Instructor: Clay Rawlins

Contact Information:
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Hours Available: Posted Office Hours & by Appointment

Course Description

ECT 1191 Special Topics / EECT (1)
This is a WECM Course Number.
Topics in this course address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. The specific topic of this course is the study of microprocessors and their applications. This course may be repeated if topics and learning outcomes vary. (1 Lec.)

Textbooks and Other Course Materials:

TEXT: No Textbook is required for this course.
Reference materials will be internet-based or distributed to students by the instructor.
Developmental Courses

The Texas Success Initiative (TSI) is a statewide program designed to ensure that students enrolled in Texas public colleges and universities have the basic academic skills needed to be successful in college-level course work. The TSI requires assessment, remediation (if necessary), and advising of students who attend a public college or university in the state of Texas. The program assesses a student's basic academic skills in reading, writing, and math. Passing the assessment is a prerequisite for enrollment in many college-level classes such as English 1301/1302, History 1301/1302, Math 1414, etc. Students who do not meet assessment standards may complete prerequisite requirements by taking developmental courses in the deficient area and passing them with a grade of C or higher. In some cases retesting will also be required. It is up to each student to be aware and informed about requirements that are subject to change. Additional information is available from the TSI Office. https://www1.dcccd.edu/cat0910/admiss/tsi.cfm?loc=4

Course Objectives:

Study the development, programming and applications of microprocessors.

LEARNING OUTCOMES: The student will be able to define a microprocessor, discuss its basic elements and identify typical applications; explain the function of the ALU, register array, control unit, and the microprocessor buses; list and define types of microprocessor instructions; discuss how memory size and address bus size relates; discuss the application of assembly language (vs. machine language) in microprocessors; discuss the function of interrupts and I/O ports.

Evaluation Procedures:

The student will review materials on basic microprocessors and how microprocessors are programmed. The student will be required to write a research paper on microprocessors and submit answers to a exam on microprocessors. Instructor will evaluate the content, writing style and accuracy of the research paper content. The final grade will be assigned by the instructor based on analysis of the research paper and the exam score. The relative weights of the course evaluation components are indicated below:

Research Paper Score 60%
Microprocessor Exam Score 40%

Obtaining Final Course Grades Using eConnect

Final Grade Reports are no longer mailed. Convenient access is available online at www.econnect.dcccd.edu. Use your identification number when you log onto eConnect. This online system provides you with timely information regarding your college records.
Eastfield College Email Policy
Faculty and students must have and use a DCCCD account for all correspondence relating to academic coursework. For information on setting up a DCCCD student email account go to: http://www.dcccd.edu/netmail/home.html

Attendance Policy

Students are expected to regularly attend all classes in which they are enrolled. Students have the responsibility to consult with the instructor when an absence occurs. Senate Bill 738 authorizes students to be absent for religious holy days. Students planning such absences are required to submit written notification to their instructors during the first 5 days of the term. Students absent for approved religious holy days will be allowed to complete work missed.

Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Financial Aid Statement for Distance Learning Classes

If you are receiving Financial Aid grants or loans and are enrolled in a Distance Learning class, you must show participation in this class prior to the certification date by either e-mailing or contacting the instructor or logging on to eCampus. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds.

Repeating This Course: (Third Attempt to Enroll in a Course)

Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at: http://www.dcccd.edu/thirdcourseattempt/

Academic Honesty Statement

Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion.

As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog at http://www1.dcccd.edu/cat0506/ss/code.cfm
Academic dishonesty includes, but is not limited to, cheating on tests, plagiarism and collusion. **Cheating** includes copying from another student's test or homework paper, using materials not authorized, collaborating with or seeking aid from another student during a test, knowingly using, buying, selling, stealing, or soliciting the contents of an unadministered test, and substituting for another person to take a test. **Plagiarism** is the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work. **Collusion** is the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements. Academic dishonesty is a serious offense in college. You can be given a failing grade on an assignment or test, can be failed for the class, or you can even be suspended from college.

**Food and Drink Policy**
Food, drinks, and tobacco products are prohibited in Eastfield College classrooms.

**ADA Statement**
Students with a physical, mental or learning disability who require accommodations should contact the college Disability Services Office in C237. Call 972.860.8348 or email efcdso@dccc.edu. For more information: [http://www.eastfieldcollege.edu/SSI/DSO/index.html](http://www.eastfieldcollege.edu/SSI/DSO/index.html)

**Religious Holidays**
Absences for observance of a religious holy day are excused. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within a reasonable time after the absence.

**Withdrawal Policy**
If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office by the “Last Date to Withdraw” as established by the Registrar’s Office for this class. Failure to do so will result in your receiving a performance grade, usually an “F.” If you drop a class or withdraw from the college before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. For more information about drop deadlines, refer to the online Credit Class Schedule, or contact the Admissions/Registrar’s Office at 972-860-7167 (Room C119), or contact the division office at 972-860-7143 (Room T143).

**STOP BEFORE YOU DROP**
For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions.
Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a "W". Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: https://www1.dcccd.edu/coursedrops

**Family Educational Rights and Privacy Act of 1974 (FERPA)**

In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as “directory information” to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as specified by law.

**Classroom Etiquette**

Enrollment in this class indicates acceptance of the standards of conduct published in the current edition of the Eastfield College Catalog. Any disruptive behavior in the classroom is not acceptable and will not be tolerated. Laptops or desktop computers should not be used during class time except as needed for instructional purposes. Please silence all cell phones or pagers during class sessions. If you are late to class, please come in quietly and take your seat. Do not make a habit of arriving late since this can be distracting to other students. If you must leave early, please let the instructor know prior to class. Excessive tardiness or leaving early may affect your final grade since class attendance and participation is important.

**The instructor reserves the right to amend this syllabus as necessary.**