



ELPT1329 – Residential Wiring – Dual Credit

Course Syllabus: Fall 2024

“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”

Instructor: Tim Davis

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Office	Monday	Tuesday	Wednesday	Thursday	Friday	Online
Hours	2 – 4 pm	2 – 4 pm	2 – 4 pm	2 – 4 pm	By Appointment	Email Anytime

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Course Description: 3 credit hours

Lecture/Lab/Clinical: Two hours lecture and four hours lab each week.

Wiring methods for single family and multifamily dwellings. Includes load calculations, service entrance sizing, proper grounding techniques, and associated safety procedures.

Note: Additional course fee(s) required.

Prerequisite(s): None

Student Learning Outcomes: Compute the circuit sizes needed for the installation of branch circuits, feeders, and service entrance conductors; explain the proper installation of wiring devices according to electrical codes; demonstrate grounding methods; install ground fault circuits; identify residential wiring methods; and demonstrate proper safety procedures.

Evaluation/Grading Policy:

Online Chapter Review Questions = 25%

Lab Assignments = Instructor assigned

Test = 75%

Final Grade = 100%

Grades will be returned to the student as follows:

- Chapter review questions grades will be posted after the due date has passed.
- Lab activities grades will be given after due date
- Exam/Test grades will be given the next scheduled class day.
- Teacher Discretion will be given for lab assignments.

Required Instructional Materials:

- MULLIN / ELECTRICAL WIRING RESIDENTIAL

The printed textbook will be provided by school district.

- NFPA / NATIONAL ELECTRICAL CODE 2023

Publisher: Cengage

ISBN Number: See Required Instructional Materials

Instructional Materials:

- Calculator

Minimum Technology Requirements:

- Computers are available on the ITTC campus for students to complete assignments.

Required Computer Literacy Skills:

- Email skills
- Microsoft Word

Course Structure and Overview:

All students will be required to complete chapters, lab, and other assignments per instructor. Each week you will be expected to complete chapter review questions, and tests when scheduled. This course doesn't require the student to have a computer or home internet access. Students can use the ITTC campus computer lab for the online assignments and online activities. Assignment(s) and due dates will be given to students during scheduled class times.

In class participation and lab activities is an essential element in this course. Each student will be expected to participate. All assignment due dates must be completed by due date. Late work **MUST** be arranged with the instructor prior to due date.

SAFETY GLASSES: Students will be given one pair of safety glasses for this course. Students are expected to keep and wear when entering/working in the lab.

TOOLS: Students will have access to tools at each wiring station. Students are not allowed to borrow or remove tool(s) from ITTC campus.

Lab/Shop Polices: No flip flops, sandals or open toe shoes. Safety glasses must be worn at all times, must have passed a safety exam before allowed to work in lab, all cell phones must be turned off or silent during class or lab time. Remember, The Lab/Shop shall be considered a construction site. Please dress accordingly.

Communications: NTCC email is the official form of communication used by the college. All emailed questions to the instructor will be responded to within 24 hours. Please check your NTCC emails daily. Students are recommended to check their NTCC emails daily.

Institutional/Course Policy:

Attendance and on time is vital to pass this course. More than 3 unexcused absents will be considered excessive. Student must have course instructional materials within the first week of the course. No late assignments/test will be accepted unless **PRIOR** arrangements have be made with Instructor.

Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College/MPISD to move to altered operations. During this time, Northeast Texas Community College/MPISD may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (<http://www.ntcc.edu/>)/MPISD for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

NTCC Academic Honesty/Ethics Statement:

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to the special populations page on the NTCC website.

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

Tentative Course Timeline (*note* instructor reserves the right to make adjustments to this timeline at any point in the term): The Course Timeline will be given to the student during scheduled class.

Student must sign and return to the Instructor.

NOTICE OF POTENTIAL INELIGIBILITY FOR LICENSE

Texas law: restricts the issuance of occupational licenses based on a license applicant's criminal history; and authorizes the Texas Department of Licensing and Regulation (TDLR), in some cases, to consider a person convicted, even though the person was only on probation or community supervision without a conviction.

As an applicant/enrollee in an educational or training program that prepares individuals for issuance of an occupational license, I have been provided with notice by **NORTHEAST TEXAS COMMUNITY COLLEGE** of the following: If I have been convicted of an offense or placed on probation, I might not be eligible for an occupational license issued by TDLR after I complete this educational or training program; TDLR's criminal history guidelines are available at www.tdlr.texas.gov/crimconvict.htm and include restrictions or guidelines TDLR uses to determine eligibility for an occupational license; and I have the right to request a criminal history evaluation letter from TDLR, which is explained in more detail at www.tdlr.texas.gov/crimhistoryeval.htm.

Section 53.152, Occupations Code, requires that notice be provided to each applicant and enrollee regardless of whether the applicant or enrollee has been convicted of an offense.

REFUND AND ORDERED PAYMENTS. State law requires TDLR to order an educational program provider to refund tuition, license application fees, and examination fees if:

TDLR determines the provider failed to provide notice to me; and my license application was denied because of my criminal history.

ACKNOWLEDGEMENT By my signature below, I, **(Print Name of Applicant/Enrollee)**

_____, certify that I have read and understand the information above.

(Signature of Applicant/Enrollee) _____

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Student must sign and return to the Instructor.

I have read the syllabus for this course ELPT 1329 and understand what is required to pass. I understand the evaluation and grading policies in this course. I will follow all safety and classroom policies both written and verbal. All questions I had were answered by the instructor to my satisfaction.

Date: _____

Student Signature: _____