



Buildings Systems Commissioning Technician

(CxCT) Seminar

April 19-21, 2027

Oklahoma City, Oklahoma

18

APPROVED CECs

WHO SHOULD ATTEND

- Entry-level professionals who are interested in advancing their knowledge of the technical commissioning test procedures required to effectively commission HVAC and control systems
- Professionals seeking to enhance their knowledge of technical testing and troubleshooting of building systems and their associated controls
- Experienced commissioners seeking to enhance their knowledge of building systems

SEMINAR LOCATION

ES2 - Engineered Systems & Energy Solutions, Inc.
13401 N Santa Fe Ave
Oklahoma City, OK 73114

REGISTER BY

March 19, 2027

Meet Your Instructors

CxCT / April 19-21, 2027

Curtis Anthony

Senior Associate, Newcomb & Boyd

Curtis Anthony is a Senior Associate at Newcomb & Boyd Consultants and Engineers. He has more than 30 years of experience in Mechanical Construction, TAB, Building Systems Commissioning, and specialized containment disciplines. Curtis began his own firm in 1992 - 2020, TAB/ Optimum Energy Solutions, Inc. Curtis has an array of experience in various building types, including healthcare and Biosafety laboratory facilities. Curtis has been a member of the Commissioning Committee since 2013 and was instrumental in the development of various handbooks and Standards, including the 2019 S110 and S120 standards. NEBB Certified Professional Credentials include TAB, Cx, RCx, FHT, S&V, and is an Advanced NSF accredited certifier of Class 2 Bio Safety Cabinets.

Bill Kinser

President & CEO, ES2

Bill Kinser is the President and CEO of ES2 a building automation, Cx, and TAB Company. He is a registered professional engineer who provides mechanical design-build services. Bill has held multiple NEBB certifications for over 20 years. His entire 32-year career has been in commercial construction and the HVAC industry.

About The Seminar

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This seminar introduces technical commissioning and retrocommissioning procedures in NEBB Standards S110 and S120. New and mid-level construction professionals learn system testing through demonstrations and hands-on training.

18 Approved Continuing Education Credits

Learning Objectives

- Fundamental knowledge of building systems commissioning
- Understanding of performing Pre-Functional and Functional Tests
- Air and Water System troubleshooting
- Handling report preparation
- Evaluating existing systems and determining corrective actions
- Adherence to the overall safety plan
- Maintaining instruments and calibration program
- Knowledge in evaluating HVAC and control systems
- Understanding testing control systems

The goal of this seminar is to provide the knowledge for individuals to become successful technicians working under a NEBB Certified Professional and encouraged the pursuit of Cx Technician certification. Those attending should have a base knowledge of commissioning work.

Seminar & Exam Agenda

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Monday, April 19

7 CECs

Lunch provided

7:30 am	Registration
8:00 am - 12:00 pm	NEBB overview, Commissioning Procedural Standards, Quality Assurance Program, and technician roles and responsibilities
1:00 pm - 5:00 pm	Hands-on training: TAB verification, data logging, sensor and device checks

Tuesday, April 20

7 CECs

Lunch provided

8:00 am - 12:00 pm	Hands-on control systems training: building automation systems, point-to-point verification, graphics and commissioning BAS
1:00 pm - 5:00 pm	Pre-Functional Testing, Functional Testing, commissioning reporting and documentation

Wednesday, April 21

4 CECs

Lunch not provided

8:00 am - 12:00 pm	Seminar wrap-up, review and Q&A
1:30 pm	Optional Exam

Travel & Location

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Review travel arrangements before registering. Hotel and transportation costs are not included in the seminar registration fee.

Seminar Location

ES2 - Engineered Systems &
Energy Solutions, Inc.
13401 N Santa Fe Ave
Oklahoma City, OK 73114

Key Dates

Arrival: Sunday, April 18, 2027

Seminar: April 19-21, 2027

Optional Written Exam:
Wednesday, April 21, 2027

Airports

Will Rogers International (OKC)
17 miles / about 25 minutes
Average taxi fare: \$35

Wiley Post (PWA)
13 miles / about 20 minutes
Average taxi fare: \$30

Nearby Hotels

Reserve directly with your chosen hotel.

Four Points by Sheraton

Oklahoma City Quail Springs
3117 NW 137th St
Oklahoma City, OK 73134

Hilton Garden Inn

Oklahoma City North Quail Springs
3201 NW 137th St
Oklahoma City, OK 73134

Staybridge Suites by IHG

Oklahoma City Quail Springs
2740 NW 138th St
Oklahoma City, OK 73134

Registration & Fees

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REGISTRATION DEADLINE

March 19, 2027

Registration and payment must reach NEBB by the deadline. Pre-registration and payment are required. Registrations are first come, first served.

Register Online

- 1. Log into your [Certelligence portal](#)
- 2. Scroll to “My Events”
- 3. Select the seminar and register

\$1,600

Instruction, breaks and lunch as scheduled.
Candidacy and exam fees are separate.

Publication Fees

PUBLICATION	NEBB / NON-NEBB
ANSI/NEBB S110-2019, 2nd edition Whole Building Technical Commissioning of New Construction	\$150
ANSI/NEBB S120-2019, 3rd edition Technical Retro-Commissioning of Existing Buildings	\$150
Handbook for Energy & Water Calculations Includes CD with energy calculations	\$150 / \$200
Environmental Systems Technology	\$200 / \$250
NEBB Commissioning Handbook	\$90 / \$150

Before You Attend

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Recommended Publication

Review these publications before the seminar. The instructor expects attendees to understand their requirements. Publications are available at www.nebb.org.

- NEBB Fundamental Formulas
- Commissioning Technicians Handbook (2015)
- ANSI/NEBB S110-2019, 2nd edition: Whole Building Technical Commissioning of New Construction
- ANSI/NEBB S210-2019, 3rd edition: Technical Retro-Commissioning of Existing Buildings
- NEBB Procedural Standards for Testing, Adjusting and Balancing of Environmental Systems
- Environmental Systems Technology
- [Honey Engineering Manual of Automatic Control of Commercial Buildings](#)

Optional Exam

If you are interested in testing after the seminar, please email candidacy@nebb.org for the candidacy application material. Pre-approval and payment are required before March 19, 2027.

Cancellation Policy

Cancellation by registrants, regardless of reason, will be subject to a \$250 service charge to cover NEBB's expenses. A refund of the prepaid registration will be made less the \$250 service charge. No Shows or late cancellations (those who registered for the seminar who do not cancel at least 14 days prior to the seminar and subsequently do not attend the course) will forfeit the entire registration fee unless a replacement can be found. NEBB reserves the right to cancel any seminars having insufficient registrants, in which case, all prepaid registration fees will be refunded in full. Please advise NEBB and your hotel of your cancellation as soon as possible.