

**LNWK 1211
CLIMBING SKILLS**

Western Texas College

- I. Course Description
 - A. Safety rules and regulations. Includes the selection, inspection, use and maintenance of common tools for linemen.
- II. Basic Program Requirements
 - A. Safety glasses
 - B. Work boots
 - C. Leather work gloves
 - D. Long sleeve shirt
 - E. Notebook and pen
 - F. Proof of personal health/accident insurance is required.
 - G. Possible background check
 - H. Random drug testing will be performed on all Electrical Lineman Technology students.
- III. Course Objectives
 - A. Identify hazards on and around poles, demonstrate required safety, and inspect and use personal protective equipment and climbing equipment. Inspect and test wood poles and demonstrate climbing techniques.
- IV. Student Learning Outcomes
 - A. Knowledge and identification of pole-related hazards;
 - B. Demonstrate proper application of safety procedures and use of personal protective and climbing equipment;
 - C. Demonstrate climbing techniques.
- V. Outcome Assessment Methods
 - A. Lab projects, written examinations, scenarios, rubric and group discussions
- VI. Grading
 - A. Standard grading system is as follows:

▪ A	90-100	Superior Achievement
▪ B	80-89	Excellent Achievement
▪ C	70-79	Average Achievement
▪ D	60-69	Passing Achievement
▪ F	Below 60	Failing
 - B. There will be several exams spaced throughout the semester. The exam questions may include any combination of the following:
 - True/False
 - Multiple choice
 - Fill in the blank
 - Short answer
- VII. Student Attendance
 - A. Class roll will be taken since regular and punctual attendance is expected for all designated class meeting time

- B. The attendance policy established by the College and set out in the current catalog will be applied in determining student attendance. *This includes the reporting of three hours of unexcused absences to the Counseling Center by the instructor, and an administrative drop for repeated attendance policy violations.*
- C. Students are encouraged to coordinate anticipated absences with the instructor and/or to advise the Counseling Center of any anticipated longer-term absences from class
- D. Please keep in mind that this course contains a significant number of graded assignments
- E. Excessive absences will result in the failure to complete one or more of these activities and therefore result in the loss of credit as described above.
- F. PLEASE NOTE:
 - Every three unexcused absences will result in the loss (drop) of a letter grade, regardless of a student's course average.
 - Tardies will be treated the same, with five tardies being equivalent to a loss (drop) in a letter grade.

VIII. Conduct and Academic Dishonesty

- A. This course will be taught in a college classroom environment. Students will come to class prepared to participate in the learning process and that part of this preparation will include the demonstration of mature and purposeful behavior. Therefore, activities such as sleeping in class, interruptive talking with fellow students (including cell phones), rudeness to fellow students, overt tobacco use or other types of inappropriate behavior (including cheating and plagiarism) will not be tolerated, and may be dealt with by instructor-initiated student withdrawal from class. College policy prohibits the consumption of drinks and snacks in the classroom.

IX. Additional Requirements

- A. Complete all course work with at least a score of 85, and pass 50% of the scheduled tests.
- B. Complete each level with a passing evaluation.

X. Required Books (Please note that these books will be used in several different classes.)

Course Content	
<u>Topic:</u> Climbing Basics	Lab 1: Introduction to Outside Lab
<u>Topic:</u> Climbing Basics, including safety, tool and poles inspection	Lab 2: Outside lab
<u>Topic:</u> Climbing Basics, including personal protective equipments, fall arrest, etc.	Lab 3: Outside lab

Topic: Tool Inspection and Related Lab 4: Outside lab
Topic: Poles Inspection/Fall Protection Lab 5: Outside lab
Topic: Body Rescue Lab 6: Outside lab
Topic: Body Rescue (continued) Lab 7: Outside lab
Topic: OSHA Rules and Regulations/ Course Safety Review Lab 8: Outside lab
Topic: System Generation and Distribution Flow Lab #9 Outside lab
Topic: Equipment, Materials and Specifications Lab #10 Outside lab
Topic: Micro Perspective of Electric Systems Lab #11 Outside lab
Topic: Relationship Between Voltage, Current and Resistance Lab #12 Outside lab
Topic: High Voltage Safety Lab #13 Outside lab
Topic: Course Review Intensive Lab 14: Lab Review Intensive

Disclaimer: Schedule and content is subject to change at the instructor's discretion.

Class/Lab Assignments	60%
Exams	20%
Final Exam	20%

Last Modified: August 24, 2016