COURSE NUMBER & TITLE: ELAP 1515-01  Independent Electrical Apprentice I

SEMESTER/YEAR: Fall 2006

LECTURE: 5  LABORATORY: CREDITS: 5

CLASS TIME: 7:00 - 9:30 p.m. TTH  ROOM: PS 216

INSTRUCTOR'S NAME: Ron Yates

INSTRUCTOR’S CONTACT INFORMATION:
  Office Location: N/A
  Office Phone: Academic Assistant (Shelly) 268-3007
  Email address: N/A

OFFICE HOURS: By appointment only

COURSE DESCRIPTION: This is the first semester class of a series of classes mandated for electrical apprentices. This series of classes is designed to compliment the on-the-job-training received by electrical apprentices. This course is designed to provide the beginning electrical apprentice with the necessary skills and knowledge to ensure safe and efficient work practices on the job. Topics of study include safety, introduction to the National Electrical Code, basic electrical theory, lighting and appliance circuits, and wiring methods.

STATEMENT OF PREREQUISITES: Status as a first-year Electrical Apprentice with an Independent Electrical contractor, and registered with the State of Wyoming Electrical Board of the Department of Fire Prevention and Electrical Safety, as an apprentice electrician.

GOAL: Upon completion of this course, the student will meet the requirements for continuation of the first year as an Electrical Apprentice. This vocational course is intended to provide entry-level training for employment in areas closely related to electrical wiring. As such, it is not intended to be transferred to other institutions, although it may be accepted by similar two-year vocational programs. Within the State of Wyoming, this course is transferable to any other Community College participating in the State approved Electrical Apprenticeship training program.

OUTCOMES:
1. To provide the classroom training that will help the apprentice become an electrician.
2. To provide the apprentice with knowledge that will help them in their on-the-job training.
3. One of a series of eight semester long classes that will help the apprentice achieve a high level of competence.
4. To increase the apprentice’s awareness of the overall field of the electrician’s trade.
5. To develop skills in using the knowledge that an apprentice must possess.
METHODOLOGY: Lecture, demonstration, audio-visual materials and practical applications will be used for instruction in this course.

EVALUATION CRITERIA: Class participation (50%) and quizzes (50%).

Grading Policy: 
- A = 94% or better
- B = 88 – 93%
- C = 82 – 87%
- D = 75 – 81%
- F = Less than 75%

75% minimum is required for students to continue in the apprenticeship program.

Attendance Policy: Regular attendance is expected. 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 TEXTS, READING, MATERIALS:
- Electrical Wiring Residential, Mullin, Thompson/Delmar Learning
- Standard Textbook of Electricity, Delma, 3rd Edition
- 2005 NEC National Electrical Code

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 from 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.