GENERAL INFORMATION

• Instructor: Dr. Jingxian Wu
  – Email: wuj@uark.edu
  – Phone: (479) 575-6584
  – Office Bell 3168

• Office Hours
  – Tu. Th. 11:00 – 12:00
  – By appointment

• Lecture Schedule
  – Bell 2273
  – Tu. Th. 9:30-10:45

• Lab Schedule
  – Bell 3135 or Bell 3139
  – 3 sessions (Wed. 5:00-7:20 PM, Fri. 5:00-7:20 PM, Fri. 2:00-4:20 PM)
TEXTBOOK AND REFERENCES

• Required Text Books

• Required Software
  – Matlab
  – Free for all UofA students: [https://its.uark.edu/help/ta/379.php](https://its.uark.edu/help/ta/379.php)
  – Available on most lab computers and also [http://vlab.uark.edu](http://vlab.uark.edu)

• References (optional)
COURSE INFORMATION

• **Pre-requisite:**
  – Calculus I, II, and III, Differential Equation (co-requisite)
  – Electrical Circuits I

• **This course involves heavy mathematical derivations**
  – It is a Mathematics course.
    • Integration, differentiation, differential equation, etc.
    • Examples with detailed step-by-step derivation will be given during lecture
      – A great opportunity for you to review and practice your Math skills!
    – A large number of examples will be given in class – It’s ESSENTIAL for you to repeat all the examples by yourself after class.
  – Homework solutions will be posted after the due dates.
  – You are encouraged to study in groups on homework assignments.
  – Use the office hours of the TAs.

• **Teaching format**
  – Slides
  – Examples
  – Exercises
  – Homework assignments (problems, software)
  – Labs
TENTATIVE SCHEDULE

– Week 1 (8/22, 8/24): Ch.1 Continuous-Time Signals
– Week 2 (8/29, 8/31): Ch. 1 Continuous-Time Signals
– Week 3 (9/5, 9/7): Ch. 2 Continuous-Time Systems
– Week 4 (9/12, 9/14): Ch. 2 Continuous-Time Systems
– Week 5 (9/19, 9/21): Ch. 2 Continuous-Time Systems
– Week 6 (9/26, 9/28): Ch. 4 Fourier Series (Test 1 on 9/28)
– Week 7 (10/3, 10/5): Ch. 4 Fourier Series
– Week 8 (10/10, 10/12): Ch. 4 Fourier Series
– Week 9 (10/17, 10/19): Ch. 5 Fourier Transform (Fall break on 10/17)
– Week 10 (10/24, 10/26): Ch. 5 Fourier Transform
– Week 11 (10/31, 11/2): Ch. 5 Fourier Transform (Test 2 on 11/2)
– Week 12 (11/7, 11/9): Ch. 3 Laplace Transform
– Week 13 (11/14, 11/16): Ch. 3 Laplace Transform
– Week 14 (11/21, 11/23): Ch. 3 Laplace Transform (Thanksgiving on 11/23)
– Week 15 (11/28, 11/30): Ch. 3 Laplace Transform
– Week 16 (12/5, 12/7): Ch. 6 Discrete-Time System (dead day: 12/8)
– Test 3 on 12/12 (Tue), 1:00 – 3:00 (tentative)
GRADING POLICY

• Grades Percentage
  – Test 1 22%
  – Test 2 22%
  – Test 3 22%
  – Homework 14%
  – Lab 14%
  – Quiz 6%

• Grades
  – A: 90 ≤ grade ≤ 100
  – B: 80 ≤ grade < 90
  – C: 70 ≤ grade < 80
  – D: 60 ≤ grade < 70
  – F: 0 ≤ grade < 60
GRADING POLICY

- Due dates for homework and lab report will be strictly enforced. Late submission within one week after due will receive a 20% deduction; no credit if submitted one week past due.

- There will be NO make up for quizzes.

- If for some legitimate reason (sickness, death in the family, etc.), you cannot take an exam on the scheduled day, you must notify the instructor prior to the exam.
ONLINE RESOURCES

• **Course Home Page**
  - [http://comp.uark.edu/~wuj/teaching/eleg3124/eleg3124.html](http://comp.uark.edu/~wuj/teaching/eleg3124/eleg3124.html)
  - All the course related materials, such as slides, homework assignments, lecture notes, homework solutions, links, announcements, etc., will be posted on this website.
  - Please check the webpage regularly (at least once per week) for update.
  - Blackboard
ADDITIONAL ISSUES

• **Academic Honesty**
  – Each University of Arkansas student is required to be familiar with and abide by the University’s ‘Academic Integrity Policy’ which may be found at [http://provost.uark.edu/](http://provost.uark.edu/)
  – Any kind of activities related to academic dishonesty (copying homework, lab report, code, plagiarism, etc.) will be dealt with.
  – If you are not sure about plagiarism, please contact the instructor.

• **Questions are welcome in my class**
  – You are very welcome to raise any question related to course materials.
  – Please feel free to stop me at any time if you have any question.
  – You can also ask me question via email or during office hours.

• **To respect your fellow students as well as the instructor, please turn off or silencing your cell phone.**
  – No text messaging or web surfing!

• **BE ON TIME!**

• **Have Fun!**