University of Maryland Baltimore County
Department of Computer Science and Electrical Engineering

CMPE 311, C Programming and Embedded Systems
General Guidelines

Introduction
In this laboratory class, you will learn programming AVR micro-controller (ATmega169P) using Assembly and C language. We will interface various sensors such as Photo detector, Stepper motor and on-board speaker. The main objective of this laboratory component is to experiment what you learn in the lectures.

TA contact information:
- **Name: Amey Kulkarni, Ali Ahmad, Ruthvik Kukkapalli , Jason Klimek**
- **E-mail:** ameyk1@umbc.edu, aahmad5@umbc.edu, sb20615@umbc.edu,jak4@umbc.edu
- **Office Hours:** Th 3:00 PM – 4:00 PM, We 12:00PM – 1:00PM, Tu 11:00AM-12:00PM, Mo 11:00AM-12:00PM & Fr 12:00PM-1:00PM
- **Office**: ITE 375

Lab Hours and Location:
- Tue or Thu 4:00PM – 5:15 PM, Location: Information Technology 375

Lab Rules:
- You cannot change your discussion session without pre-approval.
- You can ask questions to all TAs
- You will be added to Piazza, so look for enrollment email from Piazza team in upcoming week.
- Each student will receive "AVR Programming Kit", student must return the kit at the end of the semester (Final exam day) to one of the TAs in order receive Course Grade.
- You should work individually.
- Attending all lab sessions is required. If you cannot be present in one lab session due to unusual circumstances, you need to email the TA to schedule a makeup during the TA's office hours.
- Inform the TA after you finishing the implementation of your experiment in order to get a grade.
- You need to meet the deadlines of the assigned projects.
- Keep your desk clean after work and put everything back to its holder.
- Foods/drinks are not allowed in the lab.