



# AUTOMATED GATE SYSTEMS DESIGNER CERTIFICATION

INSTITUTE OF DOOR DEALER  
EDUCATION AND ACCREDITATION

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## *Show them that you are the best choice through Automated Gate Systems Designer Certification*

In today's security-conscious world, the market favors consumers. Homeowners and property managers have many choices to meet their automated gate systems needs, and cost is rarely the most important consideration. When it comes to high-end automated gate systems, the most important factor in most cases is the qualifications and superior performance of the dealer and installers.

The IDEA Automated Gate Systems Designer Certification program has been developed to enable professional, highly qualified dealers to identify themselves to their customers and business prospects. The demand for credentialed contractors throughout the construction industry has emerged as one of the most effective means of documenting high standards and having been validated by an independent third-party organization, recognized throughout the gate systems industry.

Created by a coalition of industry leaders from the International Door Association, the Door and Access Systems Manufacturers Association, and administered by the Institute of Door Dealer Education and Accreditation (IDEA), the Automated Gate Systems Designer Certification program aims to recognize those in the industry who have an exceptional level of expertise. By earning this certification, customers can have confidence that their automated gate system will be designed to meet codes and standards for safety, maximize security and provide the highest level of customer satisfaction.



## Eligible gate system designers are those who:

If you are a professional who accepts nothing but the best for your customers, this certification is an invaluable tool in your sales and marketing. It shows your customers that you have the knowledge and expertise to successfully pass a comprehensive examination to document your exceptional level of knowledge.

Eligibility is open to automated gate systems designers who have a minimum of two years experience in the discipline.

Certification is awarded after the candidate has met the experience requirement, registered with IDEA and passed the 100-question written examination.

## Maintaining Certification...

Automated Gate Systems Designer Certification is valid for three years, beginning with the effective date assigned by IDEA after the program requirements have been met. In order to maintain certification, each credentialed gate systems designer must earn 12 hours of Continuing Education credits during the three year period. CE credits can be earned through the American Fence Association, its chapters and other industry-sponsored educational programs and courses. IDEA will provide additional information as programs become available. On-line training is also being developed.

## Preparing for Examination Through a Unique and Thorough Course of Study

IDEA has created a comprehensive curriculum for the Gate Systems Designer Certification program. This course of study is designed to both measure and enhance expertise.

### Introduction

- Why is all this worth your time and energy?
- Industry Organizations
- IDEA Programs and Services

### Types of Gates

- Slide Gates
- Cantilever Slide Gates
- Commercial Type II
- Rolling/V-Track Gate
- Swing Gates
- Vertical Lift Gates
- Vertical Pivot Gates

### Introduction to ASTM F2200 and M.U.T.C.D.

- F-2200 History
- Vehicular Gates
- M.U.T.C.D. - Manual on Uniform Traffic Control Devices for Streets and Highways

### Types of Operators

- Application Considerations
- Gate Operator Drive System Types
- Slide Gate Operators
- Swing Gate Operators

### UL 325

- Who is Underwriters Laboratories?
- Codes Referencing UL 325 and ASTM F2200
- Manufacturer Compliance with UL 325 Standards
- Adherence to UL 325
- Current General Entrapment Protection Provisions
- Entrapment Detection Devices
- UL 325 Standard after January 2016
- What Happens When an Entrapment Device is Activated?
- Installation of Warning Signs

### Electrical Wiring 101

- What You Need to Know About Wire
- Junction Boxes
- Specifications for Electrical Contractor
- Power Types
- Surge Suppression

### Access Control Devices

- Placement of Access Control equipment
- Access Control Device Types
- How Devices Communicate
- Card Access Systems
- Access Control Device Terminology

### Vehicular Detection Systems

- Basic Vehicle Detector Theory
- Vehicle Detector Loops
- Detection Probe Sensor Technologies
- Camera Traffic Control

### Failure Options

- Power Fail Options
- Battery Backup Systems
- Convenience Open Options
- Emergency Responder Access
- Heater Option
- Equipment Protection

### High Security Installations

- Sallyport/Entry Control Points
- Lock Installation/Terminology
- Impact Resistant Vehicle Barriers
- Tiger Teeth

### Site Considerations

- Getting Started
- Understand the Customer Needs
- Site Specific Information
- How the System Will Be Used
- You Are the System Designer
- Specific Points the System Designer Must Consider

# How the Program Works:

Certification is earned by completing all of the steps and meeting the eligibility criteria established by the IDEA Board of Directors.

- ◆ The first step is to complete an application for Automated Gate Systems Designer Certification and return it to IDEA . There is a \$200 fee which includes a Study Guide for the examination, testing, and three years of certification, which begins after the criteria have been met. To register, complete the enclosed application, or visit **[www.dooreducation.com](http://www.dooreducation.com)** to register electronically.
- ◆ Upon receiving the application, IDEA will provide the Self Study Guide on which the written examination is based. The applicant may take as much time as necessary to learn all of the information contained within the Study Guide before taking the examination. Although applicants are free to share their Study Guide with other individuals within their company, the testing and certification is limited to the applicant. Others within the company who wish to earn the certification must individually complete each of the steps.
- ◆ The employing company must provide documentation that the applicant has two or more years field experience. If the applicant is the owner of the company, the documentation must show the business has operated continuously for two or more years.

## Who should attend?

This course is primarily intended for individuals selling or specifying automated gate operator systems. Although not specifically targeted to architects, they too will receive valuable insight into the design of automated gate operator systems.

## Certified Automated Gate Systems Designer Designation

The IDEA Automated Gate Systems Designer Certification program offers eligible candidates the ability to hold themselves out to the public as having been validated through an independent, third-party organization. Credentialing has become an identity recognized by the general public as meaning special training or education and verification through an examination. It shows the consumer that the individual with the certification is committed to high standards of excellence and professionalism.

Today's customers demand professional qualifications for services, and place a high value on their security and safety. Certification tells them how to know the difference when examining the marketplace and considering the right company or individual for the job. You owe it to your customers to make their search easier and more effective, by leading them to you.





The Institute of Door Education and Accreditation (IDEA) is an independent, non-profit, tax-exempt 501(c)(3) educational foundation, dedicated to serving the public interest by enhancing professionalism and safety within the door systems industry. IDEA is supported and partially funded by the International Door Association and the Door and Access Systems Manufacturers Association.



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