Technical Studies: Uniform Construction Code Technology (A.A.S.)

The Technical Studies: Uniform Construction Code Technology Option degree program is uniquely designed to ensure the validity of nontraditional learning and promote adult access to and success in postsecondary education and the workforce. By majoring in the Technical Studies: Uniform Construction Code Technology Option, you can transfer in approved credits from construction code training programs and earn a college degree.

Program Requirements

GENERAL EDUCATION REQUIREMENTS (22 - 23 CREDITS)

Written & Oral Communication (6 credits)

ENG 101 (3 credits)

ENG 102 or ENG 105 (one 3 -credit course)

Quantitative Knowledge & Skills (3 – 4 credits)

Choose one of the following mathematics courses: MTH 100MTH 101MTH 103MTH 109MTH 113MTH 114MTH 119MTH 120MTH 121MTH 122MTH 127MTH 136MTH 213MTH 221MTH 222 or MTH 239 (one 3- or 4-credit course)

Scientific Knowledge & Reasoning (4 credits)

Choose one of the following lab science courses: BIO 101BIO 102BIO 103BIO 104BIO 121BIO 122CHM 101CHM 102CHM 103CHM 104PHY 101PHY 102PHY 103PHY 104PHY 113 or PHY 114 (one 4-credit course)

Society & Human Behavior (6 credits)

Choose two of the following courses: ANT 101ANT 105ECO 101ECO 102POL 101POL 104PSY 101PSY 102PSY 219SOC 101SOC 108 or SOC 219 (two 3-credit courses)

Historical Perspective (3 credits)

Choose one of the following history courses: HST 101HST 102HST 111HST 112HST 121HST 122HST 131HST 132HST 134HST 135HST 136HST 137HST 161 or HST 162 (one 3-credit course)

MAJOR COURSE REQUIREMENTS (33 - 35 CREDITS)

UCC 109 Subcode Official (3 credits)

UCC 110 Construction Official (3 credits)

CEE 298 Cooperative Education Experience I (1 – 4 credits)

CEE 299 Cooperative Education Experience II (1 – 4 credits)

Technical Studies electives* (total of 7 – 16 credits)

Technical courses** (total of 10 – 17 credits)

Note: The Technical Studies electives are chosen based on a concentration selected in one of the technical areas listed below. Courses may be completed for credit at Essex County College or may be transfered in from construction trade programs where a license has been obtained.

Building Code – Students should take UCC 119 Building Inspector RCS (6 credits), UCC 121 Building Inspector ICS (6 credits), and UCC 220 Building Inspector HHS (4 credits)

Electrical Code – Students should take UCC 130 Electrical Inspector ICS (4 credits) and UCC 230 Electrical Inspector HHS (3 credits)

Fire Code – Students should take UCC 140 Fire Protection Inspector ICS – Part I (4 credits), UCC 141 Fire Protection Inspector ICS – Part II (4 credits), and UCC 240 Fire Protection Inspector HHS (4 credits)

Plumbing Code – Students should take UCC 151 Plumbing Inspector ICS (8 credits) and UCC 250 Plumbing Inspector HHS (4 credits)

**Note: The Technical courses may be any additional (non-repeated) course designated ARC, CET, ELC, ENR, MET, or UCC or courses recommended and approved by an ETCS Division academic advisor (faculty member).*

ADDITIONAL COURSE REQUIREMENTS (5 - 8 CREDITS)
Computer Science (CSC course) elective (one 3- or 4-credit course)

Additional Technical course(s)*** (total of 2 to 4 credits)

*** Note: Choose the additional Technical course(s) from the major course requirements indicated on the curriculm guides of the programs listed below or other appropriate programs. Programs and courses must be approved by an ETCS Division academic advisor (faculty member).*

Architectural Technology (2301)

Civil Engineering Technology (5309)

Computer-Aided Design Technology (3205)

Computer Information Systems (2002)

Computer Science (2302)

Electronic Engineering Technology (2307)

Engineering (0399)

Mechanical Engineering Technology (5308)

RECOMMENDED SEQUENCE OF COURSES
Total Credits Required for Degree: 60 – 66

The sequence of courses will be determined on an individual basis – see an ETCS Division academic advisor (faculty member) for details.