

Lee County High School
Syllabus/Class Policies
Electric 1

Craft Instructor/Teacher – John Wanner
Room 607
Students and Parents:

Course Description: Course Number 46.5600 Electric I: Course Description: This course is preceded by Introduction to Construction and is the third of three courses that provides the student a solid foundation in electrical skills and knowledge. As the third step in gaining a Level One Industry Certification in Electrical, the course builds on the concepts of electrical safety introduced in Occupational Safety and provides knowledge and basic skills of the hardware and systems used by an electrician. The course incorporates general knowledge of the National Electrical Code and electrical systems, including series, parallel, and seriesparallel circuits. In addition, students will be provided an introduction to the skills and knowledge of conduit bending and installation. Minimum performance requirements for this course are based on successful student completion according to the National Center for Construction Education and Research (NCCER) Occupational Standards and the Common Core Standards as prescribed by the Georgia Department of Education. Students who successfully complete the course in accordance with NCCER standards are eligible for registration with the NCCER National Craft Worker Registry.

Basic Summary of the class:

The class is a “work at your own pace” class both individually and in teams with the expectation that all work will be completed and turned in by the deadline for that assignment. Grading will be done under a weighted average from the Common Core Standards for the class: Employability Skills, Tools, Materials Handling, Electric Circuitry, Codes, Fixtures, Voltage, Resistance and Current

Grading Policies:

It is the policy of the Lee County High School Construction program that the grading procedures of the program directly reflect the student learning objects as expressed by the Georgia Department of Education the Common Core Standards for the course. The standards are progressive through the school year and will be graded in the grading period in which they are taught. They are as follows:

CC Standards:

AC-E1-1 Employability skills	AC-E1-2 Tools, instruments, and equipment
AC-E1-3 Electric Materials	AC-E1-4 Electric Circuits
AC-E1-5 NEC, NEMA, NFPA, UL	AC-E1-6 Conductors
AC-E1-7 Fixtures	AC-E1-8 Voltage, resistance, and current.
C-E1-9 SkillsUSA	

Grading Category Breakdown

Employability Skills = 20% (Common throughout entire year)
Code = 30% (Common throughout entire year)
Installing Fixtures = 30% (Common throughout entire year)
Tools and Materials = 30% (each taught at different times)
Theory and Calculation = 30% (each taught at different times)

Semester Finals (20% of Final Grade) & Summatives

At the end of each 9 weeks there will be a cumulative Summative progressing throughout the year. There will also be Finals at the end of the first Semester with a focus on Standard #1 – Employability. The EOPA will count as the Final for the 2nd semester.

Safety Policy

- It is the Policy of the Lee County High School Construction Program to provide a safe and effective learning environment for its students. This will be accomplished through ensuring that all students are aware of this policy through this syllabus and through the posting of the “Shop Rules”. Further hands on training will be conducted within the class time for practical emergency situations.
- Students will learn their responsibilities in the event of Fire, Inclement Weather, Intruders, Serious Cuts-Abrasions-Burns, and physical incapacitation.

- Each student will participate in an evaluation of their current level awareness of the safe operation of common hand and power tools at the beginning of the training cycle. This evaluation will contain both written and hands-on components.

- Rehearsals of the student's personal responsibilities of the safety procedures will be conducted at the beginning of year in conjunction with the safety brief.

- Additional Retraining will be conducted after any event that results in serious personal injury or damage to equipment.

SHOP RULES

1. Safety is a part of everything. You are the one most responsible for your safety.
2. Safety Glasses, closed toe/heel shoes, and long pants must be properly worn at all times in the shop while work is going on.
3. No horseplay of any kind is allowed in the shop at any time.
4. No personal electronic devices are allowed in the work shop except by the expressed consent of the teacher.
5. All accidents or incidents must be reported immediately to the teacher.
6. Clean up is a part of every day. So, plan your work accordingly.

**Any student that is caught breaking any of these rules can be removed from the shop and given retraining appropriate to the violation. This can include additional assignments, detention, and/or administrative referral.

**Students who damage or misuse any materials or tools will be responsible to reimburse the school the cost of repair or replacement.

Daily Class Requirements (bring to class EVERY day):

1. Safety Glasses*
2. Long Pants
3. Closed toe/heel shoes
4. Notebook paper
5. Pen and pencil

*One pair of safety glasses will be given to every student at the start of the year. If glasses are lost or damaged, the student can buy another pair of glasses from the instructor for \$2.50. Any glasses bought elsewhere must be inspected by the instructor before use in the shop. NO DARK TINTED GLASSES OR SUNGLASSES WILL BE ALLOWED FOR USE INSIDE THE SHOP.

General Rules

1. Students must come to class prepared every day, i.e. pencil, paper, PPE, etc.
2. Attendance is taken daily and students are to be on time and start any continual work.
3. Personal electronic devices are allowed in the classroom at designated times.
4. Students are to sit in the seat of the desks, no on the tops.
5. Students are to ask permission to leave for the restroom or anywhere outside of the classroom.
6. Students are to be respectful and courteous at all times.

General Discipline:

Discipline problems will not be tolerated including the consistent bringing of PPE to class every day. If a problem persists, the student will be referred to an administrator for appropriate action.

<u>1st Offense</u>	<u>Warning</u>
<u>2nd Offense</u>	<u>Detention w/ guardian contact</u>
<u>3rd Offense</u>	<u>Administrative Referral</u>

If you have any questions or concerns, please feel free to email me at wannerjo@lee.k12.ga.us

John Wanner
LCHS, Construction

Signature Verification: Electric 1

We have read and understand the Classroom Policy for this course.

Student (print name)

Student (signature)

Guardian (print name)

Guardian (signature)

Date

Emergency contact number