

zzg0036@auburn.edu to make an appointment. Additional office hours are available by appointment.

Questions to Lecturer: You can ask questions during the class, after the class, and through email. **If you ask by email, make sure that your question is clear;** I will not be able to provide informative answers to unclear questions. If there is any confusion, you are more than welcome to talk with me in person and clarify the confusion.

Tutoring service: College of Engineering Peer Tutoring will be offering tutoring services for the ELEC 2120 course. Please check their website <https://eng.auburn.edu/current-students/tutoring/index>.

Policy on student collaboration: Discussion with other students or with a tutor is encouraged. You can seek help from other students in understanding the material needed to solve a particular problem. Nonetheless, the purpose of such discussions is to facilitate learning, instead of circumventing it. **It is strongly prohibited to directly share your solution or ask for the solution from anyone. The actual solution must be done by each student alone!**

How to get a good grade in this course?

It is explained in the document “The Secrets to Good Grade: How to Improve Your Grade.pdf” written by Dr. Yin Sun, which is available on Canvas.

Why does cheating hurt students?

Here is a perspective on why not to cheat: <https://www.youtube.com/watch?v=hMloyp6NI4E>

Homework: HW problems will be announced on Canvas. Homework should represent an engineering philosophy, which means it must be neat and logically presented. Each HW is worth 6 points, including 5 points for the correctness of the solution and 1 point for *neatness* of your submission determined at the grader’s discretion. Make sure to write your name and Auburn User ID (e.g., azb0012) clearly. The solutions to all problems of the HW will be posted on “Canvas => Files”.

While many HW problems will be assigned, they will not all be graded! In each HW, only one problem will be graded, which determines the grade of the entire HW.

HW should be submitted on “Canvas => Assignments” in one PDF file **before the class on the deadline date**. It is prohibited to work on HW during the class. Submission after the deadline is considered LATE; late policy is explained below. Graded HW will be posted as an attached comment of your submission on Canvas.

You can use Adobe Scanner (free) or other Apps on your phone (for example, “Genius Scan” is an app available on both iOS and Android systems) to scan your work into one PDF file and submit it on Canvas. Pages in the PDF file should be in the correct format and order. Your writing in the PDF file should be easy to read. To facilitate the Grader’s job, please do **NOT** submit a Word file or several photos of your HW.

MATLAB: A significant amount of homework will require the use of MATLAB software, and this will also be used in the lab portion of this course. For MATLAB submissions, you need to submit both the MATLAB figures and MATLAB code on Canvas. Canvas supports submitting multiple files to one assignment. Please see the instructions at <https://www.youtube.com/watch?v=MnVxxTX0azQ> or <https://unthsc-canvas.freshdesk.com/support/solutions/articles/44001929195-how-do-i-submit-multiple-documents-to-an-assignment->

Submitting MATLAB figures: Copy the MATLAB figures in a Word file and export it as a PDF file. Submit the PDF on Canvas.

Submitting MATLAB code: Submit a *.m MATLAB Code Script file, or compress several *.m Code Script files as a Zip file and submit the Zip file. The MATLAB code must be runnable and must generate correct MATLAB figures.

With the campus license, you can download and install MATLAB (Version 2024a or later) on your personal computer for free. Matlab Copilot is not allowed in this course. If you don't have a computer capable of running the program, you can also remotely log in to a university computer using the VPN. The guide for that is here: <http://www.eng.auburn.edu/admin/ens/helpdesk/off-campus/index.html>.

Students are encouraged to avail themselves of the many on-line MATLAB resources (tutorials, etc.). See *Appendix D of your textbook!*

Late Policy for Homework and MATLAB: Each student can have up to 3 late submissions among all Homework and MATLAB submissions. For the 1st late submission, no notice will be sent to the student. In the 2nd and 3rd late submissions, the Grader will send a notice to the student.

Solution for Homework will be posted on Canvas after the next class. To be considered for grading, you need to submit before the solution is posted. Once the solution is posted, late HW submission is no longer accepted, and the grade is 0%. If you have used all 3 chances, the grade of subsequent late submissions is 0%, no matter whether the solution has been posted or not. Please be note that the lowest grade among the HWs and ML submissions will be dropped.

If an officially approved excuse is available by the submission deadline, it is not considered late and you can submit within 1 week from the end of excused absence period. If the solution has not been posted, you get 100% credit in the grade; if the solution has been posted, it is graded with 70% credit; if it is submitted after 1 week from the end of excused absence period, it is graded with 0% credit.

If your accommodation request is approved, you may have more than 3 chances of late submissions, per the discussion with the instructor.

After Classes End on April 24, 2026, no late submission will be accepted.

LAB: There is no LAB in Week 1.

The ability to experiment with and see the effects of mathematical operations on electrical signals will deepen understanding of the concepts being taught. You will then grasp more complex concepts in later courses, including an appreciation of how the physical world is modeled by mathematics. In addition, for many years students have reported the need for instruction and practice with MATLAB, especially in later courses such as electromagnetics and control systems. The new lab features considerable MATLAB instruction and use that to reinforce key concepts.

A PDF file of the LAB report should be submitted on "Canvas => Assignments" before the deadline. Submission after the deadline is considered LATE. Late policies are explained below.

Late Policy for Lab reports: Each student can have up to 3 chances for late submissions among all Lab reports submissions. For the 1st late submission, no notice will be sent to the student. In the 2nd and 3rd late submission, the GTA will send a notice to the student. If the report is submitted within 1 week from the deadline, you get 100% credit in the grade; if it is submitted after 1 week from the deadline, it is graded with 0% credit.

If an officially approved excuse is available by the submission deadline, it is not considered late and you can submit within 1 week from the end of excused absence period. If it is submitted after 1 week from the end of excused absence period, it is graded with 0% credit.

If your accommodation request is approved, you may have more than 3 chances of late submissions, per the discussion with the instructor.

The GTA can modify the above Lab policies at his/her discretion.

After Classes End on April 24, 2026, no late submission will be accepted.

Tests and Final Exam: The Tests and Final Exam will be in-person.

Make-up Test:

If you miss a test and have an officially approved excuse, you have two options:

- (a) Use the part of the final exam that covers the same material as the replacement grade for that test;
- (b) Or take a make-up test within one week from the end of excused absence period.

If you miss more than one tests, you only have option (b).

Make-up test must be taken within one week from the end of excused absence period. Student must contact the instructor as soon as possible if a make-up test is needed. The make-up test will be different from the test taken by other students. If you do not have an officially approved excuse or if you missed the deadline for the make-up test, the options are unavailable and the test grade is 0%.

After Classes End on April 24, 2026, no grade can be changed, except for the final exam.

HW and Test Re-grading Policy:

Any course materials submitted to the instructor for re-grading must be accompanied by the following information **TYPED** on another sheet of paper: student name, student AU email address, date, the concern of the student, and the action that the student wishes to be taken. **Attach** this typed sheet of paper to the front of the document that you would like re-graded.

Accommodation Policy:

Students who need accommodations are asked to electronically submit their approved accommodations through AU Access and contact the instructor as soon as the semester starts to discuss the required accommodations.

Reschedule of the tests and final exam due to accommodation requirements should be proctored by the OA testing center: <https://accessibility.auburn.edu/schedule-exam-accommodations.php>

Deadlines for requesting proctored exams:

All regular test requests must be submitted **5 business days** in advance of the exam date. Business days **DO NOT** include weekends.

Finals' request must be submitted **20 business days** in advance.

Missing these deadlines will make it very difficult to reschedule your test/exam.

Copyright Policy: The copyright of lecture materials (syllabus, lecture notes, assignments, tests, exams, etc.) created by the instructor belongs to the instructor. Other scholarly and educational content used for the course is also copyrighted. Students should not reproduce or redistribute course materials to any persons or websites outside the course. To learn more about copyright at Auburn University, please check

<https://cws.auburn.edu/OVPR/pm/it/copyrighthome>

Policy on Excused Absence: Engineering Student Services provides excused absence memos to students who present verifiable documentation related to university excused absences. The steps for obtaining an excused absence memo are as follows:

- 1) The student submits the request form using this link: <https://aub.ie/EngAbsence>
 - Students submit documentation of the reason for the absence
 - Students must read and acknowledge the excused absence policy
- 2) The ESS office staff processes the requests and verifies authenticity of documentation provided by student, as well as the dates of the absence (s).
- 3) Assistant Dean determines if the documentation meets the standard for a university excused absence or if the documentation warrants consideration by the professor
- 4) An official memo is sent directly to professors via email regarding the student's absence

Tentative Test Schedule:

Test 1: 10:00 am-10:50 am on Friday, Feb 13, 2026 (Class Day ~27)

Test 2: 10:00 am-10:50 am on Friday, Mar 20, 2026 (Class Day ~45)

Test 3: 10:00 am-10:50 am on Wed, Apr 22, 2026 (Class Day ~70)

Final Exam Schedule (FIRM):

Final Exam: 8:00 am-9:30 am on Friday, May 1, 2026