

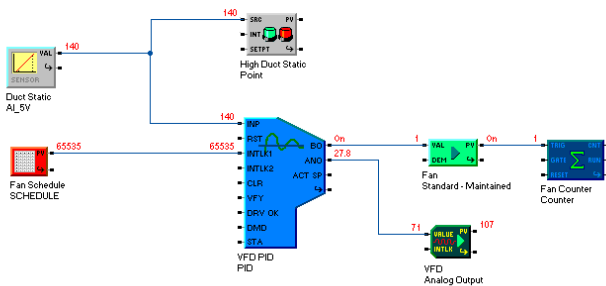
Product Education Series:

# Essential Training



Learn the basics of an ASI Controls DDC System. Essential Training is a 4-day course that teaches you how to program our ASIC/1 and ASIC/3 controllers and engineer a project using our IntelliFront front end. For customers seeking IntelliFront certification, there is a certification lab exercise on day 5. Essential Training is a pre-requisite for Advanced Training classes.

## Fan Sequence



The IntelliFront software interface displays a list of system points under the heading "Points". Each point includes an icon, a name, a current value, a status, and a setpoint (SP) if applicable. The points are:

- AirFlow**: 41 cfm, OK
- AirFlow Setpoint**: 50.0 cfm, OK
- Damper**: 39 %, OK
- Occ Mode**: ON, OK
- OccCool**: 50.5 °F, OK
- OccHeat**: 50.0 °F, OK
- ReHeat Valve**: 10 %, OK

by ASI Controls

### *Course Overview*

The Essential Training course is your introduction to ASI Controls DDC systems. During this 4-day course (day 5 is optional) you will learn how to assemble a basic ASI system. You will learn about sequences in the pre-programmed ASIC/1 controllers and learn to configure simple ASIC/3 applications for solutions beyond the capabilities of our ASIC/1 line. There is an optional certification lab exercise on Friday for customers to become certified IntelliFront programmers.

### *Course Date/Location*

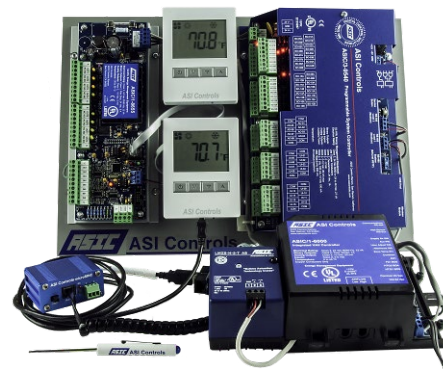
This 4-day course (day 5 is optional) will begin at 8:30 AM on Monday, January 7, 2019 at the Holiday Inn Ft. Lauderdale-Airport. The street address is 2905 Sheridan Street, Hollywood, FL 33020. Please return a completed enrollment form by Wednesday, December 5, 2018 if you are planning to attend.

### *Content*

The Essential Training course costs \$2,345. After December 6, the cost will be \$2,645. There is an additional cost of \$700 for IntelliFront certification. Certified IntelliFront programmers also receive a yearly engineering tool license for the software.

All attendees receive the following:

- 4 days of training
- ASI Expert software
- ASIC/3-9540, ASIC/1-8100 and ASIC/1-6100 controllers
- Micro-SINC and USB device cable
- Carrying case
- 24 VAC transformer to power the controllers
- Optional IntelliFront certification (Day 5)
- All applicable documentation on USB drive



If more than one person from your company attends the same course, or if your company has already purchased a training kit, then each additional person may pay a course fee of \$1,045. After December 6, the cost will be \$1,345. There is an additional cost of \$700 for IntelliFront certification. The additional persons may use our hardware for the course, but would not keep the hardware after the course.

### *Candidate*

An acceptable candidate for this program should have basic knowledge of HVAC and HVAC control systems. It is desirable that the candidate has some experience with designing, configuring, and/or installing DDC controls systems. The candidate should also be comfortable with the Microsoft Windows operating systems and be fluent in file management.

***Each student needs a Windows 7 or newer PC with a free USB port and wired Ethernet connection. Many students also find it useful to bring an external mouse. Students must have administrative rights to their Windows account on their PC. Google Chrome is recommended for use with IntelliFront software.***

## *Syllabus*

ASI Controls has been teaching courses on our control system since our beginning. We believe that the best way to learn how to apply our products is through hands-on instruction led by an ASI trainer. In the Essential Training class, students create series of practical applications using ASI controllers. The course also contains lab time to further your understanding of system features. The general outline of our Essential Training course is listed below.

### **Day 1**

- Programming ASIC/1 pre-programmed controllers
- BACnet networking
- Basic understanding of ASI Expert

### **Day 2**

- ASIC/3-9540 configuration
- Introduction to objects
- Introduction to graphical configuration
- Sample AHU application

### **Day 3**

- Introduction to IntelliFront
- Creating a new project
- Using the BACnet connector
- Building equipment graphics
- Creating histories and summaries
- Creating schedules

### **Day 4**

- Creating alarms
- Building control logic
- Building floor plans and building elevations
- Creating users

### **Day 5 (optional)**

- Project Application Lab for IntelliFront certification (+\$700)

## Airports

The closest airport is the Fort Lauderdale/Hollywood International Airport (FLL). Other nearby airports are Miami International Airport (MIA), about 40 minutes away, and Palm Beach International Airport (PBI), about 60 minutes away.

To help schedule return flights, the training class should end by Thursday at 5:00 PM (for participants not seeking IntelliFront certification) and Friday at 3:00 PM (for participants seeking IntelliFront certification).

## Hotel Information

Below is information on the hotel where the training will be held. Listed prices are as of October 2018.

### **Holiday Inn Ft. Lauderdale Airport**

2905 Sheridan Street

Hollywood, FL 33020

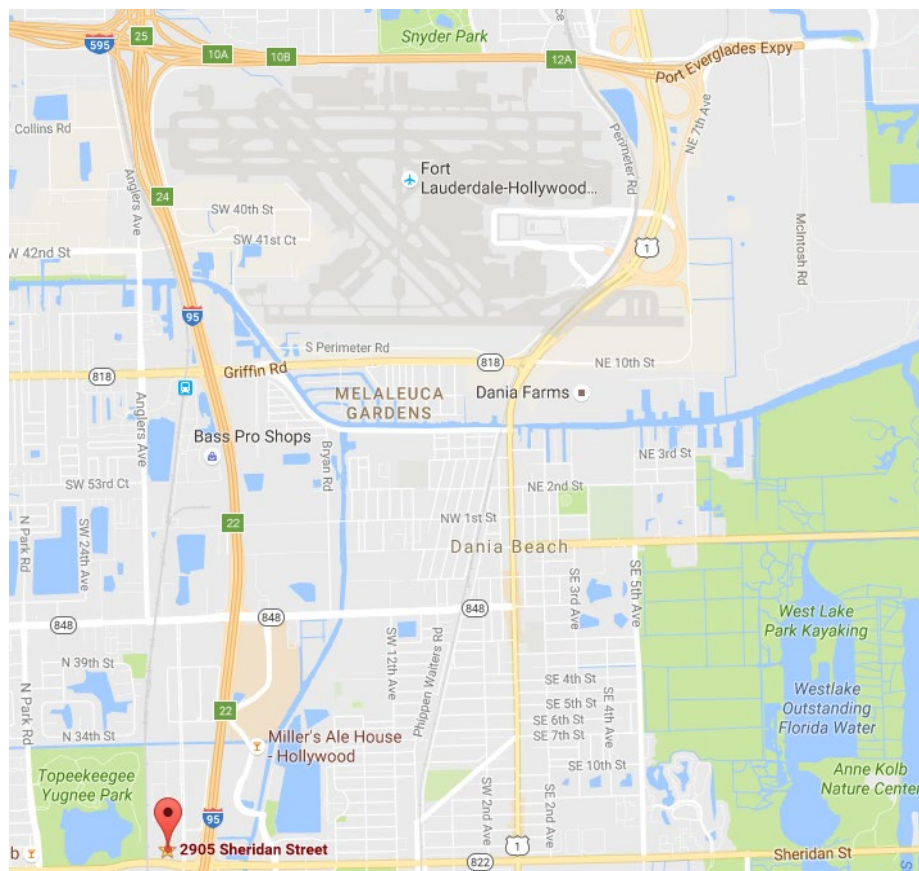
Phone: (954) 925-9100

<https://www.holidayinn.com/redirect?path=rates&brandCode=HI&localeCode=en&regionCode=1&hotelCode=FLLAS&checkInDate=06&checkInMonthYear=002019&checkOutDate=11&checkOutMonthYear=002019&PMID=99801505&GPC=ASI&viewfullsite=true>

**\$145/night**

Use Group Code ASI when making online reservations.

Be sure to make room reservations by Wednesday, December 5, 2018.





# ASI Controls

2202 Camino Ramon, San Ramon, CA 94583-1339

Phone: (925) 866-8808

Fax: (925) 866-1369

## Registration for ASI Training Courses - 2019

PLEASE PRINT OR TYPE THE REQUESTED INFORMATION BELOW.

Course Title: ASI Controls Essential Training

Date: January 7-11, 2019

Name: \_\_\_\_\_ e-mail: \_\_\_\_\_

Shirt Size: M L XL XXL

Name: \_\_\_\_\_ e-mail: \_\_\_\_\_

Shirt Size: M L XL XXL

Name: \_\_\_\_\_ e-mail: \_\_\_\_\_

Shirt Size: M L XL XXL

Company: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**Payment Method** (check one):

- Check                      Check No.: \_\_\_\_\_ Amount: \$ \_\_\_\_\_
- Purchase Order            P.O. No.: \_\_\_\_\_ Amount: \$ \_\_\_\_\_
- Credit Card (circle one):    Visa    MasterCard            Amount: \$ \_\_\_\_\_

Account No.: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Expiration Date: \_\_\_\_\_



This completed form may be FAXED. Checks and Purchase Orders should be made payable to:

**ASI Controls**

2202 Camino Ramon  
San Ramon, CA 94583

\*\*\*Please contact ASI Controls if you require auxiliary aids or services to have full participation and equal access to the facilities utilized for this training class.\*\*\*



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## CREDIT CARD PROCESSING FORM

- RUSH (*customer waiting*)                       AUTHORIZATION ONLY  
 End Of Day (*normal procedure*)                       REFUND ONLY

Date: \_\_\_\_\_ Salesperson: \_\_\_\_\_

Check One:                       VISA                       MASTERCARD

CUST. # \_\_\_\_\_ Reservation/Contract #: \_\_\_\_\_ Invoice #: \_\_\_\_\_

Company Name: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Credit Card #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Security Code: \_\_\_\_\_

Total Amount not to exceed: \$ \_\_\_\_\_ Tax: \$ \_\_\_\_\_

Amount of REFUND: \$ \_\_\_\_\_

Billing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Customer Signature: \_\_\_\_\_

Authorization #: \_\_\_\_\_ Approval #: \_\_\_\_\_

If address mismatch occurs: <input type="checkbox"/> waive <input type="checkbox"/> call to get new address
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<i>Office use only:</i> Completed by: _____ Date: _____
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