Oct 27 Clicker 15 -Topic 9/10	Day 48 - Oct 28 HW 8 & 9 due
Day 49 - Oct 31 EC TOPIC	Day 50 - November 1 Clicker 16 -Topic 10	Day 51 - Nov 2 Reflection 10	Day 52 - Nov 3 Clicker 17 -Topic 11	Day 53 - Nov 4 HW 10 due
Day 54 - Nov 7 Fall Break	Day 55 -Nov 8 Fall Break	Day 56 - Nov 9 Reflection 12	Day 57 - Nov 10 Test 4 - Topics 8,9,10	Day 58 - Nov 11
Day 59 - Nov 14	Day 60 - Nov 15 Clicker 18 -Topic 11	Day 61 - Nov 16 Reflection 11	Day 62 - Nov 17 Clicker 19 -Topic 12	Day 63 - Nov 18 HW 11 due
Day 64 - Nov 21 EC ANGULAR	Day 65 - Nov 22 Clicker 20 -Topic 12	Day 66 - Nov 23 Thanksgiving	Day 67 - Nov 24 Thanksgiving	Day 68 - Nov 25 Thanksgiving
Day 69 - Nov 28 EC TOPIC	Day 70 - Nov 29 FCI Clicker 21 -Topic 13	Day 71 - Nov 30 Reflection 13	Day 72 -December 1 Clicker 22 -Topic 14	Day 73 - Dec 2 HW 12&13 due
Day 74 - Dec 5 EC COURSE EVAL	Day 75 - Dec 6 Test5-11,12,13,14	Day 76 - Dec 7 Reflection 14	Day 77 - Dec 8 Clicker 23 –REVIEW	Day 78 - Dec 9 HW 14 due

Sept 6: Last day to drop a class or withdraw from the University without a W grade

Oct 28: Last day to drop a class or withdraw from the University without final grades

December 10: All homework grades finalized at 11:59 pm

Final exam:

8:00 am section: Friday, December 16th from 7 pm to 9:30 pm

9:30 am section: Wednesday, December 14th from 8 am to 10:30 am

11:00 am section: Wednesday, December 14th from 3 pm to 5:30 pm

University Policies and Student support, syllabus part two 2022-23

Student Support



ACADEMIC SUCCESS CENTER

The [Academic Success Center](#) (ASC) offers a variety of free learning and success services for all undergraduate students that are designed to equip students with strategies and resources they can use to become a more confident, independent and skillful learner.

LEARNING SUPPORT SERVICES

- [Peer Tutoring](#) – students can expect a 1:1 meeting with a trained undergraduate peer leader (who made an A or B in the course and was recommended by a faculty member) during which the student can share specific questions they have about course content with the tutor focused on helping the student, through questioning techniques and identification of helpful learning strategies, master course concepts. Tutors do not help with homework or other class assignments. (Linked to a course)
- [Peer-Assisted Learning \(PAL\)](#) – students can expect collaborative and active group learning and study sessions focused on mastery of course content and learning strategies that is facilitated by a trained undergraduate peer leader (who made an A or B in the course and was recommended by a faculty member). PAL leaders do not help with homework or other class assignments. (Linked to a course)
- [Academic Coaching](#) – students can expect a 1:1 meeting with a trained professional academic coach during which the coach helps students see themselves, their skills, and their study habits from a fresh perspective through one-on-one sessions focused on learning and personal success strategies.
- [Success Strategy Workshops](#) – students can expect 30 - 45-minute workshops on college success skills, time management and organizational skills, test-taking strategies, study strategies, finals preparation, life skills, and academic resources.

CAMPUS LOCATION

The Class of 1956 Academic Success Center building is in the center of campus adjacent to Cooper Library and the Watt Family Innovation Center.

INCLUSION STATEMENT

The Academic Success Center exists to inspire success in every student who participates in our programs and services. Celebrating and honoring the diversity of our students, faculty, and staff is at the core of inspiring success and a sense of belonging. The diversity of our Clemson community comes in many forms, but inclusion comes in only one form – when each member of our community experiences a real sense of belonging. We, the ASC staff, are committed to creating a welcoming and inclusive experience at the Center. We affirm that our goal of creating and delivering welcoming, inclusive, and equitable student learning experiences at the Center requires

our active and ongoing commitment to listening and learning through engagement in professional development opportunities and confronting and dismantling inequalities. We acknowledge that this will be an ongoing work in progress and pledge to strive for continuous improvement.



ACADEMIC ADVISING

[Academic advising](#) is an ongoing educational process that connects the student to the University. Academic advising supports the University's mission of preparing the student for learning beyond the confines of the academy. Academic advisors represent and interpret University policies and procedures to the student and help the student navigate the academic and organizational paths of the institution.



COOPER LIBRARY

Do you need library sources but don't know where to start? Are you asking your students to search for a book, article, or data to support their argument? Not sure whether they know how to cite a source properly in their bibliography? Tell them to ask a librarian! Help is available in person at each of our locations: Cooper Library, Gunnin Architecture Library, and the Education Media Center. You can also chat with a librarian live from our website, by phone at 864.656.1557, or text 864.762.4884.

Extended research assistance with librarians who specialize in subject areas is also available by appointment. A list of librarians and their areas of expertise are listed on the [subject librarians page](#). Check the Library's [Ask Us](#) page for details. For assistance with digital projects, the Adobe Digital Studio is located on the 5th floor and is staffed to support the needs of you and your students. You can [download Adobe Creative Cloud](#) for free. The [Scholar's Lab](#) is a new space that provides support for data visualization, data analysis, and digital research methods. Check out the Library's [web page](#) for upcoming workshops and other events.

Cooper Library and Technical Support

If you are having hardware or software problems, CCIT's Service Desk may be able to help you. Contact them by emailing ITHELP@clemson.edu, calling or texting (864) 656-3494, or starting a live chat at ccit.clemson.edu. The help desk is located in Cooper Library.

GRADUATE STUDENT SUCCESS RESOURCES

The Graduate School maintains a [collection of grad student resources](#) applicable to graduate students for professional development, governance, the handbook, and thesis/dissertation resources). It has resources regarding education, student life, and health and safety as well.



Election Dates

U.S. local elections are facilitated through state and county municipalities. Students attending college may register to vote at their local campus addresses or choose to remain registered or register at their permanent or home address. The nonpartisan Campus Vote Project has compiled

information for all students on state-by-state voter registration:

<https://www.campusvoteproject.org/state-student-voting-guides>

The national midterm elections will be held on November 8. Voter registration dates differ by states, but the registration deadlines in South Carolina are October 7 (in person), October 9 (online), and October 11 (postmarked by mail).

Faculty and instructors of record may wish to inform students of these deadlines and may wish to incorporate nonpartisan voter education assignments into their courses. The [ClemsonVotes coalition](#) will be providing ideas and resources for faculty and instructors via [the Clemson Teaching Listserv](#) throughout the semester.



MICHELIN CAREER CENTER

[The Michelin® Career Center](#), in the Center for Career and Professional Development, assists undergraduate and graduate students in selecting appropriate fields of study, learning effective job searching strategies, and making connections with employers. Career counselors are available to meet with students to explore career or educational options, develop résumés and cover letters, hone interviewing techniques, conduct searches for internships and full-time jobs, and ready themselves for interviewing with employers. In addition, students may utilize ClemsonJobLink, the Career Center's on-line recruiting system, to view part-time jobs, internships, and full-time job postings and to sign up for on-campus interviews. The Center's goal is to endow students with the skills and tools to find part-time jobs and internships while in school, as well as full-time jobs following graduation. Other information can be obtained from the [Career Center's website](#) or by calling 864-656-6000.

THE CENTER'S INTERNSHIP PROGRAM

This program brings together students and employers to facilitate academically enriching and mutually beneficial work experiences. This program offers on-campus, off-campus and international internship options. Students may participate in either part-time or full-time internships.

UPIC: University Professional Internship and Co-op

The University Professional Internship and Co-op (UPIC) Program offers students on-campus professional learning experiences. Students have the opportunity to work with Clemson faculty and staff on Clemson's main campus, as well as other sites across the state, while receiving an academic internship notation on their transcripts. Enrollment in the appropriate INT course and payment of the corresponding fee is a requirement of the program (e.g. INT 1510). In order to be eligible for the program, a student must have completed at least one full semester at Clemson University and be an enrolled and matriculating undergraduate student in good standing. Available internships are typically listed in ClemsonJobLink halfway through the semester prior to the experience. Additional information is available at <http://career.clemson.edu> or by calling the program office at 864-656-0282.

COOPERATIVE EDUCATION

The Cooperative Education Program (or Co-op Program) is a rigorous engaged-learning program designed to provide students with the opportunity to learn under a mentor in their field of study. Companies partner with the program to host the co-op student for two, three or more rotations and this in-depth learning experience becomes an integral part of the student's education. The co-op student's experience is monitored and evaluated by the faculty and academic staff of the Co-op Program. Co-op students are paid by the host company. Students enroll in the program and begin the matching process at the beginning of the semester. For more information, contact the program office at 864-656-3150 and speak with a co-op advisor.



REGISTRAR

[The Registrar's office](#) provides information about important deadlines, degree and program requirements, and other key information, including use of iROAR to add, drop, or withdraw from courses.

STUDENT ACCESSIBILITY SERVICES: Accessibility Statement

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the instructor know and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848, by emailing studentaccess@lists.clemson.edu, or by visiting Suite 239 in the Academic Success Center building. Appointments are strongly encouraged – drop-ins will be seen, if at all possible, but there could be a significant wait due to scheduled appointments. Students who have accommodations are strongly encouraged to request, obtain and send these to their instructors [through the AIM portal](#) as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. You can access further information at the [Student Accessibility website](#). Other information is at the university's [Accessibility Portal](#).

STUDENT HEALTH AND WELLNESS RESOURCES

[Student Health Services](#), locally known as “Redfern” Health, strengthens Clemson University by providing quality medical and mental health care and the health, safety and well-being of the campus community. Student Health Services strives to be an innovative health care system providing integrated quality services that are responsive to the needs of the University community.

For information on who to contact for help in a crisis situation, visit [the Student Health contact page](#) and the [emergency/crisis page](#) for getting help.



CAPS: COUNSELING AND PSYCHOLOGICAL SERVICES

[At Counseling and Psychological Services\(CAPS\)](#), you are encouraged to be an active participant in your medical and mental health care. Which service is the right one for you hinges on your individual need, and CAPS will help you figure that out.

CAPS is committed to educating students, as well as offering outreach services to faculty and staff members in order to improve the quality of their interactions with students and to promote a healthy work environment.



WRITING LAB

Clemson University's Writing Lab offers free one-on-one writing support for undergraduate and graduate students. Available appointments include in-person and virtual options. Students can seek support at any stage of the writing process, from brainstorming to final revisions. Arrangements can be made for group appointments. Visit the [Writing Lab's website](#) for more information about their services or to make an appointment. Please note that the Writing Lab is now located on Cooper Library's third floor.



THE PAW PANTRY

The Paw Pantry is an on-campus food pantry and resource center available to Clemson University students free of charge, no questions asked. Non-perishable foods, school supplies, hygienic supplies, and household items are available. Paw Pantry is currently located at Serrine Hall, Room 233. The hours of operation can be found [here](#). If interested in utilizing the pantry, donating, or volunteering please visit our [website](#), email pawpantry@clemson.edu or follow on Instagram [@cupawpantry](#). Contact person is [Kate Radford](#) at 864-656-2535.

Clemson Policies



ACADEMIC CONTINUITY

Clemson has developed an Academic Continuity Plan for academic operations. Should university administration officially determine that the physical classroom facility is not available to conduct classes, class will be conducted in a virtual (online) form. The university issues official disruption notifications through email, website, text notification and Social Media. When notified, use one of the following links to navigate to Clemson Canvas where you will find important information about how we will conduct class:

- Primary access link: <http://www.clemson.edu/canvas>
- Secondary access link, if needed: <https://clemson.instructure.com/>

- You can also use the Canvas Student App. [Visit the downloads page](#) for this app. Course activities will occur through the Canvas course.



ACADEMIC INTEGRITY

As members of the Clemson University community, we have inherited Thomas Green Clemson's vision of this institution as a "high seminary of learning." Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.

All infractions of academic dishonesty by undergraduates must be reported to Undergraduate Studies for resolution through that office. In cases of plagiarism instructors may use the Plagiarism Resolution Form.

See the [Undergraduate Academic Integrity Policy](#) website for additional information and [the current catalogue](#) for the policy.

For graduate students, [see the current graduate student handbook](#) for all policies.

ACADEMIC GRIEVANCES

Undergraduate students are advised to contact the Ombuds' Office prior to filing an academic grievance. If the undergraduate academic ombudsman agrees that a grievable issue has occurred, students can contact Undergraduate Studies (656-3022) for assistance filing official paperwork within 30 days of the semester following the awarding of a disputed grade.

Graduate students follow the [Graduate Student Handbook](#) (per the catalogue, "grievances must be filed with the Graduate School within 60 days of the alleged act.")



COPYRIGHT

Original works of authorship including but not limited to books, novels, poetry, articles, works of art, photos, images, videos, movies, music, architectural designs etc. are protected under copyright law. When copyright protected materials or portions of such materials are made available to you by an instructor, they are intended to be used for educational purposes, they are intended for use only by students enrolled in a particular course and only for instructional activities associated with the course. They should not be retained in another medium or disseminated further for non-course related purposes unless you have permission to do so by the copyright owner.



COMMITMENT TO DIVERSITY

Clemson University aspires to create a diverse community that welcomes people of different races, cultures, ages, genders, sexual orientation, religions, socioeconomic levels, political perspectives, abilities,

opinions, values and experiences.

The Clemson University Title IX statement regarding non-discrimination

The Clemson University Title IX statement: Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This [Title IX policy](#) is located on the Access and Equity website. Ms. Alesia Smith is the Clemson University Title IX Coordinator, and the Executive Director of Equity Compliance. Her office is located at 223 Brackett Hall, 864-656-0620. Remember, email is not a fully secured method of communication and should not be used to discuss Title IX issues.



Emergency Preparedness Statement

Emergency procedures have been posted in all buildings and on all elevators. Students should be reminded to review these procedures for their own safety. All students and employees should be familiar with guidelines from the Clemson [University Police Department](#). [Visit here for information about safety.](#)

Clemson University is committed to providing a safe campus environment for students, faculty, staff, and visitors. As members of the community, we encourage you to take the following actions to be better prepared in case of an emergency:

1. Ensure you are signed up for [emergency alerts](#)
2. Download the [Rave Guardian app](#) to your phone (<https://www.clemson.edu/cusafety/cupd/rave-guardian/>)
3. Learn what you can do to [prepare yourself](#) in the event of an active threat (<http://www.clemson.edu/cusafety/EmergencyManagement/>)



ONLINE CONDUCT

Appropriate online academic conduct means maintaining a safe learning environment based on mutual respect and civility. All participants in Clemson courses are expected to behave professionally by adhering to standards of conduct, such as:

- Never transmit or promote content known to be illegal or protected by copyright.
- Never use harassing, threatening, embarrassing, or abusive language or actions.
- Respect other people's privacy as well as your own.

Online interactions that fail to meet standards of conduct may result in being blocked from

online discussions, receiving a grade penalty, or being dismissed from the course. Such misconduct in the online environment may also be reported to officials for appropriate action in accordance with University policy. If you ever encounter inappropriate content in your course, please contact [Matthew Briggs](#) and the instructor with your concerns.

RESEARCH

Please consult the [Clemson research policies](#). If a course includes the use of animals, [IUCAC regulations](#) must be followed. If a course involves any human subjects research, this research will comply with [campus IRB regulations](#). This includes research of the course itself, which, while it may fall under one of the exempt categories, needs IRB review.