CONTINUING EDUCATION SEMINARS

Many of the following seminars are available through the regular Spring 2020 education program, and some have been offered in previous semesters. Please select carefully, as credit will not be given for any seminar which has already been completed.

- ★ The Board of Electrical Contractors will award reciprocal credit for this seminar
- **P** Approval for reciprocal credit from the Board of Electrical Contractors is pending for this seminar
- **6** The Division of Fire Safety will award reciprocal credit for this seminar
- **V** Boiler, pressure vessel and refrigeration special inspector

ACADEMIES

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page	Dates
Permit Technician Academy 2-Day	A617	X										6	12	4/29- 4/30
2018 Residential Building and Mechanical Inspector B1 And M1 Certification- NJ Building Inspector RCS Test Academy 3-Day • NEW	D344		X					X					10	4/29-5/1
Fire/Life Safety Institute 3-Day • NEW	D302		X			X						6	10	4/29-5/1
2018 Mechanical Inspector M2 Certification Test Academy 3-Day • NEW	M121							X					10	4/29-5/1

WEDNESDAY, APRIL 29

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
The Code Official Playbook • NEW	A728	X										6	12
2018 IRC Essentials	D339		X			X						6	12

THURSDAY, APRIL 30

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Ethics In Public Life • NEW	A729	X										۵	13
Plan Review Using The 2018 IBC	D327		X			X						6	14
2018 IMC Design and Plan Review	D336		X			X	X	X			V	6	12
Common Fire Stop Issues • NEW	D351		X			X			X			6	12
Energy Code For UCC Subcodes - 2020 Update! • NEW	D352		X	P			X	X					13
Mixed Bag 3- Three Topics in Five Hours • NEW	E316			P									13
National Standard Plumbing Code (NSPC) Workshop • NEW	P259						X						13

FRIDAY, MAY 1

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	State Jurisdiction	Reciprocal with DFS	For details see page
Presentation Development • NEW	A730	X										6	15
Barrier Free 2020	D009	X	X									6	14
2018 IMC Combustion Air and Venting	D335		X			X	X	X			V	6	14
Watts Up - 2020 Update! • NEW	D354		X	P									15
NSPC Cross-Connection Control Administration for the Novice • NEW	D355						X	X					15
1 and 2-Family Plumbing and Mechanical Inspection Code Compliance. New Construction Rehab • NEW	D356						X	X					14
Residential Sprinklers: Homes to High Rise • NEW	D357	-				X	X		X			6	15

ACADEMIES

ALL TEST ACADEMIES LISTED BELOW WILL INCLUDE A TOKEN TO TAKE THE RELATED EXAMS VIA THE ICC'S PRONTO SYSTEM.

M121 NEW 2018 MECHANICAL INSPECTOR M2 CERTIFICATION TEST ACADEMY 3-DAY Instructor: International Code Council

Credit: mechanical

The M2 - Commercial Mechanical Inspector Certification Test Academy is designed to assist students with taking the M2 Commercial Mechanical Inspector certification exam. The test academy covers in detail the topics of the exam. Throughout the academy students will be given an opportunity to answer questions that reference the exam resources which include: 2018 International Mechanical Code and the 2018 International Fuel Gas Code. The Commercial Mechanical Inspector is responsible for performing inspections of mechanical systems installed in commercial applications and regulated by the International Mechanical Code. The inspector shall be capable of locating specific sections in the International Mechanical Code in order to interpret regulations and provide accurate information to applicants, contractors, property owners, and colleagues.

This test academy can also be used as a preparatory aid by NJ officials seeking the Building Inspector ICS, Plumbing Inspector ICS and/or the Mechanical Inspector 1&2 Family license. 1.5 CEU's

D344 NEW
2018 RESIDENTIAL
BUILDING AND
MECHANICAL INSPECTOR
B1 AND M1 CERTIFICATIONNJ BUILDING INSPECTOR
RCS TEST ACADEMY 3-DAY
Instructor: International Code
Council

Credit: building, mechanical

The B1 – Residential Building Inspector Certification Test Academy and the M1 – Residential Mechanical Inspector Certification Test Academy features expert instruction and includes interactive review exercises, practice exams, individual and group-based activities to help students prepare for the exam. Throughout the academy students will be given an opportunity to answer questions that reference the exam resources. 1.5 CEU's

D302 NEW & FIRE/LIFE SAFETY INSTITUTE 3-DAY Instructor: International Code Council

Credit: building, fire protection

This institute is based on the 2018 International Building Code, it presents in-depth coverage of fire and life safety concepts and the application of related code provision. The institute addresses critical topics to enhance participants' technical skills, deepen their understanding of the fire and life safety concepts behind the code provisions and gain the necessary knowledge and tools to apply the code effectively, efficiently and reasonably. The topics that are covered include building classification, fire protection and means of egress.1.5 CEU's

A617 **\(\)**PERMIT TECHNICIAN ACADEMY 2-DAY Instructor: International Code Council

Credit: administrative

This course is designed to assist you with taking the 14 Permit Technician certification exam. The test academy covers in detail the topics of the exam. Throughout the academy students will be given an opportunity to answer questions that reference the exam resources which include: 2018 International Building Code, 2018 International Zoning Code, Basic Code Enforcement, Legal Aspects of Code Administration, 2002 Edition, 1.0 CEU's

WEDNESDAY, APRIL 29

D339 **\(\)**2018 IRC ESSENTIALS Instructor: International Code Council

Credit: building, fire protection

This seminar examines basic concepts of the 2018 International Residential Code (IRC). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IRC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course also helps the code user to correctly locate code requirements. 0.5 CEU

A728 **NEW &**THE CODE OFFICIAL PLAYBOOK

Instructor: Dennis Pino, Nick Fabiano, Fritz Reuss

Credit: administrative

This seminar is a play-by-play overview

of agency operations and procedures. It expounds upon the many roles and responsibilities of Construction Officials, Subcode Officials and Technical Assistants. From ordinary maintenance to new construction; this seminar busts the myths, challenges misconceptions and provides the facts in a positive-proactive manner. Featuring the "counter of doom," where participants will analyze NJUCC regulations in action and take part in critical decision making and verification activities specifically produced to highlight UCC compliance; including rehabilitation subcode elements. 0.5 CEU

THURSDAY, APRIL 30

D336 & 2018 IMC DESIGN AND PLAN REVIEW Instructor: International Code Council

Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration

This seminar reviews and analyzes selected requirements for commercial design and plan review of mechanical systems. The seminar provides participants with a thorough understanding of key areas of the 2018 International Mechanical Code (IMC) and related standards. 0.5 CEU

D351 **NEW &**COMMON FIRE STOP ISSUES

Instructor: Halpert Life Safety Consulting

Credit: building, fire protection, multiple dwelling (housing)

This seminar addresses general firestop information including testing firestop, firestop submittals and nomenclature. Participants will discuss common problems found on site such

as continuity of rating, type X vs type C drywall, grommets and brackets, microducts and innerduct, tight annular space on plastic pipes, use of noncompatible materials on CPVC pipes and the liability all of this creates. 0.5 CEU

D352 NEW P M ENERGY CODE FOR UCC SUBCODES- 2020 UPDATE! Instructor: Dennis Pino, Nick Fabiano, Fritz Reuss

Credit: building, electrical, plumbing, mechanical

This seminar is a definitive breakdown of R-5 single-family energy code elements in the 2018 IRC. It is designed to promote positive change and provide a complete overview of energy efficiency elements with a detailed focus on assigned subcode responsibilities for both plan review and inspection. From permit application to certificate issuance, this seminar busts the myths, challenges misconceptions and provides facts. Included are permit and construction plan elements, compliance documentation, energy codes, code change, and an overview of the rehabilitation subcode energy elements, 0.5 CEU

A729 NEW & ETHICS IN PUBLIC LIFE Instructor: International Code Council

Credit: administrative

This seminar presents the historical development of ethical theory and its practical application for building officials. The consequences of poor ethical decisions are discussed and participants will have an opportunity to develop a personal code of ethics they can use when confronting ethical problems. 0.5 CEU

E316 NEW P M MIXED BAG 3-TREE TOPICS IN FIVE HOURS Instructor: Tom Pernal Electrical

Seminars, LLC Credit: electrical

This seminar presents a compilation of three topics. Participants will review IAEI motors, installation parameters for common wiring methods, and DCA adoptions to the 2017 NEC. These topics are useful for the purposes of installation, plan-review and inspection of a variety of occupancies. 0.5 CEU

P259 **NEW**NATIONAL STANDARD PLUMBING CODE (NSPC) WORKSHOP

Instructor: IAPMO
Credit: plumbing

This seminar provides participants with hands-on application of the National Standard Plumbing Code to an existing system. It examines how the NSPC sections inter-connect with each other and communicates the importance of implementing the NSPC when installing, repairing or inspecting plumbing systems. Participants will examine drawings of plumbing systems and installations for code violations in a cooperative and collaborative environment. Each drawing is designed to challenge attendees on parts of the code that are frequently misunderstood or in frequent violation. Attendees will work in groups during the workshop exercise and their findings, as well as those presented by the instructor, will be shared with the rest of the attendees for a robust learning experience. 0.5 CEU

D327 & PLAN REVIEW USING THE 2018 IBC Instructor: Jack Boekhout Consulting, LLC

Credit: building, fire protection

A building inspector's job encompasses
a variety of duties, including plan
review, inspection and working with
the public. One of the most important
parts of the job is plan review. This
seminar incorporates elements of plan
review, as well as provides suggestions
and charts to improve the plan review
process. Additional code compliance
explanations regarding changes in the
2018 IBC height and computations,
grade plane, etc. are covered. A plan
review checklist is provided. 0.5 CEU

FRIDAY, MAY 1

D356 **NEW**1 AND 2-FAMILY PLUMBING AND MECHANICAL INSPECTION CODE COMPLIANCE. NEW CONSTRUCTION REHAB Instructor: Fritz Reuss

Credit: plumbing, mechanical This seminar identifies and documents NJUCC required inspections for 1 and 2-family new construction and renovation projects in accordance with the 2018 NSPC, 2018 IRC NJ Edition, 2018 IECC and 2018 ISPSC. Specific "drill down" compliance involves responsibility breakout (NJUCC 3.4) materials and methods overview, rehabilitation code tie-in (repair, renovation, alteration and rehabilitation), minor work/ordinary maintenance and code adherence (as applicable) for various scope of work projects. Real situations, examples and photos are evaluated for specific code compliance to ensure proper plumbing and mechanical code enforcement and

compliance. Real inspection issues and solutions are discussed and analyzed. The course also addresses general, supplemental and new element compliance requirements per the NJUCC Rehabilitation Code, as applicable. 0.5 CEU

D335 **\(\)**2018 IMC COMBUSTION AIR AND VENTING Instructor: International Code Council

Credit: building, fire protection, plumbing, mechanical, boiler, pressure vessel and refrigeration

This seminar reviews and analyzes selected requirements for combustion air & venting systems. It summarize the purpose and content of combustion air and venting systems contained in the 2018 IMC and 2018 IFGC. In addition, this seminar describes the intent and application of combustion air and venting sections within the 2018 IMC and 2018 IFGC and explains the application of combustion air and venting sections within the 2018 IMC and 2018 IFGC through inspection, plan review and enforcement. 0.5 CEU

D009 & BARRIER FREE 2020 Instructor: Jack Boekhout Consulting, LLC

Credit: administrative, building
ONE TIME mandatory requirement for
NJ Building Inspectors.

This course reviews each of the amendments to the NJ Barrier Free Subcode, including the revisions to access requirements for multi-family residences and the C.O.A.H. (now known as Low and Moderate Income Housing) requirements for townhouses. Provisions of the revised Barrier Free Subcode that provide compliance with Federal Americans with Disabilities Act

regulations are also covered. Emphasis is placed on ensuring that code officials understand where their enforcement authority lies and also on showing where in Subchapter 7, IBC Chapter 11 and ICC/ANSI A117.1 standard the provisions and requirements of the Barrier Free Subcode can be found, including the Low and Moderate Income Housing rules. 0.5 CEU

D355 NEW NSPC CROSSCONNECTION CONTROL ADMINISTRATION FOR THE NOVICE Instructor: IAPMO

Credit: plumbing, mechanical
Cross-connection control provides
assurances that the public drinking
water supply does not become
contaminated by chemicals and other
contaminants that can cause illness
or death. This course discusses what
governs this important aspect of the
plumbing industry and formulates a
plan to prevent cross-connection.
Topics addressed are cross-connection
control and the Federal and State
government regulations that govern
safe drinking water. 0.5 CEU

A730 NEW 6 PRESENTATION DEVELOPMENT

Instructor: Tom Pernal Electrical Seminars, LLC

Credit: administrative

This training covers and expands on the numerous resources available for development and/or improvement of presentations for trainers. A variety of applications and their options are demonstrated, offering instructors a multitude of options to develop their presentations for face-to-face or on the web. 0.5 CEU

D357 **NEW (**RESIDENTIAL SPRINKLERS: HOMES TO HIGH RISE

Instructor: Fire Smarts, LLC
Credit: fire protection, plumbing,
multiple dwelling (housing)
The protection of residential
occupancies is unique with its distinct
requirements for the use and location

occupancies is unique with its distinct requirements for the use and location of sprinklers. Systems installed in accordance with NFPA 13D Standard for the Installation of Sprinkler Systems in One- and Two-Family **Dwellings and Manufactured Homes** and 13R Standard for the Installation of Sprinklers in Low-Rise Residential Occupancies are largely life safety in their purpose while those installed in dwelling units as allowed by NFPA 13 Standard for the Installation of Sprinkler Systems are a part of a larger protection scenario. This seminar examines the requirements for each document and the desired protection objectives. The content is based on NFPA 13, 13R, and 13D.0.5 CEU

D354 NEW P WATTS UP- 2020 UPDATE! Instructor: Dennis Pino, Nick Fabiano, Don Clare

Credit: building, electrical From plan-review of concrete encased electrodes to the final electrical inspection checking energy efficient lamp counts, this seminar bridges the transitional gaps between the NEC 2017, IRC 2018 and Uniform Construction Code. A comprehensive breakdown of UCC assigned Electrical and Building Subcode responsibilities for plan review and inspection of one and two family dwellings is presented. Existing codes, code changes and commentary are reviewed in a positive and interactive manner, including: rehabilitation subcode amendments, minor work and ordinary maintenance elements, 0.5 CEU