

**MAYLAND COMMUNITY COLLEGE
Welcomes You To:**

**ELC 113 20
Basic Wiring I
Class: 2, Lab: 6 Credit Hours: 5
Spring 2006**

Course Description

This course introduces the care/usage of tools and materials used in electrical installations and the requirements of the National Electrical Code. Topics include NEC, electrical safety, and electrical blueprint reading; planning layout, and installation of electrical distribution equipment; lighting; overcurrent protection, conductors; branch circuits; and conduits. Upon completion, students should be able to properly install conduits, wiring, and electrical distribution equipment associated with basic electrical installations.

Prerequisites: none

Corequisites : none

Instructor Information

Instructor: Devon Buck
Office Location: Avery/Mitchell Correctional Facility
Telephone Number: 765-0229
E-mail Address: n/a
Office Hours: Monday-Thursday 11:45 a.m. to 12:45 p.m. (By appt.)

Course Information

This class will meet Tuesday and Thursday 5:30-8:50 p.m.

Required Text(s): To be announced

LRC Resources: n/a

Required supplies: Lineman pliers, wire strippers, hammer, screwdrivers (flat and Phillips), safety glasses, tape measure

Course Objectives/Competencies:

1. To provide a strong understanding of electrical safety and related equipment.
2. To provide a strong understanding, familiarization and correct usage of various hand/power tools used in electrical installations.
3. To provide an understanding of the NEC and requirements on various electrical installation.

4. To provide a strong understanding of the various aspects of electrical installations and related components.
5. To develop logical thinking patterns.

Attendance Policy/Tardiness/Make-Up Work:

Students are expected to attend class on time daily. Absences totaling over 25% of the total contact hours of the class will result in a failing grade. Tardiness - 3 tardies will count as 1 absence. Any assignments, work, or tests missed during an excused absence can be made up within 3 class days or as scheduled by the instructor.

Grading Criteria/Tests/Projects:

Assignments, projects, and test	60%
Attendance, attitude, and participation	20%
Final Exam	20%

Grading Scale:

- A =90-100
- B =80-89
- C =70-79
- D =60-69
- F = 0-59

Inclement Weather Procedures:

See handbook

Academic Standards/Student Expectations/Ethics:

1. Provide a safe environment by following all safety rules and procedures and correctly using tools and safety equipment provided.
2. Take and keep good notes.
3. Respect others while in the classroom and while on class projects.
4. Use classroom time wisely.

Withdrawal Dates:

End of unconditional withdrawal	Monday, February 13, 2006
End of conditional withdrawal	Monday, March 27, 2006

ADA Statement

Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.