



**UNIFORM CONSTRUCTION CODE
CERTIFICATE PROGRAMS**

**Electrical Code Technology
Building Code Technology
Plumbing Code Technology
Fire Code Technology**



WEST ESSEX CAMPUS

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**ESSEX COUNTY COLLEGE
WEST ESSEX CAMPUS**

Uniform Construction Code Program

For over 20 years, Essex County College has been offering state required courses for licensing in the areas of building, electrical, fire, and plumbing code technology.

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Location

All Uniform Construction Code (UCC) courses are offered at the Branch Campus located in West Caldwell; English (ENG) courses are offered both at the Main Campus in Newark or the West Essex Campus; Architectural (ARC) courses are offered at the Main Campus only.



UNIFORM CONSTRUCTION CODE TECHNOLOGY CERTIFICATE PROGRAMS

Certificate Programs in Construction Code Enforcement have been designed to:

1. Provide the certificate program necessary to fulfill the credentials for state approved licensing requirements adopted by the New Jersey Uniform Construction Code administered by the Department of Community Affairs.
2. Provide currently licensed Code enforcement personnel a means by which to upgrade their educational credentials.
3. Prepare individuals for inspector related employment in private industry.

The underlying principle of the certificate program is the protection of the health, safety and welfare of the people insofar as they are affected by construction regulations. In support of this principle, the certificate program has been designed with specific objectives in mind. Upon successful completion of the certificate, graduates will be able to:

1. Evaluate construction plans in terms of compliance with the code,
2. Determine compliance of the actual construction with the approved plans,
3. Apply both technical and administrative code related knowledge gained from situations in the code enforcement field,
4. Apply general education knowledge gained to comprehend and evaluate ideas in the context of the code enforcement,
5. Communicate both orally and in writing in a constructive and creative manner about code enforcement, and
6. Pass the National Certification Examination for licensing.

**Have you taken licensing courses at other
community colleges?**

**Essex County College accepts both credit and non-credit State
Approved courses from other Community Colleges to be applied to
the Certificate Program. Contact the Academic Programs Office at
973-877-3175 for more information.**

Adjunct/Faculty

Instruction of all Uniform Construction Code Courses is by State-Certified Professionals in the field of Code Enforcement.

Books

All Students in UCC courses received free course manual supplied by the Department of Community Affairs. In addition to this code, manuals and other supplemental material are available through the College Bookstore.

Certification

Upon successfully completing each Uniform Construction Code (UCC) course students are issued a certificate of successful completion. This certificate is used when applying for the Licensing Examination.

Placement Testing

Any student in the certificate program is required to take a basic skills test before enrolling in English 101. The results of this test are used to guide students into appropriate English courses. There is no fee for taking the test. Testing dates can be obtained by calling 973-877-6590.

Application

New students may apply for admission by completing an application form by submitting it online at www.essex.edu or in person with a \$25.00 fee to the Admissions Office. Contact the Enrollment Services Office at 973-877-6590 for an admissions packet.

Registration

Students will be informed of the registration/advisement period. Courses are scheduled in the Fall, Spring, and Summer sessions.

Payment Methods

Payment due dates are provided at time of registration.

Full payment of the registration bill may be made in cash, by check, money order, credit card (VISA/MASTER CARD/DISCOVER or DEBIT) or voucher from your township company.

Full payment by phone can be made by calling the Bursar's Office a 973-877-6630, if you are paying by VISA/MASTERCARD/DISCOVER or DEBIT.

A monthly deferred payment plan is available through The College. Students may enroll in the payment plan during registration. Currently the fee is \$50.00 (*nonrefundable*).

Refund Policy (only tuition is refundable/dates subject to change according to semester).

Cancelled Courses

Any course is subject to cancellation if enrollment is not sufficient. Students will be notified by phone/mail of course cancellation. All tuition and fees will be returned if the course is cancelled by the college.

Attendance Policy

A state regulated attendance policy is in effect for all UCC courses. The number of absences is restricted to (2) two excused absences in a 3 credit course, (3) three excused absences in a 4 credit course, (4) four excused absences in a 6 credit course, and (6) six excused absences in an 8 credit course.

Tuition Rebate

All students who successfully complete an approved UCC course are eligible for tuition reimbursement funded by the Department of Community Affairs. Percentage is determined by DCA. As of **10/2016**, the current reimbursement is **75%** which can be subject to change. When requesting tuition remission, each student must have a log number or an inspector's license number. A log number is assigned to you by the Licensing Unit when you file an application. You may obtain an application from the Licensing Unit by contacting 609-984-7834.

Licensing Examination

Students who have questions with the National Certification Program for Construction Code Inspectors (NCPCCI) should contact Experior (1-800-864-5309).

New Jersey Uniform Construction Code

The New Jersey State Uniform Construction Code requires candidates for licensure to complete specified educational programs. Licensing requirements are based on a combination of education, experience and tests.

Regulations for the Uniform Construction Code (NJAC 5:23-5.1(d)) have been adopted by the NJ Department of Community Affairs to ensure public safety, health and welfare insofar as they are affected by building construction. In order for the code to be enforced adequately and effectively, it has been determined that code officials need to have sufficient knowledge and competence to administer and interpret the code's standards. This is best achieved through the creation of an education and training program and the development of licensing requirements. The requirements for inspector licensing are specified for each of the four technical areas presently regulated by the Uniform Construction Code, which are:

- The Building Subcode**
- The Fire Protection Subcode**
- The Electrical Subcode**
- The Plumbing Subcode**

**Please call the N.J. Department of Community Affairs for
information on specific requirements or licensing
questions:
Education Unit (609) 984-7820
Licensing Unit (609) 984-7834**

BUILDING CODE TECHNOLOGY

UCC 119	Building Inspector RCS	6 Credits
UCC 121	Building Inspector ICS	6 Credits
UCC 220	Building Inspector HHS	4 Credits
UCC 109	Subcode Official	3 Credits
UCC 110	Construction Official	3 Credits
ARC 131	Construction Methods I	3 Credits
ARC 132	Construction Methods II	3 Credits
ENG 101	College Composition I	3 Credits
ENG 105	Technical Writing	<u>3 Credits</u>
		34 Credits

ELECTRICAL CODE TECHNOLOGY

UCC 130	Electrical Inspector ICS	4 Credits
UCC 230	Electrical Inspector HHS	4 Credits
UCC 109	Subcode Official	3 Credits
UCC 110	Construction Official	3 Credits
ARC 131	Construction Methods I	3 Credits
ARC 132	Construction Methods II	3 Credits
ENG 101	College Composition I	3 Credit
ENG 105	Technical Writing	<u>3 Credits</u>
		26 Credits

PLUMBING CODE TECHNOLOGY

UCC 151	Plumbing Inspector ICS	8 Credits
UCC 250	Plumbing Inspector HHS	4 Credits
UCC 109	Subcode Official	3 Credits
UCC 110	Construction Official	3 Credits
ARC 131	Construction Methods I	3 Credits
ARC 132	Construction Methods II	3 Credits
ENG 101	College Composition I	3 Credits
ENG 105	Technical Writing	<u>3 Credits</u>
		30 Credits

FIRE CODE TECHNOLOGY

UCC 140	Fire Protection Inspector ICS I	4 Credits
UCC 141	Fire Protection Inspector ICS II	4 Credits
UCC 240	Fire protection Inspector HHS	4 Credits
UCC 109	Subcode Official	3 Credits
UCC 110	Construction Official	3 Credits
ARC 131	Construction Methods I	3 Credits
ARC 132	Construction Methods II	3 Credits
ENG 101	College Composition I	3 Credits
ENG 105	Technical Writing	<u>3 Credits</u>
		30 Credits

UNIFORM CONSTRUCTION CODE COURSE DESCRIPTIONS

UCC 109 SUBCODE OFFICIAL 3 Credits

This course is designed to satisfy the official requirements for New Jersey State licensure as Uniform Construction Code Enforcement Subcode Official. The course covers in detail the administrative background and procedures of the office, the legal aspects of code enforcement, and related legislation.

UCC 110 CONSTRUCTION OFFICIAL 3 Credits

This course is designed to satisfy the educational requirements for licensure as Construction Official. It provides the back-ground of technical and administrative knowledge to effectively enforce the Uniform Construction Code at the local level. *Prerequisite: Grade of C or better in UCC 109*

UCC 119 BUILDING INSPECTOR RCS 6 Credits

This course is designed to satisfy the educational requirements for licensure as Building Inspector RCS. This course is based on The International Residential Code and International Building Code. It includes techniques for evaluating structural design and materials, plan review, basic fire protection requirements, and field inspection and reporting, as applied to Class III residential and small commercial structures. Reference is made to the New Jersey Uniform Construction Code.

UCC 121 BUILDING INSPECTOR ICS 6 Credits

This course is designed to satisfy the educational requirements for licensure as Building Inspector ICS. The course is based on the New Jersey Uniform Construction Code, International Building Code, International Mechanical Code, International Fuel Gas Code, and the International Energy Conservation Code. It includes techniques for evaluating structural, fire protection and mechanical systems, plans analysis, and field inspection and reporting as applied to industrial and commercial structures, Class II. *Prerequisite: Grade of "C" or better in UCC 119.*

UCC 130 ELECTRICAL INSPECTOR ICS 4 Credits

This course is designed to satisfy the educational requirements for licensure as Electrical Inspector ICS. The course covers the New Jersey Uniform Construction Code and the National Electrical Code, including all current additions. The course consists of 30 hours of instruction in systems design, and 30 hours of instruction in plan review and field inspection techniques.

UCC 140 FIRE PROTECTION INSPECTOR ICS Part I 4 Credits

This course is designed to satisfy the educational requirements for mastery of the Fire Protection Subcode for residential and small commercial structures. The course is based on the New Jersey Uniform Construction Code and the International Building Code. It covers techniques for plan review, materials testing, field inspection, and report writing. It is Part I of a two-part 120-hour course required for licensure as Fire Protection Inspector ICS.

UCC 141 FIRE PROTECTION INSPECTOR ICS Part II 4 Credits

This course covers techniques for plan review and field inspection of fire protection systems and electrical system. It is a detailed study of the NJ UCC and International Building Code, focusing on its relation to fire prevention. It is Part II of the 120-hour course required for licensure as Fire Protection Inspector. *Prerequisite: Grade of "C" or better in UCC 140.*

UCC 151 PLUMBING INSPECTOR ICS 8 Credits

This course is designed to satisfy the educational requirements for licensure as Plumbing Inspector ICS. The course is based on the New Jersey Uniform Construction Code applied to Class II and Class III structures and the National Standard Plumbing Code. It includes design, testing and analysis techniques for evaluating water service, distribution, and drainage systems; training in plan review and field inspection procedures; and a study of New Jersey public health requirements.

UCC 170 TECHNICAL ASSISTANT 3 Credits

This course is designed to satisfy the educational requirements for the state certification as a Technical Assistant within the Construction Code Offices in the State of NJ. This course provides a study for the oversight of a wide variety of matters related to the creation and maintenance of New Jersey's infrastructure, with respect to such issues as the building of safe structures (commercial, residential, high-hazard) and the maintenance and improvement of such structures through the issuance of permits, Certificates of Occupancy, violation notices, stop-work orders, and the like.

Essex County College West Essex Campus

For more information, call Ms. Drake
973-877-3175

Affirmative Action Policy Statement:

It is the policy of Essex County College not to discriminate on the basis of race, creed, color, religion, national origin, age, marital status, affectional or sexual orientation, disability, gender, liability for military service or any other category protected by applicable law.

This policy applies to all terms, conditions, and privileges of student enrollment, staff employment, and vocational opportunities. Further, the College confirms to all federal and state statutes, orders, regulations, guidelines, and amendments concerning equal opportunities.