



Welcome to My Classroom
Western Montgomery Career and Technology Center
Electrical Occupation

Instructor:

Mr. Evan Ducko
Electrical Occupations Instructor
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Administrator:

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Please join me for a virtual new student orientation and review the provided information below.

Zoom Meeting Information:

Topic: Electrical Occupations New Student Orientation
Time: 7:00PM

Join Zoom Meeting

<https://us02web.zoom.us/j/92364726692?pwd=bkxsZkI4dWZjQWlCeHIzT3c1M09rUT09>

Meeting ID: 923 6472 6692
Password: 8ca520

Course Description

The Electrical Occupations program at Western Montgomery Career and Technology Center has been designed to provide students with entry level skills and knowledge to enter the workforce or pursue further education in the electrical field. Hands-on and theory lessons will cover the National Electric Code, residential wiring techniques, industrial wiring techniques, commercial wiring techniques, electrical drawings, and more.

Course Objectives

The objective of Electrical Occupations is to provide students with the appropriate industry training that will prepare them to directly enter the workforce or to pursue further education upon completion of the program. Mr. Ducko's goal is to provide the students of Electrical Occupations with the skills that employers are searching for so Level 3 students are able to participate in the Western Montgomery Career and Technology Center Co-op program.

100	Basic Safety
200	Hand Tools
300	Power Tools
400	Blueprint Reading
500	Anchors and Supports
600	Residential Cabling Technology
700	Switches and Receptacle Circuits
800	Fixtures
900	Raceways
1000	Wired Devices
1100	Testing Equipment
1200	Electrical Service
1300	National Electrical Code
1400	Green Technology

Grading

Grading Breakdown:

Attitude	20%
Knowledge	30%
Skills	50%

Grading Scale:

A	93%-100%
B	85%-92%
C	77%-84%
D	70%-76%
F	00%-70%

Materials

Dress Code for Electrical Occupations:

Dressing appropriately is not only required by the school, but it is necessary to ensure all students working in the shop will be safe. The uniform for Electrical Occupations include a uniform shirt that needs to be ordered through the schools online uniform store, tan work pants(khaki pants, tan dickies, or other tan work pants will be allowed) work boots (composite toe boots are recommended but not required, boots with exposed steel toes are not permitted). Safety glasses will be provided by the school, but you may purchase a pair at your preference as long as they are ANSI Z87 Rated.

Any student who is not properly dressed will not be permitted in the area shop due to the safety risk they pose to themselves and/or other students, which will adversely impact the weekly grade. Students will also not be able to work on outside jobs without the proper uniform.

Supplies:

Students are responsible for having paper, pencils, and pens. Students should also have a notebook or three ring binder with lined paper for note taking.

Please see Mr. Ducko privately if you have trouble attaining any of these supplies.

Tools and Equipment:

Tools will be provided by Western Montgomery Career and Technology Center. It is highly recommended that students purchase their own tool belt. Students are required to use the set of tools that are assigned to them and *only* for their intended purpose. Any misuse and/or vandalism of the tools or shop equipment will result in disciplinary action.

Course Expectations

Classroom Participation

Classroom participation is essential for students to get the most out of the Electrical Occupations program at Western Montgomery Career and Technology Center. It is encouraged that students ask questions as appropriate and participate in classroom discussions. Mr. Ducko is passionate about teaching Electrical Occupations, and is here to help. *There is no such thing as a stupid question!!!* A weekly attitude grade will be issued to each student based on their participation in the day's activities, attendance, and behavior in class.

Behavior

It is important to the success of the student and the class that there are no behavioral distractions during class time, or at any time that students are at Western Montgomery Career and Technology Center. Students are expected to behave responsibly, just as they would in a job setting. Examples of negative behavior may include, but is not limited to, violence, using tools in a manner that may pose a threat to another student or themselves, foul language, etc. Negative behavior will not be tolerated and any students who may be a threat to themselves or any other students will be directed to the appropriate resources as soon as possible. In order to work in the shop, students must adhere to all rules and regulations.