COURSE NUMBER & TITLE: ELAP 1555-01 Independent Electrical Apprentice V

SEMESTER/YEAR: Fall 2006

LECTURE HOURS: 5 LABORATORY HOURS:

CREDIT: 5

CLASS TIME: 7:00 - 9:30 p.m. WTH ROOM: PS 209

INSTRUCTOR'S NAME: Bob Benardis

INSTRUCTOR'S CONTACT INFORMATION:
Office Phone: 268-3007 (Shelly, Academic Assistant)
Home Phone:
Cell Phone:
Email: rcbenardis1@msn.com

OFFICE HOURS: By appointment only

COURSE DESCRIPTION: In depth study of commercial/industrial installations, including NEC requirements and calculations for same.

STATEMENT OF PREREQUISITES: First year apprentice classes passed & current apprentice license.

GOAL: Continue preparation for journeyman's exam.

OUTCOMES: Continue more in depth study of industrial and commercial installations as the installations are calculated and related to the NEC.

METHODOLOGY: Lecture, demonstration, audio-visual materials and practical applications will be used for instruction in this course.

EVALUATION CRITERIA: Students will be evaluated on four unit tests, a midterm exam and a final semester exam. The unit tests will count for 1/3 of the final grade, the midterm exam 1/3 and the final exam 1/3. The three grades will be averaged, and a 75% minimum is required for students to continue in the apprenticeship program.

Grading Policy: A = 94% or better (Grades will not be rounded)
B = 88 – 93%
C = 82 – 87%
D = 75 – 81%
F = Less than 75%

Attendance Policy: Regular attendance is expected, but attendance is not included in the grading system. However, if a student misses a class, the class time must be made up, or else the student is dismissed from the Apprenticeship Program.
REQUIRED TEXT, READINGS, MATERIALS:

CLASS POLICIES:
Last Date to Change to Audit Status: Refer to Handbook
Last Date to Withdraw With a W Grade: Refer to Handbook

STUDENT’S RIGHTS AND RESPONSIBILITIES: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the department head, then the division chair, and lastly the vice president for academic affairs.

Academic Dishonesty – Cheating and Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion form school. See the Casper College Student Code of Conduct.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment to the instructor at your earliest convenience.

CALENDAR OR SCHEDULE:

TOPIC OUTLINE

PART 1  Wiring Principles
PART 2  Residential and Farm Wiring
PART 3  Commercial and Industrial Wiring