

El Paso Community College

Syllabus

Part II

Official Course Description

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| SUBJECT AREA | <u>Electrical Technology</u> |
| COURSE RUBRIC AND NUMBER | <u>ELPT 2201</u> |
| COURSE TITLE | <u>Journeyman Electrician Exam Review</u> |
| COURSE CREDIT HOURS | <u>3 2 : 1</u> Credits Lec Lab |

I. Catalog Description

Prepare the students for journeyman electrician licensure with emphasis on calculations and the National Electrical Code (NEC). **(2:1)**.

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to

- A. Take practice exams that are similar to the TDLR approved exam.
- B. Extensive practice in understanding and using NEC code book.
- C. Explain license requirements of various jurisdictions.
- D. Understand the procedures for applying and testing for licensure.
- E. Identify important test-taking skills.
- F. Recognize proper wiring connections to electrical equipment.

III. THECB Learning Outcomes (WECM)

- 1. Recognize and properly utilize formulas used to solve problems for direct current and alternating current application including single-phase and three-phase.
- 2. Describe proper materials and wiring methods used for wiring.
- 3. Explain license requirements of various jurisdictions and the procedures for applying and testing for licensure.
- 4. Identify important test-taking skills.

IV. Evaluation

The knowledge and skills stated in the objective must be demonstrated by the students in the form of tests and assignments in order to complete the course. Performance tests and lab assignments will be weighted as follows:

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| 90-100 | A |
| 80-89 | B |
| 70-79 | C |
| 60-69 | D |
| 0-59 | F |

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.