

NEW LATEST IBC/IFC and CBC/CFC and NFPA 72 and ASME CODES UPDATES FOR: Two-Way Emergency Communications Systems (ECS) and Emergency Responder Communications Enhancement Systems (ERCES)

Virtual Live Training Via Zoom - This is a 8-Hour ICC certified Training divided into TWO sessions:
Session 1 (4 hours): Thursday, December 11, 2025 8:00am-12:00pm (Pacific Standard Time)
Session 2 (4 hours): Friday, December 12, 2025 8:00am-12:00pm (Pacific Standard Time)

Each participant will receive a PDF copy of the class slides prior to taking the class.

Each participant will receive a CEU certificate upon completing both class sessions

The class is certified by ICC for 8 hours (0.8 ICC CEUs)

The class will start at 8:00am each day. The course will start at 8:00am each day. There will be two 15 minutes breaks during each session and an unlimited Q&A session on each day starting at 12:00PM.

Cost:

General Public— \$400

Active AHJ —\$350

The class is targeted for:

Fire Alarm, 2-WAY ECS and Life-Safety Systems Designers, Engineers and Technicians, Electrical and General Contractors, ERCES, DAS and Public Safety and GROL personnel, AHJs (Building, Electrical and Fire Plan Reviewers and Inspectors), Architects, Engineers, and anyone interested in Life-Safety Codes and Emergency Communications Systems

The NEW 2024 IBC/IFC and the 2025 CBC/CFC will become effective in CA on 1/1/2026. These Codes includes many significant changes regarding ECS and ERCES which will be discussed and clarified in this class. The referenced standards for these systems which will also become effective in CA on 1/1/2026 are NFPA 72-2025 (ECS) and NFPA 1225-2022 (ERCES). Also, the National Elevator Code 2022 **ASME A17.1** includes new requirements for Radio Coverage for Elevators. The design, installation and enforcement requirements for these systems will be discussed and clarified in this class.

CLASS OVERVIEW - There will be UNLIMITED Q&A Live Sessions at the end of each training day

- This class will focus on the NEW requirements for In-buildings Two-Way Emergency Communications Systems (ECS) and ERCES which are specified by IBC/CBC/IFC/CFC to be provided in specific occupancies and buildings. This class will discuss ALL types of ECS and will clarify where these systems are required to be installed.
- NFPA 72-2025 includes NEW UL listing requirements (UL 2525) for Area of Refuge (AOR), Stairway, Elevator Landing, and Occupant Evacuation Elevator Lobbies ECS. NFPA 72-2025 includes NEW pathway survivability requirements for ECS with a NEW Pathway survivability (Level 4) . The CFC-2025 includes specific listing requirement (UL2524) for all new ERCES equipment which will be discussed and clarified,
- IFC/CFC, NFPA 72 and NFPA 1225 includes new requirements for ERCES monitoring and critical areas coverage. The 2025 CBC includes new requirements for 2-Way ECS in locked elevator lobbies in High-Rise buildings to be controlled from an Off-Site location - This specific CA requirement will be discussed and clarified.
- Leaky-Coax cables provisions in Elevator Hoistways to serve ERCES are included in the 2022 National Elevator Code (A17.1) and they will be discussed and clarified including a specific variance required in CA.

Monitoring-For-Integrity Requirements and supervision of ECS and ERCES by the Building FA System or by a dedicated function(s) fire alarm control unit where a building FA system is not installed will be clarified.

NEW Pathway Survivability requirements per NFPA 72 Ch. 12 (Levels 0-4) based on Type of construction and Fire Rating, including new available and listed 2-HR Coaxial Cables per UL 2196 and associated CI & CIC listing. **NEW IBC/CBC-2025 Chapter 30 Requirements for Elevator Live-Video Communication System based on A17.1-2022 and Elevator Car Phones - 60 feet rule will be discussed and clarified per DOSH requirements.**

The Class will include an UNLIMITED Questions & Answers Session at the end of each day starting at 12:00PM to discuss the class material and any other associated questions.

The ICC certificate will be provided to each participant who has completed both sessions.



ICC Course No 19707

Approved for 8 Hrs - 0.8 ICC-CEUs

OFFERED BY:



Instructor: Sagiv Weiss-Ishai, P.E., Fire Protection Engineer
Principal member - NFPA 72 SIG-PRO Technical Committee
Contributing member - ASME A17.1 Emergency Operation Technical Committee
Contributing member - ASME A17.1 Hoistway Technical Committee
CA State - AHJ member on the CSFM Fire Alarm Code Advisory Committee CA
State - Past AHJ member on the BFO advisory committee for the CBSC