

Product Education Series:

# Essential Training

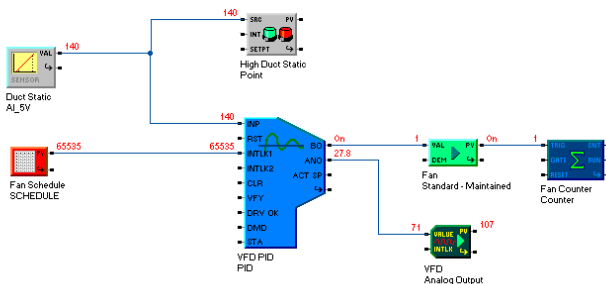


Learn the basics of an ASI Controls DDC System. Essential Training is a 4-day course that teaches you how to program our ASIC/1 and ASIC/3 controllers and engineer a project using our IntelliFront front end. For customers seeking IntelliFront certification, there is a certification lab exercise on day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

— Points —

- 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

## Fan Sequence



### *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, July 15, 2019 at the Courtyard by Marriott Fort Wayne Downtown at Grand Wayne Convention Center. The street address is 1150 South Harrison Street, Fort Wayne, IN 46802. Please return a completed enrollment form by Friday, June 14, 2019 if you are planning to attend.

### *Content*

The Essential Training course costs \$2,345. After June 14, 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 June 14, 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
- (Optional) Hosted dinner after class

### **Day 2**

- ASIC/3-9540 configuration
- Introduction to objects
- Introduction to graphical configuration
- Sample AHU application
- (Optional) Hosted happy hour after class

### **Day 3**

- Introduction to IntelliFront
- Creating a new project
- Using the BACnet connector
- Building equipment graphics
- Creating histories and summaries
- Creating schedules
- (Optional) Hosted dinner after class

### **Day 4**

- Creating alarms
- Building control logic
- Building floor plans and building elevations
- Creating users
- (Optional) Hosted happy hour after class

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

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

## Airport

The closest airport is the Fort Wayne International Airport (FWA).

Guests should contact the hotel front desk at 260-490-3629, option 3, to reserve the airport shuttle, available daily between 7 AM and 10:15 PM. Arrangements should be scheduled two weeks prior to arrival.

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 May 2019.

### **Marriott Fort Wayne Downtown at Grand Wayne Convention Center**

1150 South Harrison Street

Fort Wayne, IN 46802

Phone: (260) 490-3629

<https://book.passkey.com/e/49927762>

\$169/night

Be sure to make room reservations by Friday, June 14, 2019.

