

Construction & Electrical

Uniform Construction Code Program

Regulations of the New Jersey Uniform Construction Code require that candidates for licensure complete specified educational courses. The Division of Continuing Education at Camden County College has been approved by the New Jersey Department of Community Affairs (DCA) to offer these courses, which are conducted in accordance with N.J.A.C. 5:23-5.20. These courses are open to anyone with an interest in construction and mandatory for those desiring licensure.

Courses must be taken in their proper sequence (RCS-ICS-HHS). Individuals who are not yet licensed at the RCS level will not be licensed at the ICS or HHS levels until the lower license requirements are fulfilled. Licensing questions and licensing application packet requests should be directed to the Licensing Unit at (609) 984-7834 or you may e-mail at codeslicensing@dca.state.nj.us. It is recommended that you review this packet before you undertake the course. **Carefully review all state requirements for licensing and prior required job experience before registering for any course.** Refunds on courses cannot be issued for failure to review the necessary requirements for course completion and licensing. You must pass the national exam in order to obtain the license with the DCA.

Students are required to purchase all required textbooks including the Uniform Construction Code Act and Regulations (blue book). Books can be ordered from the Department of Community Affairs at 609-984-0040.

In addition, students may be eligible to apply for the tuition remission program; see your instructor for details and necessary paperwork.

ATTENTION STUDENTS – PLEASE NOTE THAT THE CLASSES BELOW REFLECT CURRICULUM AND HOUR MODIFICATIONS PER THE NEW REGULATION CHANGES ADOPTED BY THE DEPARTMENT OF COMMUNITY AFFAIRS.

Building Inspector RCS

This course is designed to provide students with fundamental knowledge and educational experience required by the State of New Jersey for licensure under the title. This course covers all of the code requirements, with the exception of plumbing and electrical, for one and two family homes and small commercial structures. Topics include structural design and analysis techniques, wood framing construction and foundations, material standard, field identification of requirements, inspection techniques, tools and methods, etc. 9.0 CEU

Blackwood Location

Cost: \$695 (Textbook additional charge)

CE.PRO 027-51 1/26 – 4/15

23 sessions T, R, 6-10 p.m.

Subcode Official

This course is designed to prepare inspectors to become subcode officials. The class will cover subcode administration, legal aspects of code enforcement, and related legislation. Specific topics will include procedures and forms for permit application, stop orders, emergency situations, condemnations, case records, warrants relocation, housing maintenance, and legal rights of landlords and tenants. 4.5 CEU

Blackwood Location

Cost: \$345 (Textbook additional charge)

CE.PRO 042-01 2/10 – 4/28

12 sessions W, 6-10 p.m.

Electrical Inspector HHS

Prerequisite: Electrical Inspector ICS

This course is designed to provide students with knowledge of advanced electrical systems design.

Students must complete the ICS course before undertaking this course. 4.5 CEU

Blackwood Location

Cost: \$345 (Textbook additional charge)

CE.PRO 046-51 1/25 – 5/3

15 sessions M, 6:30-9:30 p.m.



Building Inspector ICS

Prerequisite: Successful completion of the Building Inspector RCS course

This course is designed to provide students with knowledge on building code requirements for medium sized industrial and commercial structures. Topics covered will include building construction, foundation design, wood and steel frame construction, fire resistance rating, requirements for building subcode, testing materials, and uniform construction code. 7.5 CEU

Blackwood Location

Cost: \$585 (Textbook additional charge)

CE.PRO 031-51 2/1 – 4/7

19 sessions M, W, 6-10 p.m.

Construction Official

This course introduces inspectors and subcode officials to the role of the construction official. Topics will include office organization, purpose and fundamentals of code enforcement, procedures for processing cases, administrative hearings, records maintenance, and housing maintenance. 4.5 CEU

Blackwood Location

Cost: \$345 (Textbook additional charge)

CE.PRO 048-51 2/6 – 4/10

10 sessions S, 9 a.m.-1:30 p.m.

Building Inspector HHS

Prerequisite: Successful completion of the Building Inspector RCS and ICS courses

This course is designed to provide students with knowledge on advanced structural systems, advanced fire protection systems, and advanced mechanical systems. This course is part of the requirement for individuals to be certified in high hazard structures. 6.0 CEU

Blackwood Location

Cost: \$465 (Textbook additional charge)

CE.PRO 039-51 2/2 – 3/25

15 sessions T, R, 6-10 p.m.

Construction & Electrical

Technical Assistant

This course is designed to provide students with an overview of a wide variety of matters related to the creation and maintenance of New Jersey's infrastructure with respect to issues such as the building of safe structures, maintenance and improvement of structures through issuance of permits, Certificates of Occupancy, violation notices, and stop-work orders. Specific subject areas will include computers, construction blueprint reading, UCC law and administration, construction fundamentals and code requirements, and technical problem solving. 4.5 CEU

Blackwood Location

Cost: \$345 (Textbook additional charge)

CE.PRO 043-51 2/8 – 4/7

18 sessions M, W, 7-9:30 p.m.

Construction Project Job Scheduler

Job schedulers play an important role on the construction project team by coordinating the work of subcontractors and vendors and the delivery of materials to make sure the project is operating on schedule. Schedulers typically work full time for construction companies and construction management firms. This course will train those working in the construction area for administrative positions as job schedulers as part of the project management team.

Blackwood Location

Cost: \$399

CE.PRO 087-51 1/26 – 5/4

15 sessions T, 6:30 – 9:30 p.m.

Welder and Fitter Training – Basic Field and Maintenance Applications

This 40-hour hands-on course provides basic education and hands-on skills development in GMAW (Mig), GTAW (Tig), and SMAW (Stick) Welding. Topics include electrical principles, safety, Weld Parameters, demonstrations, GNAW, GTAW, and SMAW overview. Also covered is Fabrication, fitting, and basic print reading. Students will gain entry level skills (see AWS designations for Welder Skill Levels – Entry Level).

Course #: CE.WLD 001

Hours: 50

Cost: \$999.00

(Tuition \$299, Lab Fee \$450, Materials \$250)

CLASSES FORMING NOW!

Please see Web site for dates and times.
www.camdencc.edu/ce • 856-874-6004

Construction Management Certificate

This certificate program is designed for contractors, sub-contractors, construction workers, building and facility managers, architects, and others in the field of contracting who would like to develop their abilities and skills for effective management of construction projects.

The Construction Management Certificate program consists of five required courses, which will prepare you for the field of construction project management.

Program highlights:

- Learn how to successfully plan and schedule projects
- Learn how to finance a project and to give competitive estimates
- Learn how various building systems interact with each other
- Learn techniques to reduce risk, injury, and down time

The Certificate in Construction Management covers the following:

- **Project Management** – topics include site survey and engineering; building design; budget analysis; bid procedures; scheduling; change orders; and inspections.
- **Construction Methods and Materials** – topics include footings and foundations; concrete; wood and steel framing; masonry; roofing; prefabricated construction; solar and conventional heating systems; fire protection; radon; and construction codes.
- **Construction Contracts** – topics include legal requirements on public and private contracts; bonding obligations; contract provisions; liens; and dispute resolution.
- **Cost Estimating and Administration** – topics include budget estimates; contracts and contract extras; overhead and profit; escalation; and unit work.
- **Construction Site Safety** – topics include safety regulations and enforcement; risk reduction; Right to Know and Hazard Communication Standards. 4.8 CEU

Cost: \$429 (textbooks additional cost)

Blackwood Location

CE.PRO 044-51 2/3 – 5/5

14 sessions W, 6-9:30 p.m.

In-Home Energy Survey Professional

Prepare to become a home energy survey professional. This course presents concepts in Principles of Energy, Energy & Building Shell, Air Leakage, Insulation, Windows & Doors, Water Heating, Lights & Appliances and Health & Safety, Chapter 7 & Appendix A of the RESNET Standards. (Textbook required - Residential Energy by Krigger/Dorsi)

Instructor: R. James Del Grosso AIA, LEED AP

Cost: \$149

Cherry Hill Location

CE.ENR 155-41

2/2 – 2/11

4 sessions

T, R, 6-9 p.m.

Energy Auditing

Learn about performing energy audits for residential construction using a whole building system approach. Energy auditing will improve energy efficiency and can give the homeowner, architect or home builder the full benefit of various energy savings measures. Topics presented are approved by RESNET Standards. Instructor: R. James Del Grosso AIA, LEED AP

Cost: \$75

Cherry Hill Location

CE.ENR 156-41

3/2 – 3/4

2 sessions

T, R, 6-9 p.m.