Instructor Information

Instructor: Shaun Everest
Office: BIC 112
Mailbox: BIC 112
Hours: By Appointment
Phone: 501-907-6673 ext. 3417
Email: severest@uaptc.edu

*All emails and telephone calls will receive a response within two business days.

Chair: Michael Slater 501-812-2285 mslater@uaptc.edu
Dean: Dr. Bentley Wallace 501-812-2336 bwallace@uaptc.edu

*If your emails and telephone calls do not receive a response within two business days, the appropriate chain of command is above.

Course Information

Classroom Lecture/Lab
TR 6:00 PM-8:30 PM 8/15/2018 - 12/14/2018 North Little Rock, Weatherization Training Center/D Building, 101

Catalog Description

A study of electrical components and circuits, with an emphasis on wiring, diagnoses, and repairs of basic live circuits with volt and amp meters and an introduction of solid state electronic control boards and direct digital controls. Students will gain experience constructing and wiring circuits which will build upon the theories of operation regarding electrical components, such as switches, relays, contactors, starter boxes, transformers, time delay relays, defrost timers, motors of various types, capacitors and motor starting relays studied in HVAC 1214. All studies will emphasize relative safety, codes, and ordinances and will relate directly to heating, cooling, and refrigeration systems. Theory/Lab. Prerequisites: HVAC 1212 and HVAC 1214. (4 credit hours)

Course Materials

Modern Refrigeration and Air Conditioning by Althouse, 20th Edition or Modern Refrigeration HVAC 3.0 Software

Required Classroom Supplies:
Pen and Pencil
Folder
Calculator (not a cell phone)
Refrigeration Temperature & Pressure Chart
Volt/Ohm Meter and amp Meter
Mission Statement

University of Arkansas – Pulaski Technical College provides access to high-quality education that promotes student learning and enables individuals to develop to their fullest potential.

Institutional Learning Outcomes and General Education

UA-PTC supports a college-wide institutional learning assessment program which concerns effective instructional methods and promotes student learning achievement by assessing:

1. Communication
2. Critical Thinking
3. Cultural Awareness
4. Information Literacy
5. Professionalism
6. Quantitative Literacy
7. Technology Literacy

For more information, please consult the following website: https://uaptc.edu/sla

Department / Program Learning Outcomes

The HVACR department, consistent with the College’s mission and the Division’s objectives, encourages the success of its students in all technical fields and academic disciplines by promoting:

1. Critical and creative thought
2. Effective argumentation with a focus on tone, purpose and audience
3. Academic Integrity
4. Independent thinking and learning
5. Written communication on a collegiate level
6. Exposure to various cultures and subcultures
7. The influence of culture on individuals and their work
8. Collaborative study and writing

Student Learning / Course Outcomes

The student will be able to demonstrate proficiency in the following areas:

1) Demonstrate proper safety procedures while working with electric equipment.
2) Demonstrate the ability to troubleshoot Control circuits.
3) Have a working knowledge of control circuits, components and diagrams.

Policies

Report a Complaint or Concern

UA-PTC takes very seriously complaints and concerns regarding the institution. Most complaints or concerns of a specific nature should be initiated and resolved at the campus level through normal college processes whenever possible. UA - Pulaski Technical College receives
and resolves complaints using a variety of methods. To report a complaint or concern, please follow the link below.

https://www.uaptc.edu/report-a-concern-complaint

**UA-PTC Attendance Policy**

Education at UA-PTC requires students’ active involvement in the learning process. Thus, students are expected to attend all classes and actively engage in all learning assignments and/or opportunities provided in their classes. Class attendance should be treated as mandatory by all students as attendance will be taken by all instructors during the first two weeks of class. Additionally, a written policy on student attendance that is tied to course objectives and included in a course syllabus will be provided for each course by instructors.

**Departmental Attendance Policy**

[Insert course specific attendance and late policy.]

**Course Policies**

The UA-PTC Catalog rules and regulations will be enforced in this course at all times. Please consult the following website for more information: [https://www.uaptc.edu/catalog](https://www.uaptc.edu/catalog)

Professional behavior is required. Punctual attendance and intelligent participation are expected. Particulars as determined by the instructor are detailed in the paragraph below.

Appropriate behavior is expected for all communications, including any notes, email messages, or telephone conversations. Some guidelines for communication are included in this syllabus to help you.

[Insert specific course policy.]

**Grading Policy**

Letter grades will be based on the following scale:

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

* Instructors have one week to provide feedback and post grades for all assignments unless otherwise noted by a departmental policy that has been approved by the Dean of the School.
In an online class, eligibility for Financial Aid is based on student participation. Logging into the course does not constitute participation. For purposes of roster certification, students must complete a gradable attendance artifact.

**Academic Integrity**

It is expected that all students who attend UA-PTC conduct themselves in a manner appropriate for the college experience. Academic integrity is a vital component of collegiate behavior. The UA-PTC catalog states, “The gaining of knowledge and the practice of honesty go hand-in-hand.”

The catalog also states, “The responsibility and authority of initiating discipline arising from violations of the rules against dishonesty during the process of the course are vested in the instructor of that course.”

The complete Academic Integrity Policy is in the UA-PTC code of conduct.

**Accommodation Policy**

Services for Students with Disabilities: UA-PTC is committed to fulfilling all federal requirements as stated in the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and the American with Disabilities Amendments Act (ADAAA) of 2008. Accommodations are available to students who have documented disabilities. Students who request accommodations must register with the Disability Services Office (Main Campus: 501-812-2738 or South Campus: 501-812-2862) and must provide current and relevant documentation.

Students requesting accommodations should inform the instructor at the beginning of the course or as soon as accommodations are approved. It is the student's responsibility to provide their Accommodation Letter to the instructor. Accommodations are not retroactive and will only be provided once your instructor receives the Accommodation Letter.

**Student Code of Conduct**

All students are expected to abide by the UA-PTC Student Code of Conduct. For the full Student Code of Conduct, access the most current version of the UA-PTC Academic Catalog. [http://uaptc.azurewebsites.net/docs/default-source/course-catalog/2017-18-academic-catalog.pdf?sfvrsn=a08a3038_2](http://uaptc.azurewebsites.net/docs/default-source/course-catalog/2017-18-academic-catalog.pdf?sfvrsn=a08a3038_2)

**Sexual Misconduct**

No person at Pulaski Technical College will, on the basis of gender, be excluded from participation in, be denied benefits of, or be subjected to sex discrimination, sexual harassment or sexual misconduct under any education program or activity. All college administrative policies and procedures regarding sex discrimination, sexual harassment, and sexual misconduct are in compliance with Title IX. Students who feel they are victims of sexual misconduct should contact the UA-PTC Title IX Deputy Coordinator for Students:

Michelle Anderson, Director of Student Life and Leadership
Course Evaluations

Students may be asked to evaluate their instructor and course near the end of the semester. These student evaluations are very important to the improvement in the quality of instruction and course materials. All results are anonymous and shared with the faculty only after the semester is over and grades have been posted.

Information Literacy

UA-PTC is committed to the Information Literacy Competency Standards for Higher Education as established by the Association of College and Research Libraries and endorsed by the National Forum on Information Literacy. Therefore, all courses will incorporate an information literacy component so that, by graduation, all students will be able to recognize the need for information, then locate, evaluate, synthesize, and communicate information in an ethical manner. Information literacy encompasses critical thinking, research, media, technology, health, business, and visual literacy skills to produce lifelong learners who can make informed decisions in the workplace and in their personal lives.

Tentative Course Schedule
See Blackboard Course Content for Course Schedule

Final Exam Schedule: Thursday December 13, 2018 6:30-8:30PM

Disclaimer: This schedule is a guide for the semester. The instructor reserves the right to amend the schedule as necessary.
Course Agreement Form

Read, complete, and return to instructor:

I have read the course syllabus for Shaun Everest Electrical Control Application at Pulaski Technical College, and I understand its content. I also understand the rules for the class, and I will follow and abide by these rules, including those relating to attendance, assignments, grading criteria, plagiarism, and behavior.

Semester

Date

Print name

Signature

UA-UA-PTC Email address

Telephone