



**Grading:**

- Test 1 25%
  - Test 2 25%
  - Homework 20%
  - Lab 20%
  - Attendance 5%
  - Participation 5%
  - A 90 – 100
  - B 80 – 89
  - C 70 – 79
  - D 60 – 89
  - F 0 – 59
- Each student has 1 free personal day: you can miss 1 class and still get full attendance point
  - Due dates for homework and lab report will be strictly enforced. Late submission within one week after due date will receive a 20% grade deduction, and no credit if submitted after one week from the due date.
  - 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 materials (Slides, Homework, Labs, References, etc) can be found at <http://comp.uark.edu/~wuj/teaching/eleg3923>
- Please check course website **at least once per week** for updates.

**Academic Honesty:**

Academic honesty is fundamental to the activities of an academic institution and success of students. Any form of copy and plagiarism will not be tolerated in this class. Any kind of activities related to academic dishonesty will be dealt with on a case-by-case basis and may be grounds for dismissal from the class.

**Tentative Schedule:**

- Week 1 (8/25, 8/27): Ch.0 Introduction, Ch.1 8051 Microcontroller
- Week 2 (9/1, 9/3): Ch. 2 8051 Assembly Language
- Week 3 (9/8, 9/10): Ch. 2 Assembly Language; Ch. 3 JUMP, LOOP, and CALL
- Week 4 (9/15, 9/17): Ch. 3 JUMP, LOOP, and CALL; Ch. 4 I/O Port
- Week 5 (9/22, 9/24): Ch. 8 Hardware connection, Ch. 5 Addressing Modes
- Week 6 (9/29, 10/1): Ch. 5 Addressing Modes,
- Week 7 (10/6, 10/8): No Class on 10/6; Test 1 on 10/8
- Week 8 (10/13, 10/15): Ch. 6 Arithmetic & Logic Instructions
- Week 9 (10/20, 10/22): Ch. 6 Arithmetic & Logic Instructions
- Week 10 (10/27, 10/29): Ch. 7 8051 Programming in C
- Week 11 (11/3, 11/5): Ch. 9 8051 Timer Programming
- Week 12 (11/10, 11/12): Ch. 8 8051 Timer Programming, Ch.10 Serial Port
- Week 13 (11/17, 11/19): Ch. 10 Serial Port
- Week 14 (11/24): Ch. 11 Interrupts (holiday on 11/26)
- Week 15 (12/1, 12/3): Ch. 11 Interrupts
- Week 16 (12/8): Review (dead day: 12/9)

**Lab Schedule:**

- Week 2 & 3 (9/4 – 9/17): Lab 1 Introduction to Development Environment
- Week 4 & 5 (9/18 – 10/1): Lab 2 Square Waveform Generator
- Week 6 & 7 (10/2 – 10/15): Lab 3 Traffic Light Controller
- Week 8 & 9 (10/16 – 10/29): Lab 4 LCD Display
- Week 10 & 11 (10/30 – 11/12): Lab 5 Temperature Sensor
- Week 12, 13, & 14 (11/13 – 12/3): Lab 6 Keypad and Serial Port

**The above schedule is subject to change without prior notice.**