

NORTHEAST TEXAS COMMUNITY COLLEGE

**ELPT 1325 NEC
NEC National Electrical Code**

Spring 2020

Cliff Hall, Instructor

ELPT 1325 NEC National Electrical Code

I. Course Description:

An introduction to the NEC (National Electric Code). The textbook includes an overview of the NEC, wiring methods and materials, conductors, overcurrent devices, branch circuits, feeders, grounding, transformers, services, and all aspects of applying the code to electrical systems

II. Course Objective

The student should be able to have knowledge of the code book lay-out and where to find specific codes that apply to wiring methods. Know how to interpret different codes and the language used.

II. Textbook

“Understanding the National Electric Code” based on the 2017 NEC National Electrical Code. Mike Holt.

Also, “Workbook To Accompany”: “Understanding the National Electric Code”. Mike Holt. 2017 NEC.

III. Tools

No tools

V. GRADING

All tests must have a 70% accuracy to be considered passing.

There will be 2 tests minimum, all equal to 100%. Homework grades will all be added together and averaged with test grades. All homework has a due date assigned and will not be accepted for credit after the due date. Attendance will also be factored into grades.

VI. Academic Dishonesty

The college and your instructor expect all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuits. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action.

Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook.

VII. Attendance Policy

Regular and punctual attendance at all scheduled classes is expected. Attendance is necessary for successful completion of course work. If you are absent, you are responsible for initiating procedures for make-up work. All course work missed, regardless of cause, is to be completed to the satisfaction of the instructor.

More than three absences is considered excessive! It is up to you to initiate a drop in the Office of Admissions and Records.

VIII. 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 arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

IX. 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.

Course Description: An introductory study of the National Electric Code (NEC) for those employed in fields requiring knowledge of the Code. Emphasis on wiring design, protection, methods, and materials; equipment for general use; and basic calculations.

End-of-Course Outcomes: Locate and interpret the sections in the NEC that pertain to electrical installations; calculate the size of conductors, boxes, raceways, and overcurrent protective devices for branch circuits supplying electrical equipment; calculate conductors, overcurrent protection, and service equipment as applied to building services; and compute the size of branch circuits, feeders, and equipment for motors.

I HAVE READ THE SYLLABUS FOR THIS COURSE 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.

COURSE NO. ELPT 1325 NEC

Student Signature

Date