



NORTHWEST FLORIDA STATE COLLEGE

CHM1020 Distance Learning, Chemical Science, 3 credits Summer 2025

- Professor: Dr. Kurt Teets
- Office: Bldg. 350, Rm. 211
- Office Hours: Posted by office door, and by appointment
- Phone: 850-729-5247
- Email: teetsk@nwfsc.edu
- Final Exam: Open for one attempt from August 1-3, one attempt
- Web Page:
- Reference Number: 30009
- Class Days: Online
- Class Times: Online
- Electronic Resources: Canvas, OpenStax free online/PDF text

Course-Level Student Learning Outcomes

NS-1: The student will demonstrate an understanding of the scientific method, distinguishing between fact, scientific law, hypotheses, and theory; and recognizing the difference between scientific and non-scientific explanations.

NS-2: The student will interpret data, given in problem form or obtained experimentally, in order to demonstrate problem-solving skills (critical thinking), develop testable explanations, or distinguish the difference between correlation and causation.

NS-3: The student will demonstrate fundamental knowledge of the terminology, major concepts, and theories of at least one field within the physical sciences, and in the biological sciences.

NS-4: The student will relate scientific discoveries and theories to broader areas of human concern.

Course Description

**CHM 1020-3 Credit Hours ♦
(Fall, Spring, Summer)**

Fundamental principles and theories of matter and energy. Atomic theory, periodicity, properties, structure, kinetic molecular theory, bonding, solutions, scientific method, carbon compounds. This course serves as an introduction to chemistry for non-science majors, satisfying the General Education requirement for the A.A. degree; and as a preparatory course for students intending to enter college chemistry.

Course Prerequisite(s)

None

Course Materials

Chemistry, 2e, OpenStax OER text (online/PDF or hardcopy); Computer access with webcam; nonprogrammable calculator

You can purchase a hardcopy from the NWFSC bookstore, or from the Openstax website.

Below is the URL for the **free** online version of the text. A **free** PDF can also be downloaded from the OpenStax site:

<https://openstax.org/books/chemistry-2e/pages/1-introduction>

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.

First Things

The first thing to do is take the Orientation quiz in the Canvas. Once you get a 100% on it, other assessments will unlock. You have unlimited attempts at it 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, 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 is to record video while the assessment is being taken.

Also, take the practice free response quiz, so you are familiar with entering answers that may include subscripts and superscripts

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

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
- Send us a [support ticket via Fresh Service](#)

Visit us at [Building 430, Room 100 at the Niceville Campus](#)

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.
- ALEKS Online Homework, 10% of grade. You will access ALEKS in the Canvas shell of the classroom, from the Navigation menu on the left side of the Canvas classroom, by clicking on ALEKS in that menu.
- 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. **You do NOT use the Respondus Lockdown browser for these.**

Grade calculation

4 Unit exams and Final exam, 90% of total: $(\text{your \% average on all tests}/100) * 900$

ALEKS Homework, 10% of total: $(\text{your \% average on the ALEKS homework}/100)*100$

Sum total of above= your overall points out of 1000 points, **BEFORE** extra credit

$+(\text{extra credit \%}/100)*3$; this is added **at the end of the semester**, after the above calculation, to the overall score. So, if your extra credit quiz average is 80%, then $(0.80*3)= 2.4 \%$ will be added to your overall grade.

Below is the grade scale for this class.

Percent	Grade
90-100	A
80-89.99	B
65-79.99	C
50-64.99	D
Below 50	F

Canvas -

All NWFSC classes use Canvas, a platform for online learning. Students can access this class's Canvas site at online.nwfsc.edu, or through RaiderNet. Students will find the class syllabus, course grades, and other resources. You will find recorded lectures by the professor and also curated videos for each unit there.

Assignments

[Week by week schedule.](#) For reference:

Unit 1: Ch. 1.1-1.3

Unit 2: Ch. 1.4-1.6

Unit 3: Ch. 2.1-2.6

Unit 4: Ch. 2.7

Unit 5: Ch. 3.1-3.3

Unit 6: Ch. 4.1-4.2, 11.2

Unit 7: Ch. 4.3-4.4

Unit 8: Ch. 5.1-5.3

Unit 9: Ch. 6.1-6.3

Unit 10: Ch. 6.4-6.5

Unit 11: Ch. 7.1-7.3

Unit 12: Ch. 7.4, 7.6

Week of	<u>Suggested schedule. Check Canvas and ALEKS due dates, and your NWFSC email.</u> Chapter to read and tests/quizzes to take
May 11	orientation quiz, read Ch. 1.1-1.3; Take unit 1 extra credit quizzes; keep up with ALEKS assignments
May 18	Read Chapter 1.4-1.6; take orientation quiz; take unit 2 extra credit quizzes; keep up with ALEKS assignments
May 25	Read Ch. 2.1-2.6; take unit 3 extra credit quizzes; take exam 1 on Units 1-3; keep up with ALEKS assignments
June 1	Read Ch. 2.7; take unit 4 extra credit quizzes; keep up with ALEKS assignments

June 8	Read Ch. 3.1-3.3; take unit 5 extra credit quizzes; keep up with ALEKS assignments
June 15	Read Ch. 4.1-4.2, 11.2; take unit 6 extra credit quizzes; take exam 2 on Units 4-6; keep up with ALEKS assignments
June 22	Read Ch. 4.3-4.4; take unit 7 extra credit quizzes; keep up with ALEKS assignments
June 29	Read Ch. 5.1-5.3; take unit 8 extra credit quizzes; keep up with ALEKS assignments
July 6	Read Ch. 6.1-6.3; take unit 9 extra credit quizzes; take exam 3 on Units 7-9; keep up with ALEKS assignments
July 13	Read Ch. 6.4-6.5; take unit 10 extra credit quizzes; keep up with ALEKS assignments
July 20	Read Ch. 7.1-7.3; take unit 11 extra credit quizzes. Take exam 4 on Units 10-11. keep up with ALEKS assignments
July 27	Read Ch. 7.4, 7.6; take unit 12 extra credit quizzes. Final exam on Units 1-12 will be open August 2-4; keep up with ALEKS assignments
August 5	Final exam closes August 4

Student Success Statement

Northwest Florida State College aspires to provide a quality, convenient, and affordable education by using data-informed decision making and industry best practices. Northwest Florida State College seeks to provide students with premiere learning experiences that create personal and professional connections that support students' personal growth, and clear, inclusive, education pathways that help students to successfully engage in a diverse societ

Accommodation Resources

To obtain disability-related academic accommodations, students with disabilities must contact the Accommodation Resource Center at arc@nwfsc.edu or call 850-729-6014. Upon request of accommodations, students will be asked to provide medical documentation that supports their disability request. If students are concerned that they may have an undiagnosed, disability-related condition that impacts their academic progress, it is recommended that they see a licensed medical professional for a diagnosis. Please contact the Accommodation Resource Center with any questions or concerns relating to permanent or temporary student disabilities.

Students who have been approved for accommodations through the ARC are encouraged to work with their professor on facilitation. All inquiries and discussions will remain confidential.

Student Counseling Services

Northwest Florida State College has partnered with Bridgeway Center, Inc. to provide mental health resources and counseling services to all actively enrolled students. All actively enrolled students are eligible to receive an initial assessment and up to five therapeutic sessions with a Behavioral Health provider at no cost to the student. A menu of services and resources is available at www.nwfsc.edu/studentcounselingservices. Bridgeway Center Confidential Helpline: (850) 833-7500, Select Option 1 - Open 24 hours/day

Class Attendance

Students who stop attending class or are not able to pass the course due to attendance expectations stated in the syllabus, may receive a failing grade which may impact the receipt of federal aid in subsequent courses. Students traveling for college approved activities will not be penalized academically but will be responsible for missed work.

- A. Students are expected to attend all of their scheduled classes, as attendance is one of the strongest predictors of success. Therefore, **3** hours of unexcused missed class may result in a penalty of **1%** (a percentage penalty assessed on the final course grade).

Attendance Confirmation

Active participation and academic engagement are expectations of enrollment in this course. Faculty confirm each student's attendance in class after the drop-add 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 will 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

Students will be respectful to each other and the instructor. Disruptive/disrespectful behavior will result in removal from the class.

Instructor Communication –

Your NWFSC email is the official communication medium of the College. Please check College email regularly for any class and College notifications. Instructor will reply within 48 BUSINESS HOURS.

Technical Skills and Specialized Technology

Some instructional content and interaction takes place over the Internet. Students are expected to provide their own device(s). 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. In addition, students may need one or more of the following resources:

- [Adobe Acrobat Reader](#)
- [PowerPoint Viewer](#)
- [Windows Media Player](#)
- [QuickTime Player](#)
- [Zoom](#)
- Webcam



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If you encounter any technology challenges using course resources in Canvas, email the Center for Innovative Teaching and Learning at online@nwfsc.edu or call 850-729-6464.

Media –

This course employs lecture capture software to provide students with videos of instructor lectures/PowerPoints/notes/demonstrations, etc., and students are encouraged to watch these. These videos can be viewed with a standard Internet connection. If home Internet connections are not adequate, please remember that any NWFSC open lab is available to students. Students using computer labs on campus are expected to bring their own earbuds, and to adhere to social distancing.

Electronic Devices

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.

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.

Children in the Classroom

NWF State College values family life and has worked to develop policies that are supportive of families. However, it is the policy of NWF State College that students and visitors should not use the College in lieu of a childcare provider. Minor children are not permitted in labs, shops, construction/repair sites, classrooms, offices, labs, or other areas where potential hazards exist, unless enrolled in classes or activities scheduled at the site. In an emergency or other compelling situation, students or staff may bring children to class or the workplace on an incidental, individual basis, provided the instructor **receives advance approval from the department chair or program director**. In such cases, the children must be directly supervised

at all times by the parent/adult and must not disrupt or distract the flow of college work, services or instruction. The full [Children on Campus](#) policy statement appears in the College Catalog.

Emergency College Closure

In the event of unusual or extraordinary circumstances, the schedule, requirements, and procedures in this course are subject to change. If the College closes for inclement weather or other 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 re-opens. If changes to graded activities are required, students will not be penalized as a result of the adjustments but will be responsible for meeting revised deadlines and course requirements.

Academic Continuity Plan

Northwest Florida State College is dedicated to protecting the health and wellbeing 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 course online for any updates.

Student Rights, Responsibilities, and Academic Integrity

Plagiarism, cheating, or any other form of academic dishonesty is a serious breach of student responsibilities and will **NOT** be tolerated. Any student caught cheating or plagiarizing any material will automatically fail the course, and receive a grade of F for the course, regardless of their overall grade at the time of their being caught cheating. Full stop. End of story.

Cheating will also result in an immediate referral **to the Vice President of Academic Affairs** for disciplinary action which may include suspension or dismissal from the college.

Cheating during tests/exams/quizzes includes, but is not limited to, using or attempting to use unauthorized materials, information, notes, study aids or other devices, information from another student or student's paper, **any use of any electronic device**.

Cell phones, smart watches, tablets, laptops and any other electronic devices are to be placed at the front of the classroom, as are any bags, books, or papers. You cannot have any of these items with you during an exam/test/quiz. No cell phones in a pocket, if the cell phone is visible or not.

The only items allowed with you are the given exam/test/quiz, pencils, a nonprogrammable calculator (NO TI-80 series or other graphing/ programmable calculators), and any reference materials the Professor may provide. **NO SCRATCH PAPER OR NOTE CARDS**. All materials must be returned after the exam/test/quiz.

Any exams/tests/quizzes taken late, **with a documentable excuse**, are to be taken at the testing center at the CITL, **if agreed to by the Professor beforehand**. But not after the Professor hands back graded items for that exam/test/quiz. No exceptions.

Also, no hats/headwear. This includes headphones or earbuds, even if they are placed on the desk in front of the student. All of these items are to be placed at the front of the room in the place designated by the Professor before the exam/test/quiz starts, or given to staff at the CITL.

All policies referenced above apply to any exam/test/quiz taken at the CITL.

Grievance Policy and Procedures Statement

NWFSC aims to deliver high-quality instructional experiences. In the event of a concern regarding a class, students should first attempt to resolve the matter with the instructor. If a resolution cannot be reached, students may seek out additional counsel in Academic Leadership through a [formal process](#). Access the [Formal Grievance/Appeal form](#).

Campus Resources

The College is committed to offering quality resources to aid in your success as a student. Review the “Welcome to NWF” module in your LMS course online for information on these resources such as the Library, tutoring, testing, military and veteran services, etc.

Welcome to Class

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