

**SOUTH PLAINS COLLEGE
COURSE SYLLABUS**

**Levelland Campus
Spring 2022**

COURSE TITLE: ELPT 2339 ELECTRICAL POWER DISTRIBUTION

INSTRUCTOR: Paul Harbin

OFFICE LOCATION LE 104

PHONE/E-MAIL: pharbin@southplainscollege.edu 806 716 2285

OFFICE HOURS: As given

SOUTH PLAINS COLLEGE IMPROVES EACH STUDENT'S LIFE

GENERAL COURSE INFORMATION:

Course Description: Prerequisites: A study of the design, operation, and technical details of modern power distribution systems, including generating equipment, transmission and distribution lines, plant distribution, and protective devices. It also includes calculation of ground fault current, system load analysis, rates and power economics.

Course Learning Outcomes: The goals/objectives of this course are:

The student will identify the major parts of utility systems.

Compare overhead systems with underground systems.

Discuss mechanical design considerations to meet codes, standards, climate, and terrain relating to utility systems.

Explain electrical considerations for utility lines.

Relate the economics involved in utility lines.

Academic Integrity: The attempt of any student to present as his or her own work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension. If you have a question as to whether you may work with other students on any assignment, **ASK YOUR INSTRUCTOR.**

Assignment Policy: All required work must be turned in on time in order that the student may benefit from the corrections and study for future examinations. Assigned outside work is **DUE ON THE CLASS PERIOD ASSIGNED.** The instructor has sole discretion as to whether late work is acceptable.

Attendance Policy: **Students are expected to attend all classes in order to be successful in a course.** The student may be administratively withdrawn from the course when absences become excessive as defined in the course syllabus.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student's responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have "Never Attended" by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of "X" or "F" as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student's responsibility to be aware of that policy.

It is the student's responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment. **Students with illness related or other absences must communicate with the instructor for those absences to be excused.**

SPECIFIC COURSE/INSTRUCTOR REQUIREMENTS:

Textbook and Other Materials: **The Guidebook for Linemen and Cablemen**
Wayne Van Soelen

Grading Policy/Procedure: Grades will be determined by averaging scores from three categories.

*Major Exams

***Final Examination

*Make-up tests may be administered at the discretion of the instructor; students are expected to be present and prepared for all announced examinations.

*** Final Examination is required for all students.

COVID-19 Requirements: Consistent with the latest CDC recommendations, we have revised our guidance for students, faculty, and staff who have a known exposure or have tested positive. Anyone with a known exposure should wear a mask for 10 days and should seek a COVID-19 test on day five after exposure. If you test positive or develop symptoms, you should immediately self-isolate and seek a COVID-19 test. Please immediately notify your instructor, supervisor, and DeEtte Edens, Associate Director of Health and Wellness, any time you test positive for COVID-19. Anyone who tests positive is required to self-isolate for five days. Following the five-day isolation period, if you are asymptomatic or your symptoms are resolving, you may return to work or class but should wear a mask for five additional days. If you are still symptomatic, please contact DeEtte Edens at dedens@southplainscollege.edu or 806-716-2376 prior to your return date.

Special Requirements: Safety Policy. Students should adhere to safety standards established in the SPC Student Handbook. Electrical energy can be potentially lethal. **Students will adhere to the safety policies set forth by the instructor to avoid any electrical contact.** Further, chemical hazards and appropriate MSDS safety practices will be covered by the instructor during the first class session if potential for exposure exists.

SPC Disability Statement Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) & Lubbock Center 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Technology: Students in need of computers for SPC classwork may check out a laptop from the library on the Levelland campus. ELPT students may check these computers out and will be responsible for the care and return of these units.