



# NORTHWEST FLORIDA STATE COLLEGE

100 College Boulevard, E. • Niceville, FL 32578-1347 • (850) 678-5111 • [www.nwfsc.edu](http://www.nwfsc.edu)

## INSTRUCTOR INFORMATION

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- Professor: Dr. Kurt Teets
- Email: [teetsk@nwfsc.edu](mailto:teetsk@nwfsc.edu)
- Phone: 850-729-5247
- Office Hours: Posted by office building 350/rm 211 door. May change during semester.
- Office Location (Campus/Building/Room): Niceville/350/211 and 228

## INSTRUCTOR COMMUNICATION

Your NWFSC email is the official communication medium of the College. Please check your College email regularly for any class and College notifications. Emails will be responded to within 48 business hours. College is closed on Fridays.

## OPTIONAL SPACE FOR INSTRUCTOR

Include *optional* instructor guidelines for items such as:

- Class Policies
- Technical difficulties
- Additional classroom policies regarding technology

## COURSE INFORMATION

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- Course Name and Number: PHY 1020 CRN 30129
- Class Location (Campus/Building/Room): Online
- Class Modality: Online
- Class Days: Online
- Class Times: Online
- Online Classroom with Gradebook: [Canvas class shell](#)
- Final Exam: August 1-3

## COURSE CURRICULUM

THIS COURSE OFFERS A COMPREHENSIVE SURVEY OF PHYSICS, COVERING A WIDE RANGE OF TOPICS INCLUDING MOTION, NEWTON'S LAWS, ENERGY, SOUND, HEAT, ELECTRICITY, MAGNETISM, AND OPTICS. EMPHASIZING A CONCEPTUAL UNDERSTANDING OF PHYSICS, THE COURSE INTEGRATES CRITICAL THINKING SKILLS AND REAL-WORLD APPLICATIONS.

## **STUDENT LEARNING OUTCOMES:**

- STUDENTS WILL CRITICALLY EVALUATE EVERYDAY PHENOMENA USING THE SCIENTIFIC METHOD.

- STUDENTS WILL EXPLAIN THE BASIS OF PHYSICAL PRINCIPLES (SUCH AS CONSERVATION LAWS) AND HOW THEY APPLY TO EVERYDAY PHENOMENA.
- STUDENTS WILL INTERPRET INFORMATION CONVEYED IN DIAGRAMS AND GRAPHS.
- STUDENTS WILL PERFORM SIMPLE CALCULATIONS RELEVANT TO REAL WORLD PROBLEMS.

## **Student Expectations of the Course**

*Instructor will reply to emails with 48 College business hours*

*Instructor will post and maintain office hours*

*Instructor will provide a schedule of material to be covered on the syllabus*

*Instructor will communicate important information such as exam dates in a timely manner*

*Instructor will maintain updated gradebook in the Canvas LMS*

*Instructor will include a clear grading policy in the syllabus*

*Instructor will include contact information such as their email address and phone number*

*Instructor will return graded work in a timely manner*

*Instructor will post videos in the Canvas LMS on topics covered for students to watch at their leisure*

## **How Student Performance Will be Measured**

*The student may be evaluated by the following methods:*

*Periodic exams over lecture material*

*Periodic quizzes*

## **COURSE PREREQUISITE**

None

## **COURSE MATERIALS**

Canvas access for online exams and extra credit quizzes

Mastering Physics account for homework

eText of Physical Science by Hewitt, 6<sup>th</sup> edition (publisher Pearson), is accessed in Mastering Physics, not via Canvas

Nonprogrammable calculator (no TI-80 series or comparable)

## **To register for PHY 1020 Physical Science Online Summer 2026:**

**1. Go to <https://mlm.pearson.com/enrollment/teets31211>**

**2. Sign in with your Pearson student account or create your account. For Instructors creating a Student account, do not use your instructor credentials.**

**3. Select any available access option, if asked. » Enter a prepaid access code that came with your textbook or from the bookstore. » Buy instant access using a credit card or PayPal. » Select Get temporary access without payment.**

**4. Select Go to my course.**

**5. Select PHY 1020 Physical Science Online Summer 2026 from My Courses. If you contact Pearson Support, give them the course ID: teets31211**

**To sign in later: 1. Go to <https://mlm.pearson.com>**

**2. Sign in with the same Pearson account you used before.**

**3. Select PHY 1020 Physical Science Online Summer 2026 from My Courses.**

### **Accessing the course**

The class material for PHY 1020 Distance Learning is delivered via Northwest Florida State College's online classroom platform, Canvas, and Mastering Physics for Conceptual Physical Science.

You can navigate to Canvas from the College's home page: <https://www.nwfsc.edu/>. Click on the NWF Online link at the top, and log-in using the same credentials you would for your student email account.

### **First Things!**

**The first thing to do is take the Orientation quiz in Canvas. Once you get a 100% on it, other assessments will unlock in Canvas.**

**NOTHING ELSE WILL UNLOCK IN CANVAS UNTIL YOU GET 100% ON THE ORIENTATION QUIZ!!!**

**You have unlimited attempts at the orientation quiz until the due date. It also serves as your record of attendance before the end of the drop/add period.**

### **Respondus Lockdown Browser**

Also a first thing to do is take the practice Respondus Lockdown quiz in Canvas, so you are familiar with it and how to use it. All Unit tests and the final exam will require you to use the Respondus Lockdown browser. We use this for Academic Integrity.

When you are taking an assessment using the Respondus Lockdown browser, you will not be able to open other tabs/browsers/applications. Also, the Respondus Monitor will record video while the assessment is being taken. So you must have a webcam.

This course supervises exams through an online proctoring tool that will monitor you while completing course assessments. Northwest Florida State College authorizes the use of approved online proctoring solutions, such as Respondus, to promote academic integrity. These solutions have been approved by NWFSC Academic Affairs and NWFSC IT to be used in course assessments. The Respondus solution may

monitor assessments by a variety of means, such as but not limited to, viewing and recording through your computer's webcam, monitoring for noise in the room through your computer's microphone and speaker system, monitoring for other internet usage while taking the assessment, and recording keystroke and visual images. The College has authorized these approved online proctoring providers to perform this service for the purpose of maintaining academic integrity. Information gathered through the proctoring solution is used by the College to ensure academic integrity in testing and may result in a complaint against you under the Academic Integrity Policy or Student Code of Conduct, should the College have reason to believe either policy has been violated. By registering for this course and maintaining your enrollment and not dropping the course prior to the add/drop deadline, you freely and voluntarily consent to the online proctoring requirement in this course.

### **LockDown Browser + Webcam Requirement**

This course requires the use of LockDown Browser and a webcam for online exams. The webcam can be the type that's built into your computer or one that plugs in with a USB cable.

Watch this brief video to get a basic understanding of LockDown Browser and the webcam feature.

<https://www.respondus.com/products/lockdown-browser/student-movie.shtml>

### **Download Instructions**

- Select a quiz from the course
- If you have not already installed LockDown Browser, select the link to download the application and follow the installation instructions
- Return to the quiz page in a standard browser
- LockDown Browser will launch and the quiz will begin

Note: LockDown Browser only needs to be installed once per computer or device. It will start automatically from that point forward when a test requires it.

### **Guidelines**

When taking an online exam, follow these guidelines:

- Ensure you're in a location where you won't be interrupted
- Turn off all other devices (e.g. tablets, phones, second computers) and place them outside of your reach
- Before starting the test, know how much time is available for it, and also that you've allotted sufficient time to complete it
- Clear your desk or workspace of all external materials not permitted - books, papers, other devices
- Remain at your computer for the duration of the test
- If the computer, Wi-Fi, or location is different than what was used previously with the "Webcam Check" and "System & Network Check" in LockDown Browser, run the checks again prior to the exam
- To produce a good webcam video, do the following:
  - Avoid wearing baseball caps or hats with brims
  - Ensure your computer or device is on a firm surface (a desk or table). Do NOT have the computer on your lap, a bed, or other surface where the device (or you) are likely to move
  - If using a built-in webcam, avoid readjusting the tilt of the screen after the webcam setup is complete
  - Take the exam in a well-lit room, but avoid backlighting (such as sitting with your back to a window)

- Remember that LockDown Browser will prevent you from accessing other websites or applications; you will be unable to exit the test until all questions are completed and submitted

### Getting Help

Several resources are available if you encounter problems with LockDown Browser:

- The Windows and Mac versions of LockDown Browser have a "Help Center" button located on the toolbar. Use the "System & Network Check" to troubleshoot issues. If an exam requires you to use a webcam, also run the "Webcam Check" from this area
- 24/7/365 Live Chat Support is also available from the Help Center, or from within the "it's not working" troubleshooter.

- **[How do I contact NWF Learning Technologies Support?](#)**
- Call us at **[\(850\) 729-6464](tel:8507296464)**
- Email us at **[online@nwfsc.edu](mailto:online@nwfsc.edu)**
- Send us a **[support ticket via Fresh Service](#)**
- Visit us at **[Building 430, Room 100 at the Niceville Campus](#)**

The extra credit quizzes DO NOT require/use the Respondus Lockdown browser.

Please regularly check your NWFSC student email. It is the official mode of communication for the College. Please contact Dr. Teets via school email with any questions/issues. Posts in **[Canvas](#)** Discussion/Help are not automatically sent to Dr. Teets and may not be seen immediately. Also, the message function is not the same as sending an email. Responses are sent within 48 business hours. The College is closed from Friday to Monday morning.

### GRADING PROCEDURES

Your grade will be based on the percentage of **all** points that you earn in the class.

- **All TESTS/QUIZZES WILL BE IN THE Canvas. NO QUIZZES/TESTS WILL UNLOCK UNTIL YOU GET A 100% ON THE ORIENTATION QUIZ IN Canvas.**
- **All QUIZZES WILL BE IN THE Canvas. NO QUIZZES WILL UNLOCK UNTIL YOU GET A 100% ON THE ORIENTATION QUIZ IN Canvas.**

- Canvas test grades and final exam-90% of grade. The **AVERAGE** of these tests counts for 90% of your overall grade. There will be 4 tests on approximately 3 units each and a cumulative final. They will consist of multiple choice questions. The lowest of these will be dropped from the overall test average at the end of the semester.
- Mastering Physics homework assignments: 10% of grade. Each Unit will have an assignment, and will have their own due dates, as the semester goes along. You access this by going to your Mastering Physics account, not through Canvas. They are not linked.
- Canvas extra credit quizzes. THESE ARE NOT THE HOMEWORK. THAT IS MASTERING PHYSICS. Questions on the tests and final can come from these. There will be 3 extra credit quizzes per Unit. There will be 3 extra credit quizzes per Unit. Only the high score on a quiz will be recorded in your grade book. You can take each quiz an unlimited number of times until the due date. The average of your extra credit quizzes can count up to 3% extra credit at the end of the semester (raise your overall grade by UP TO 3%).

### Accessing the course

The class material for CHM 1020 Distance Learning is delivered via Northwest Florida State College's online classroom platform, Canvas. You can navigate to it from the College's home page: <https://www.nwfsc.edu/>. Click on the NWF Online link at the top, and log-in using the same credentials you would for your student email account.

Please regularly check your NWFSC student email. It is the official mode of communication for the College. Please contact me via email with any questions/issues. Posts in Canvas discussion are not automatically sent to the instructor and may not be seen immediately.

### GRADING PROCEDURES

Your grade will be based on the percentage of **all** points that you earn in the class. All assessments (quizzes, tests, final exam) or accessed via Canvas:

- NO QUIZZES/TESTS WILL UNLOCK UNTIL YOU GET A 100% ON THE ORIENTATION QUIZ.
- 4 Unit exams on approximately 3 Units each, and a Cumulative Final exam: 90% of grade. Lowest score of these will be dropped. These require the Lockdown Browser and Respondus Monitor. Only one attempt on each. Must use the Respondus Lockdown browser and Respondus Monitor.
- Mastering Physics Homework, 10% of grade.
- Canvas extra credit quizzes (different from Canvas exams). There will be 3 per Unit. At the end of the semester, your overall average on these can raise your overall course average by 3%. You can take each quiz an unlimited number of times until the cutoff date. Only the highest score is recorded in the gradebook for each. If you do not take a quiz, it will be recorded as a zero, and included in the overall average for quizzes. **You do NOT use the Respondus Lockdown browser for these.**

NWFSC POLICY	DESCRIPTION
<a href="#"><u>Academic Integrity</u></a>	Students are expected to behave responsibly as members of the College community and be honest and forthright in their academic endeavors. They are also expected to behave professionally and refrain from disrupting other students' learning environments.
<a href="#"><u>Accommodations</u></a>	The <a href="#"><u>Accommodation Resource Center</u></a> at Northwest Florida State College is committed to providing equal access and opportunities for educational success to all students with disabilities as guided by the American Disabilities Act and other disability-related laws.
<a href="#"><u>Attendance</u></a>	Regular attendance and participation in the course is expected.
<a href="#"><u>Tutoring Services</u></a>	Tutoring services are available in person and online.
<a href="#"><u>Counseling Services</u></a>	All actively enrolled students can receive an initial assessment and up to five therapeutic sessions with a Behavioral Health provider at no cost to the student.
<a href="#"><u>Student Code of Conduct</u></a>	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
<a href="#"><u>Student Complaints</u></a>	NWFSC desires to resolve student grievances, complaints, and concerns expeditiously, fairly, and in an amicable manner. A student who desires to resolve a grievance may initiate the resolution process using the information in the link provided to the left.
<a href="#"><u>Student Rights and Responsibilities</u></a>	Understanding your role as a student.

### **MAKE-UP WORK**

No make-up exams, quizzes or homework. If instructor is notified in a timely fashion BEFORE date of assignment, arrangements can be made within reason.

### **ASSIGNMENTS, GRADING SCHEME AND PROCEDURES**

#### **Assignments**

#### **ASSIGNMENTS**

. For reference:

Unit 1: Prologue

Unit 2: Ch. 12.1-12.5

Unit 3: Ch. 14.1-14.5, 17.1

Unit 4: Ch. 1.1-1.5

Unit 5: Ch. 1.6-1.9

Unit 6: Ch. 2.1-2.5

Unit 7: Ch. 3.1-3.6, 3.9

Unit 8: Ch. 4.1-4.9

Unit 9: Ch. 6.1-6.9

Unit 10: Ch. 7.1-7.9

Unit 11: Ch. 5.1-5.9

Unit 12: Ch. 8.1-8.8, 8.10

Week of	Tentative chapter to read and exam/quizzes to take. It is the student's responsibility to note due dates on assignments in Canvas and sent via email
May 12	read Prologue
May 19	Read Chapter 12.1-12.5; Take unit 1 extra credit quizzes
May 26	Read Chapter 14.1-14.5, 17.1; take unit 2 extra credit quizzes
June 2	Read Ch. 1.1-1.5; take unit 3 extra credit quizzes; Take exam 1 on Units 1-3
June 9	
June 16	
June 23	Take Exam 2 on Units 4-6;

June 30	
July 7	
July 14	Take Exam 3 on Units 7-9;
July 21	
July 28	Exam 4 on Units 10-12
August 4	Final exam open August 3-5

### TECHNICAL SKILLS AND SPECIALIZED TECHNOLOGY

This course is fully online. Students must provide their own device(s) with which to access and complete this class online. In addition to baseline word processing skills and sending/receiving email with attachments, students will be expected to search the Internet and upload/download files. If you encounter any technology challenges using course resources in the Learning Management System, email the Center for Innovative Teaching and Learning at [online@nwfsc.edu](mailto:online@nwfsc.edu) or call 850-729-6464.

Assignment Category	Points/Percentage of Grade	Due Date
Online exams taken in Canvas	90% of total	4-5 during the semester
Mastering Physics HW-10%. These are required, and will be assigned for each chapter. They must be submitted by the due date, or you receive a score of zero for that assignment	10% of total	One per unit
Extra credit quizzes, taken in Canvas. At the end of the course, your overall average on these can raise you final class average by UP TO 3%	0% of total	3 per unit
	0%	
Total	100	
Online exams taken in Canvas	90% of total	4-5 during the semester

**NOTE: EXAM AND QUIZ DATES MAY CHANGE. THIS IS A TENTATIVE, DYNAMIC SYLLABUS AS FAR AS EXACT DATES ARE INVOLVED. MATERIAL COVERED MAY CHANGE AS DICTATED BY CIRCUMSTANCES (TIME, HURRICANES, OTHER). YOU ARE RESPONSIBLE FOR ANNOUNCEMENTS MADE**

**DURING LECTURE, AS WELL AS FOR THE INFORMATION ON THIS SYLLABUS, AND POSTED ON CANVAS OR SENT TO YOUR STUDENT EMAIL.**

**THE USE OF PROGRAMMABLE/GRAPHING CALCULATORS, CELL PHONES, SMART WATCHES, GOOGLE GLASSES OR PDAS WILL NOT BE ALLOWED DURING EXAMS OR QUIZZES, NOR WILL SCRATCH PAPER OR ADDITIONAL AIDS SUCH AS NOTE CARDS. IF THESE ITEMS ARE FOUND ON/AROUND A STUDENT DURING AN EXAM/TEST/QUIZ, IT WILL RESULT IN AN IMMEDIATE SCORE OF ZERO ON THAT EVALUATION, A FULL LETTER GRADE DEDUCTION AT THE END OF THE SEMESTER (AFTER A GRADE IS DETERMINED), AND POSSIBLE FAILURE OF THE CLASS.**

**No one is allowed to leave the classroom after a test/exam/quiz starts, and return, until all finish. If a student leaves the room after the start of an assessment, that means they are finished with the assessment at that time. Also, no one can enter and start a test/exam/quiz after others have started, and have left.**

**IF YOU ARE TARDY FOR AN EXAM OR QUIZ, YOU WILL NOT BE GIVEN EXTRA TIME TO COMPLETE THE EXAM OR QUIZ. EVERYONE WILL OBSERVE THE SAME STARTING AND FINISHING TIME.**

#### **Grading Scheme**

<b>Grade</b>	<b>Range</b>
A	90 – 100 %
B	80 – 89 %
C	65 – 79 %
D	50 – 64 %
F	49 and less %

#### **OTHER IMPORTANT INFORMATION**

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##### **EMERGENCY COLLEGE CLOSURE**

This course's schedule, requirements, and procedures are subject to change in the event of unusual or extraordinary circumstances. If the College closes for inclement weather or another emergency, any exams, presentations, or assignments previously scheduled during the closure period will automatically be rescheduled for the first regular class meeting held once the college reopens. If changes to graded activities are required, students will not be penalized due to the adjustments but will be responsible for meeting revised deadlines and course requirements.

## ACADEMIC CONTINUITY PLAN

NWFSC is dedicated to protecting the health and well-being of its students, staff, and faculty. The College is dedicated to working with faculty and students to ensure timely course and program completion during emergencies. In the event of a College closure, the format of this course may be modified to enable completion of the course through other means, including but not limited to online course delivery through online classrooms. Check your RaiderNet College email and LMS classroom online for any updates.

### A NOTE (OR TWO) ON STUDYING, OR, HOW DR. TEETS STUDIED IN COLLEGE

The **ONLY** way to excel in science is to **DO PROBLEMS!!!** As many as you can possibly stand to do, and then do more. I am not kidding about this. You will find over 100 problems at the end of every chapter (a highly recommended starting point). There is no lack of material available for you to use to prepare yourself for each exam. **However, no one can make you study except you.**

Now, an equally important point as “What do I study” is “When do I study”? The answer is: **early and often.** Do NOT put off studying until two days before an exam. Unless you are an exceptional student, it is too late then. Not only will you be overwhelmed by the amount of material you need to study, but you will have no opportunity to ask questions in class or office hours on the material you need help with. You should work problems at least 2-3 times a week for several hours each time. Doing just the weekly homework problem set is **NOT ENOUGH**. You must do more on your own.

I would also suggest recopying your class notes **each week** into a condensed, easy to read version. **YOU MUST TAKE GOOD NOTES!!!** Do not forget that your textbook is an excellent reference for filling in gaps you may have in your notes. Then, assembling your weekly summaries into one master set of notes for each test will provide yet another chance for you to review, read, study and analyze your notes as you recopy them for a second time. All this repetition of working problems, and copying and recopying notes, is not just busy work. It is the **ONLY** way that the material can make it from the page to your brain and stay there. **THERE ARE NO MAGIC BULLETS!**

One last word: do not fall behind. This is a little thing to say, but a huge problem if you do it. It will be extremely hard for you to catch up, and catch up you must. In chemistry, the material keeps building on what has been learned before. And if you have not learned the material that was covered earlier in the semester, then, on exams later in the semester, well...

## WELCOME TO CLASS

Thank you for choosing NWFSC for your education—and welcome to class!