

All hours shown are Minimum Requirements.
Course hours do NOT include Exams, Practical Exercises, or Range Qualification.
Topics in plain text are suggestions only.
Bold text is mandated in the Regulations.

ELECTRONIC SECURITY TECHNICIAN (35E)

10 Hours

I. Duties and responsibilities

- A. Introduction
- B. Skills and Requirements
- C. Role of the Electronic Security Technician
- D. Ethics, Conduct and Liability
- E. Providing Instruction on Use and Testing of System
- F. Prevention of False Alarms through Proper Installation and Maintenance

II. Electronics

- A. Technical Terms and Definitions
- B. Electricity
- C. Electronic Components
- D. Ohms Law
- E. Electronic Circuits
- F. Power Sources
- G. Transformers
- H. Additional Basic Principles

III. Control panels

- A. Use and Types
- B. General Features
- C. Location
- D. Connection to Telephone Lines
- E. Interfaces
- F. Installation Standards

All hours shown are Minimum Requirements.
Course hours do NOT include Exams, Practical Exercises, or Range Qualification.
Topics in plain text are suggestions only.
Bold text is mandated in the Regulations.

IV. Protection devices and application

- A. Intrusion
- B. Access
- C. Surveillance
- D. Other Equipment and Devices

V. Test equipment

- A. Volt Ohm Meter
- B. Telephone Butt Sets
- C. Other Available Testing Practices and Equipment

VI. Power and grounding

- A. Power
 - 1. Sources
 - 2. Requirements
- B. Grounding
 - 1. National Electrical Code 250
 - 2. Types of Grounds
 - 3. Requirements

VII. National electrical code

VIII. Job safety

- A. Technician Safety
- B. Safe Use of Tools and Equipment
- C. OSHA Requirements

IX. Written examination