



NORTHWEST FLORIDA STATE COLLEGE

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

INSTRUCTOR INFORMATION

- Professor: Dr. Kurt Teets
- Email: 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.

COURSE INFORMATION

- Course Name and Number: PHY 1020 CRN 20105
- Class Location (Campus/Building/Room): Niceville/350/228
- Class Modality: Lecture
- Class Days: MW
- Class Times: 11 am
- Online Classroom with Gradebook: [Canvas class shell](#)

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.

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, 6th edition (publisher Pearson), is accessed in Mastering Physics, not via Canvas

Accessing the course

The class material for PHY 1020 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.

Online proctoring

This course may supervise 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.

GRADING PROCEDURES

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

- 4 Unit exams on approximately 3 Units each, and a Cumulative Final exam: 90% of grade. Lowest score of these will be dropped.

- Mastering Physics Online 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.
- **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.**
- **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.**

ATTENDANCE CONFIRMATION

Active participation and academic engagement are expectations of enrollment in this course. Faculty confirm each student's attendance in class after the schedule adjustment period ends. Students who have not attended class or otherwise engaged academically in the course through the submission of an academic assignment or through participation in a curricular activity may be withdrawn from the course for nonattendance.

Students who are withdrawn for nonattendance or nonparticipation early in the course may request to be reinstated in the course by contacting their instructor by email. Reinstatement in the course is at the instructor's discretion during the first three weeks of class and is not guaranteed. Reinstatement requests occurring after this three-week period may be submitted to the instructor for consideration; however, additional administrative approval will be required to grant the reinstatement. If you are withdrawn from a course due to nonattendance and are not granted reinstatement in the course, please contact a Student Success Navigator for assistance.

CLASSROOM CONDUCT

Electronic devices must not distract from learning. Courtesy to the professor and other students requires that phones be on vibrate or silent mode during class. No student should initiate conversations, including texts, during class activities. Use of electronic communication devices during examinations or other graded activities may constitute grounds for disciplinary action; such devices must be completely out of sight during exams or other assessments.

Where emergency or employment situations require access to electronic communication services, arrangements may be made in advance with the instructor.

Disrespectful, discourteous, or aggressive or hostile behavior towards any persons in class will not be tolerated, and will result in removal from the classroom, and possible failure of the class.

Lecture Recordings

Students may, without prior notice, record video or audio of a class lecture for a class in which the student is enrolled for their own personal educational use. A class lecture is defined as a formal or methodical oral presentation as part of a College course intended to present information or teach about a particular subject. Recording class activities other than class lectures is not permitted. Except as detailed in the Catalog, recordings may not be published or shared without the written consent of the faculty member. To read and fully understand your rights and responsibilities when recording, visit the Catalog.

Question time

Lectures begin with the instructor asking if there are any questions. This is the time to ask **SPECIFIC** questions, such as a homework problem, or some other question that you have an example of to work from. This is a reason you need to be doing homework problems ahead of time. The best is if you can give/show the instructor the actual question/problem.

There is not enough time to answer very general questions such as “I don’t understand Unit 4”. Questions like that have no answer but to give the lecture on that Unit over again, and there is no time for that. It is not an efficient use of everyone’s time. Neither can material be recovered for someone who wasn’t there for the lecture that included that topic.

Very broad questions like that are what office hours are for.

Cheating

Any students caught cheating, on their own or with others, whether on an exam, quiz, or homework will immediately fail the class, regardless of their current grades..

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

Completion of written homework assignments and/or online homework assignments in the Canvas LMS

NWFSC POLICY	DESCRIPTION
<u>Academic Integrity</u>	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.
<u>Accommodations</u>	The <u>Accommodation Resource Center</u> 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.
<u>Attendance</u>	Regular attendance and participation in the course is expected.
<u>Tutoring Services</u>	Tutoring services are available in person and online.
<u>Counseling Services</u>	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.
<u>Student Code of Conduct</u>	Students are expected to adhere to the rules, regulations, and policies outlined in the Student Code of Conduct.
<u>Student Complaints</u>	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.
<u>Student Rights and Responsibilities</u>	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 **may** 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. 6.1-6.7

Unit 10: Ch. 7.1-7.9

Unit 11: Ch. 5.1-5.9

Unit 12: Ch. 8.1-8.8

Assignment Category	Points/Percentage of Grade	Due Date
Exams and final	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	

Grading Scheme

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

OTHER IMPORTANT INFORMATION

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.

A ZERO tolerance policy will be employed for any instance of cheating!!

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

If you come to class every lecture, take copious notes, never miss a lab, and read the chapter material before and after each lecture, what grade do you think you can reasonably expect to earn at the end of the semester? The answer is, most likely, unless you have a natural knack for chemistry, a C. Why? Because you have left out one part. By far the MOST important part. Practicing problems. **IF YOU DO NOT PRACTICE PROBLEMS SEVERAL TIMES A WEEK, YOU WILL NOT PERFORM TO YOUR DESIRED LEVEL ON EXAMS. PERIOD. END OF STORY.**

The **ONLY** way to excel in chemistry 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 IN CLASS!!!

Taking a picture of what is on the whiteboard/blackboard is not the same as taking 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!