

Central Texas College
 Term 05-1
 25 October - 18 December 2004
 Enrollment begins 13 September 2004

Course Number	Course Title	Class Days	Class Hours	Saturday Hours	Building Number	Room Number
ARTS 1311	Design I	Tuesday/Thursday	5:15 - 7:45 p.m.		240	102
AUMT 1407	Automotive Electrical Systems	Tuesday/Thursday/Saturday	5:15 - 9:15 p.m.	8:00 a.m. - 12:00 p.m.	240	103
AUMT 2413	Manual Drive Train and Axles	Monday/Wednesday/Friday	5:15 - 9:15 p.m.		240	103
BUSI 1301	Business Principles	Tuesday/Thursday	5:15 - 7:45 p.m.		7604	5
CDEC 1357	Math and Science for Early Childhood	Monday/Wednesday	5:15 - 7:45 p.m.		7604	5
CDEC 1358	Creative Arts for Early Childhood	Saturday		8:30 a.m. - 1:30 p.m.	240	102
CETT 1405	AC Circuits	Tuesday/Thursday	5:15 - 9:15 p.m.		240	101
CJSA 1308	Criminalistics I	Tuesday/Thursday	7:45 - 10:15 p.m.		7604	7
CJSA 1351	Use of Force	Tuesday/Thursday	5:15 - 7:45 p.m.		7604	7
ITSC 1409	Integrated Software Applications I	Monday/Wednesday	5:15 - 9:15 p.m.		217	209
MATH 1314	College Algebra	Monday/Tuesday/Wednesday/Thursday	11:45 a.m. - 1:00 p.m.		217	202
PHIL 1317	History of Religions II	Monday/Wednesday	5:15 - 7:45 p.m.		7604	7
SPCH 1315	Public Speaking	Monday/Wednesday	7:45 - 10:15 p.m.		7604	7
WLDG 1423	Welding Safety, Tools, and Equipment	Monday/Wednesday/Friday	5:15 - 9:15 p.m.		240	B-1

COURSE DESCRIPTIONS

ARTS 1311-DESIGN I

This course gives basic instruction in the elements and principles of design, with emphasis on the study of form and color theory. It is a study of design in two-dimensional formats. Prerequisite: None

AUMT 1407-AUTOMOTIVE ELECTRICAL SYSTEMS

An overview of automotive electrical systems including topics in operational theory, testing, diagnosis, and repair of batteries, charging and starting systems, and electrical accessories. Emphasis on electrical schematic diagrams and service manuals. Prerequisites or Co-requisites: AUMT 1405 and 2305 or consent of Department Chair.

AUMT 2413-MANUAL DRIVE TRAIN AND AXLES

A study of automotive clutches, clutch operation devices, standard transmissions, transaxles, and differentials with emphasis on the diagnosis and repair of transmissions and drive lines. Prerequisite or Co-requisite: AUMT 1405 or consent of Department Chair.

BUSI 1301-BUSINESS PRINCIPLES

Introduction to the role of business in modern society. Includes overview of business operations, analysis of the specialized fields within the business organization, and development of a business vocabulary.

CDEC 1357-MATH AND SCIENCE FOR EARLY CHILDHOOD

An exploration of principles, methods, and materials for teaching young children math and science concepts through discovery and play.

CDEC 1358- CREATIVE ARTS FOR EARLY CHILDHOOD

An exploration of principles, methods, and materials for teaching young children music, movement, visual arts, and dramatic play through process-oriented experiences to support divergent thinking.

CETT 1405- AC CIRCUITS

A study of the fundamentals of alternating current including series and parallel AC circuits, phasors, capacitive and inductive networks, transformers, and resonance. Prerequisite: CETT 1403

CJSA 1308-CRIMINALISTICS I

Introduction to the field of criminalistics. Topics include the application of scientific and technical methods in the investigation of crime including location, identification, and handling of evidence for scientific analysis. Prerequisites: CRIJ 2314/CJSA 1342 and CJLE 1345.

CJSA 1351-USE OF FORCE

A study of the use of force including introduction to and statutory authority for the use of force, force options, deadly force, and related legal issues. Fulfills the TCLEOSC Use of Force Intermediate Certificate requirement. Prerequisite: Consent of Department Chair.

ITSC 1409-INTEGRATED SOFTWARE APPLICATIONS I

Integration of applications from popular business productivity software suites. Instruction in embedding data, linking and combining documents using word processing, spreadsheets, databases, and/or presentation media software. Prerequisite: None

MATH 1314-COLLEGE ALGEBRA

A study of relations and functions, polynomial functions and equations of degree higher than two, exponential and logarithmic functions and equations, matrices, and determinants, sequences and series, the binomial theorem, and mathematical induction. This course meets the college core requirement and is recommended for students planning to transfer to bachelor's degree programs. Prerequisites: DSMS 0303 or equivalent with a grade of "C" or better or acceptable evaluation scores.

PHIL 1317-HISTORY OF RELIGIONS II

In an historical survey of major religions this course focuses on the history and literature of Early Christianity during the New Testament period emphasizing its origin, development, and expansion of religious institutions and ideas.

SPCH 1315-PUBLIC SPEAKING

Course encompasses both theory and practice of communicating with others and includes; research, composition, organization, and delivery of speeches for various purposes and occasions.

WLDG 1423-WELDING SAFETY, TOOLS AND EQUIPMENT

An introduction to welding careers and safety practice, including welding safety; OSHA and the Hazardous Communication Act; Material Safety Data Sheets (MSDS); basic mathematics; measuring systems; shop operations; use and care of precision measuring tools; and the use and care of the hand power tools. Instruction of various types of welding equipment and processes, basic welding gases, fluxes, rods, electrodes, symbols, and blueprints.