

# EECT - ELECTRONIC TECHNOLOGIES

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**EECT 1204 Electronic Soldering 2 Credit Hours (1 Lec, 2 Lab)**

Theory and use of tools and equipment for electronic soldering techniques.

Course Type: Technical/Vocational Course

Corequisite: CETT 1429

**EECT 1403 Introduction to Telecommunications 4 Credit Hours (4 Lec, 1 Lab)**

An overview of the telecommunications industry. Topics include the history of the telecommunications industry, terminology, rules and regulations, and industry standards and protocols. Prerequisite: CETT 1425 and CETT 1429

Course Type: Technical/Vocational Course

**EECT 2433 Telephone Systems 4 Credit Hours (3 Lec, 2 Lab)**

A study of installation and maintenance systems including telephone set, public switched networks, local exchanges, networks, two and four wire systems, tip and ringing requirements, and digital transmission techniques. (Formerly ETEC 2482) Prerequisite: CETT 1429.

Course Type: Technical/Vocational Course

**EECT 2435 Telecommunications 4 Credit Hours (4 Lec, 1 Lab)**

A study of modern telecommunications systems incorporating microwave, satellite, optical, and wire/cable-based communications systems. Instruction in installation, testing, and maintenance of communications systems components. Prerequisite: EECT 1403

Course Type: Technical/Vocational Course