



COURSE CATALOG

Fall 2020



ADI Global Academy Course Descriptions

Access Control



Included in Library Subscription!

6 Hours

Approved for state licensing CEUs in: LA, MS, NJ, and TN.

NC - Courses 2, 4 & 6.

SD - Course 6.

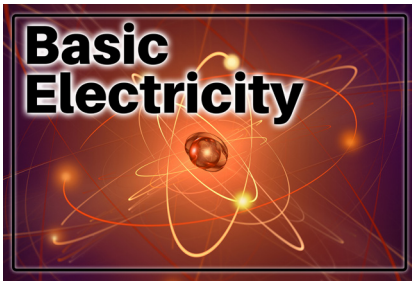
UT - Course 1

Access Control Specialist Level I (ACS) Series

The Access Control Specialist Level One course is the industry's standard for understanding the basics of access control. The series is divided into six courses that cover everything from the basic overview and history of access control systems up to modern day biometric and smartcard applications.

- Course 1: Access Control Overview
- Course 2: Credentials
- Course 3: Binary and Card Data Formats
- Course 4: Smartcards
- Course 5: Biometrics
- Course 6: IP Convergence and CCTV Integration

Basic Courses



Included in Library Subscription!

1 Hour

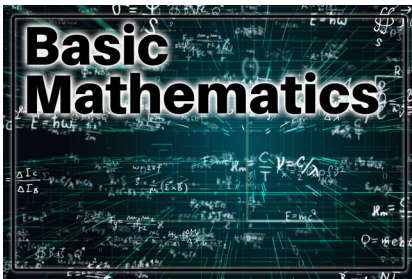
Approved for state licensing CEUs in: LA, MS, NJ, SD and TN.

Basic Electricity for the Low-voltage Industry

The Basic Electricity course is designed to prepare you for all of the basic electrical skills needed in the low-voltage industry. It is important for you to be familiar with the essentials of electricity and its uses. This course provides an extensive review of electrical theory and circuit types, as well as related formulas, calculations and conversions.

This course will cover the following topics:

- Ionization / Polarity
- Atoms
- Electrons
- Frequency
- Voltage
- Current
- Resistance
- Circuits



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1 Hour

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Basic Mathematics

The Basic Mathematics course is designed to prepare you for the basic math skills needed in the security industry. It is important that you be able to convert decimal feet and inches to fractional feet and inches and vice versa. Other vital skills this course covers are calculating length, area, volume and temperature. It also discusses the equations used in scientific and engineering notation, as well as how to calculate gain and loss using decimals.

This course will cover the following topics:

- Calculating Percentages
- Converting Fractions and Decimals
- Calculating Areas
- Calculating Volumes
- Scientific and Engineering Notation
- Decibels
- Interpreting Graphs
- Geometric Equations



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1 Hour
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CEUs in: LA, MS, NC, NJ, SD
and TN.

Basic First Aid

The Basic First Aid course is designed to prepare you for the inevitable emergency situations that arise during your career. It is important that you be prepared to administer first aid when the need presents itself. This course includes the Heimlich maneuver, stroke, hyperthermia, moving injured victims, and a variety of stabilization techniques.

This course will cover the following topics:

- Emergency Guidelines
- Scene Safety
- Victim Assessment
- Spinal Injuries
- Shock
- Burns
- Hyperthermia
- Excessive Bleeding
- Stroke
- Heimlich Maneuver
- CPR



Included in Library Subscription!

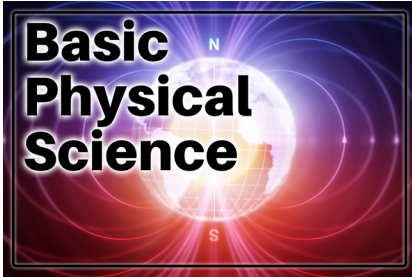
1 Hour
Approved for state licensing
CEUs in: LA, MS, SD and TN.

Basic Individual Safety

The Basic Individual Safety course is designed to prepare you for basic individual safety skills that should be practiced on a daily basis when working on the job site. You should be able to identify and mitigate hazardous work conditions in an on-site environment. Additionally, it is vital to wear protective clothing to create a safe working environment as established by OSHA requirements.

This course will cover the following topics:

- OSHA
- Hazardous Conditions
- Injuries
- Fire Stages
- Ladders and Scaffolding
- Confined Spaces
- Hazardous Materials
- Protective Clothing



Included in Library Subscription!

1 Hour
Approved for state licensing
CEUs in: LA, MS and TN.

Basic Physical Science

The Basic Physical Science course will cover four branches of physical science: Chemistry, Electricity, Heat and Mechanics and how they apply to the security industry.

This course will cover the following topics:

- Matter
- Volume
- Density
- Thermal Energy
- Conduction/Convection
- Electricity
- Current and Voltage
- Magnetism and Polarity
- Mechanical Energy / Kinetics
- Fluid Mechanics

Basic Fire



Included in Library Subscription!

6 Hours

Approved for state licensing
CEUs in: LA, MS, NJ, and TN.
SD - Courses 1, 3, 4, 5 & 6.

Basic Fire Level I

The Basic Fire Alarm Level I series covers the planning, installation and maintenance of fire alarm systems.

This series is comprised of the following courses:

- Course 1: Fire Alarm System Overview
- Course 2: Fire Alarm Codes and Standards
- Course 3: Interpreting the National Fire Alarm Code
- Course 4: Fire Alarm Installation Techniques
- Course 5: Fire Alarm System Devices
- Course 6: Fire Alarm System Wiring Methods



Included in Library Subscription!

8 Hours

Approved for state licensing
CEUs in: LA, MS, and TN.
NJ - 1, 2, 3, 4, 5, 7, 8
SD - Courses 1, 2, 3, 4, 5 & 8.

Basic Fire Level II

The Basic Fire Alarm Level II series covers some of the more complex aspects of planning, installation, maintenance, testing and troubleshooting of fire alarm systems.

This series is comprised of the following courses:

- Course 1: Fire Alarm System Occupancy Classifications
- Course 2: Fire Alarm System Plans and Drawings
- Course 3: Fire Alarm System Site Conditions
- Course 4: Fire Alarm System Installations
- Course 5: Fire Alarm System Basic Electricity and Power Supplies
- Course 6: Fire Alarm System Commissioning and Testing
- Course 7: Fire Alarm System Startup and Programming
- Course 8: Fire Alarm System Troubleshooting

Business Skills



Included in Library Subscription!

3 Hours

**Approved for state licensing
CEUs in: LA, MS, NJ and TN.**

Customer Service in the Security Industry

Everybody who deals with customers becomes the face of the organization to the end user. It is critical that all employees have the basic skills necessary to professionally communicate with customers regardless of the situation. This course goes through the basics of communicating with users, making customers feel positive about the interactions and dealing with difficult circumstances.

- Module 1: Communications
- Module 2: Enhanced Customer Service Skills
- Module 3: Handling Difficult Customer Situations



Included in Library Subscription!

4 Hours

**Approved for state licensing
CEUs in: LA, MS, NJ and TN.
Approved in NC for 3 CEUs.**

Sales in the Security Industry

This course was developed specifically for sales professionals in the security industry. The concept of the sales cycle is simple to understand, but the nuances of making it work effectively on a consistent basis can be elusive. We discuss tried and true methods along with best practices to make your sales efforts more productive. Even seasoned sales professionals will come away with strategies to improve their results. The (4) one-hour modules include:

Prepare, Present, Propose and Process.

- Sales vs. Marketing
- New Product Introductions
- Opening a Discussion
- Understanding the Customer's Needs
- Handling Objections
- Competitive Presentations
- Strategic Selling
- Selling a Relationship
- Closing the Sale
- Maintaining the Relationship

Cyber Security



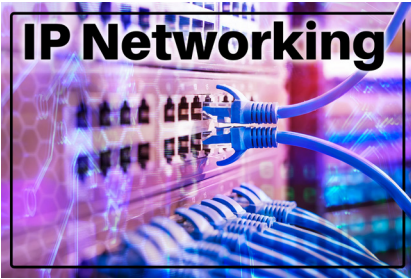
2 Hours

Introduction to Cyber Security

The world of interconnected computing devices surrounds us today and will continue to influence almost everything in our lives. Initially TCP/IP wasn't designed with security in mind and only after vulnerabilities were discovered did the field of computer security develop. The term cyber could be used for many things but today it is accepted as any information in a digital data form. Hence Cyber Security is about protecting that digital data from the many dangers that can destroy it.

- Elements of Cyber Security
- Risks Involved
- Threats to Computer Systems
- Defensive Strategies
- System Access, Authorization & Accounting
- Protocols and How they Work
- Encryption
- Protocols and the Tools to Measure Them
- Best Practices in Cyber Security

IP Networking



Included in Library Subscription!

5 Hours

**Approved for state licensing
CEUs in: LA, MS, NJ, and TN.**

NC - Courses 2 & 4.

SD - Courses 1 & 4.

IP Networking for Security Series

IP Networking can be complex and confusing. The use of acronyms and an ever-changing landscape certainly does not make it any easier to learn and understand. In this series, we start with the very basics and work our way toward the more complex aspects of IP Networks. The series focuses on elements that a security professional will likely encounter and is written from a security perspective. Even those with a good understanding of the technology will benefit from this series.

- Course 1: Basic Networking
- Course 2: Common Network Protocols
- Course 3: Network Transmission Mediums
- Course 4: Network Hardware
- Course 5: Network Administration and Security

IP Video



Included in Library Subscription!

9 Hours

**Approved for state licensing
CEUs in: LA, MS, NJ, and TN.**

NC - Courses 1, 3, 5, 7 & 9.

SD - Courses 1, 2, 7, 8 & 9.

IP Video

The IP Video certification is a comprehensive series of 9 modules that will teach you everything you need to know about today's advanced Video Surveillance Systems. Covering everything from basic system components and design, to equipment selection, installation, and integration with existing analog systems, IP Video will put you on the cutting edge of the field.

- Course 1: IP Video Overview
- Course 2: IP Video Basic Networking
- Course 3: Compression and Transmitting Video over the Network
- Course 4: IP Cameras
- Course 5: Lenses and Lighting
- Course 6: Digital Video Monitors and Storage Devices
- Course 7: Software Applications
- Course 8: IP Video Integration
- Course 9: Legal Issues

Perimeter Security



Included in Library Subscription!

1 Hour

Perimeter Security Level 1

Perimeter security and detection requires knowing not only what devices to use, but also how best to manage their placement to maximize their effect while maintaining affordability. This course is the first in the perimeter detection series. It defines perimeter detection, identifies the key devices and walks through the basic strategy for deploying a system in both residential and commercial applications.

- Physical barriers
- Intrusion detection systems protecting perimeter barriers
- Perimeter sensor technology
- Advantages and limitations of various perimeter sensor technologies
- Choosing the right combination of technologies for building type and end-user application (both residential and commercial)

Structured Wiring



Included in Library Subscription!

6 hours

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TN.**

Structured Wiring and Termination Technician (SWATT)

The SWATT Certification is a 5 module, 6 hour course and teaches you everything you need to know about planning, running and terminating structured wiring. The course covers network cabling and their various termination standards. The course also covers phone cabling and punchdown blocks, coaxial cabling as well as tools required to finish the job.

Included in this series:

- Module 1 - Architecture
- Module 2 - Components and Tools
- Module 3 - Installations
- Module 4 - Terminations
- Module 5 - Testing and Documentation

Troubleshooting



Included in Library Subscription!

4 Hours

**Approved for state licensing
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TN.**

NC - Courses 2 & 4.

Troubleshooting Series

The Troubleshooting Series is designed specifically to address the needs of the technician in the field. The courses begin with the basics of electricity and circuits and move on to general troubleshooting techniques and tools that every technician in the field should be familiar with, regardless of the type of system they install. The courses then progress to specific topics and speak directly to the nuances, tools and techniques particular to that topic.

Included in this series:

- Course 1: Troubleshooting: Basic Electricity and Circuits
- Course 2: Troubleshooting: Basic Tools and Techniques
- Course 3: Troubleshooting: IP Networks
- Course 4: Troubleshooting Wireless Systems

Wireless Technologies



Included in Library Subscription!

3 Hours

**Approved for state licensing
CEUs in: MS, NC, NJ and TN.
SD - Course 3**

Wireless Technologies Series

The Wireless Technologies courses are an in-depth series that provides a detailed look at the advantages and challenges presented by the installation of wireless alarm systems. The components include instruction on wireless devices, a look at wireless standards, and troubleshooting techniques to use with wireless systems.

The Wireless Technologies series is composed of three high-quality courses:

- Course 1: Wireless Components and Physics
- Course 2: Wireless Standards
- Course 3: Troubleshooting Wireless Systems