

LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

ELECTRICAL TECHNOLOGY

INSTRUCTOR: Eric M. Derr

Hello! My name is Eric Derr. Welcome to the **Electrical Technology** program for the 2025-2026 school year.

First, congratulations on your decision to train to be a tradesperson. These are your first steps in a path that will eventually lead you to a rewarding career. Like all good things, though, a measure of hard work and dedication are required for success. I am excited to instruct you, and as this is your chosen field of study, I expect that you too are enthusiastic about what awaits.

My goal every year is for good communication between myself, student, and parent. To help me accomplish this I plan to use email as a primary method of communication. The students will be provided with a school-appointed email address which we will set up in the first few days of school. On the first day of school, we will be sending home the typical first-day-of-school packet of paperwork to be filled out, and in that will be a contact sheet for a parent or guardian to complete.

New Student Celebration Event: On Thursday, May 29th from 6:00-8:00 pm the Lebanon County Career & Technology Center will be hosting a New Student Celebration event, aimed at welcoming new students and their families to their program of study. You will have the opportunity to meet with your instructor, new classmates, our school counselors and other important CTC staff. Representatives from local businesses will be in attendance as well as graduates of our program. You are **STRONGLY** encouraged to attend, as this is your chance to ask questions and participate in discussions relating to the day-to-day life as a CTC Electrical Technology student. You and your parents or guardians can complete all the necessary paperwork typically associated with the first days of a new school year and uniforms can be ordered so that we are ready to begin the study of becoming an electrician the first day of school.

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The following are non-negotiable requirements of the program. If you feel you will not be able to meet these requirements, please reach out to me so we can figure out how to eliminate the obstacles.

Dress Code and Uniforms: At the LCCTC every program has a uniform which must be worn while attending. Our shop uniform is as follows: our program-specific uniform shirt, work pants (jeans or work pants that sit comfortably on your hips with no holes), and work boots. My suggestion is to wear your shirt and pants to school in the morning, keep your boots in your appointed locker at the CTC and change shoes when arriving at school. You are **required** to be in **full uniform** from the time you enter the CTC until you leave for the day. No time is allotted to change from your uniform into “street” clothes. This is done on your own time should you choose to do so. Please be aware that you are preparing for a career on a construction site, and as such, we do our best to mirror proper work conditions. This is part of your daily work ethic grade and is **non-negotiable**. Uniform inspection will begin as soon as you enter the classroom. If you are not ready to get to work, your daily work ethic grade will suffer, so please plan accordingly.

Uniform shirts **MUST** be purchased thru Major League. To purchase these, go to the following link: [Lebanon County Career and Technology Center \(majorleague.ink\)](http://Lebanon County Career and Technology Center (majorleague.ink))

You can also visit our school website at www.lcctc.edu and click on “uniforms” in the upper right-hand corner, then click on the **Electrical Technology program** (NOT Electromechanical Technology!) Our shirts are navy blue with a white shoulder stripe. I strongly advise ordering several shirts AND a sweatshirt. Uniform shirts must be worn everyday for the entire time you are in the building, and that includes during winter months. Wearing a uniform t-shirt under a sweatshirt that is not the program sweatshirt is the equivalent to being out of uniform!

It's a good idea to order your shirts as soon as possible. Far too many students across all programs at the CTC wait until the end of summer to order their uniform shirts. The printer gets backed up with orders. Calamity ensues. The sooner you order, the better chance of making sure you are properly in uniform for OUR FIRST FULL WEEK OF SCHOOL. Orders from Major League will be delivered to the school and handed out on the first day. Representatives from Major League will be available at our Spring New Student Celebration event on Thursday, May 29th from 6:00-8:00 pm and you can order your shirts that night.

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Regarding appropriate work pants, sturdy jeans are encouraged, however canvas work pants such as Dickies or Carhart are also acceptable. Your pants must fit properly and be free of holes or tears. They **MUST** be either blue jeans or work pants. Sweatpants/Joggers/Gym Shorts/Pajama Bottoms/Capris/Leggings/etc. **ARE NOT** acceptable!

As for the boots, any ankle length **work** boot will suffice; fashion boots (or Uggs, Crocs, Hey Dudes, Vans, flip flops, sandals, etc.) will not. I would suggest purchasing composite toe as opposed to steel toe. I have personally had very good success with Timberland PRO and Wolverine, both of which are budget-friendly options and are available locally.

Hand Tools: Hand tools are required to begin your training as an electrician. Through a partnership with Schaedler-Yesco and Klein Tools, the required tool kit has been developed and sharply discounted. Retail price of these tools is over \$450, however the cost per student has been generously reduced to \$350. **This is the required tool kit.** Klein Tools has a long tradition of quality, reliable, made-in-America tools that with proper care will serve you for years as a practicing electrician after graduation. These are your tools to care for and keep. You will be provided with a tool locker for safe storage, and all tools will be engraved with your Classroom Identification Number (CIN). Lost tools must be replaced at your own expense. Tool kits will be purchased through the school in either a one-time payment of \$350, or 7 monthly installments of \$50

Safety Equipment: Safety glasses and gloves are **REQUIRED** when doing any work in the shop. Safety glasses must be ANSI Z87.1+ rated. Find a pair that are comfortable. Prescription eyeglasses must also have ANSI Z87.1+ rating and be equipped with side shields. Work gloves are also a requirement when working in the shop. In past years I have permitted students to purchase any style of work gloves they choose, and most times students become frustrated with their choice and either destroy the gloves by cutting off the fingertips or neglect using gloves entirely. I am requiring a specific pair of work gloves (Custom Leathercraft CLC 140XL pro framer work gloves available from Amazon.com) that have the tips of the thumb and first two fingers removed. This protects students' hands from cuts and abrasions and permits fine dexterous work like twisting wires and turning wire nuts. I will have several pairs at our Spring New Student Celebration event on Thursday, May 29th from 6:00-8:00 pm that you can try on for sizing.

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Additional Supplies: The typical school supplies are expected: pencils, a Calculator (TI-30Xa or better), 3” 3 Ring Binder, a spiral-bound single subject notebook, and pens with stylus tips. We do a lot of work with iPads, and I have found that pens with stylus tips (those little rubber bumpers) work much better than your finger for drawing wiring schematics, etc.

The calculator is available from Amazon for \$20. If you choose to use another calculator that is fine, but you must understand how to use it. Please be aware that a cell phone is **NOT** an acceptable calculator. Be aware that regardless of what you may have heard, cell phones may not be out during class time. Phones are required to be placed in a storage box at the beginning of each class period. Non-compliance will be addressed swiftly. AirPods and other earbuds are also prohibited during class.

Be aware that MOST (not all) of my tests are open notebook tests. Just as it is when you are working in the field, you will usually be able to reference source material, in class you will usually be able to reference your OWN notes. Please make sure you are maintaining adequate notes, not only to pass tests but also to build your knowledge base.

Below is a checklist just to help make things easier for you.

Required	Qty	Item	Required Source
✓	3+	Uniform Shirt	Major League Printing
✓	3+	Work Pants	Your choice
	1	Electrical Technology hooded sweatshirt	Major League Printing
✓	1	Composite Toe Leather Work Boots	Your choice
✓	1	3” 3-Ring Binder	Your choice
✓		Pencils	Your choice
✓	1	TI-30Xa Calculator	Your choice
✓	1	Pens with stylus tips	Your choice
✓	1	Custom Leathercraft CLC 140XL pro framer work gloves	Amazon.com
✓	1	ANSI Z87+ Safety Glasses	Your choice
✓	1	Electrical Technology Klein Hand Tool Kit	LCCTC

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Please make sure to have all items (except for the hand tool kit) purchased and/or secured by the first day of school. If you have any questions, please do not hesitate to contact me. During the summer months the easiest method is by email at ederr@lcctc.edu. During the school year I will be providing additional contact information as well as a list of our classroom syllabus, and our program procedures and expectations.

I'm very excited to meet you all! I expect to see all of you at our Spring New Student Celebration event on Thursday, May 29th from 6:00-8:00 pm!

Mr. Derr