



Classes and Curriculum

Course# / Title	Description / Course Objective
<p>FPWS-101</p> <p>Field Panel Web Server (Web UI) Operations</p> <p>Half day class which walks through the basic tasks of the web server user interface.</p> <p>Recommended Prerequisites: None</p>	<p>Course Objectives</p> <p>At the end of this unit you should be able to:</p> <ol style="list-style-type: none">1. Navigate graphics to look at building conditions2. Display point information like point values and alarms on reports3. Command points4. Identify and explain operating schedules5. Describe making an "exception" to change a schedule6. Display trended point history



Classes and Curriculum

Course# / Title	Description / Course Objective
<p>AIG-101</p> <p>Apogee Insight Operations for New Users Learn the basic operations of the system for day-to-day use through graphics.</p> <p>Recommended Prerequisites: None</p>	<p>Course Objectives At the end of this unit you should be able to:</p> <ol style="list-style-type: none">1. Log on and off of Apogee Insight2. Manipulate the Main Menu and discuss applications important to class content3. Identify the components of a point log. Run a point log for:<ul style="list-style-type: none">- one point- a group of points using wild cards- points with specific characteristics and conditions4. Command points using the point commander, and return commanded points to system control5. Display dynamic graphics and command points from a graphic6. Display alarms. View the System Activity Log to look at point alarm history7. Drag a point alarm to the Commander to practice drag and drop. Command the point from the Commander8. Display on-line documentation about selected topics covered in class



Classes and Curriculum

Course# / Title	Description / Course Objective
<p>AIG-202</p> <p>Advanced Apogee Insight Operations: Reports Trending & Scheduling</p> <p>Learn to create, display and print various reports; trending (data stored when a change of value or time occurs); schedule equipment, run times, trends, and reports... and much more all through graphics.</p> <p>Recommended Prerequisites:</p> <p>AIG-101 Apogee Insight for New Users</p>	<p>Course Objectives</p> <p>At the end of this unit you should be able to:</p> <ol style="list-style-type: none">1. Use the Report Builder and Report Viewer to create, print, and display various reports2. Place reports in the Scheduler so the system will automatically generate reports3. Override an existing schedule to make a temporary change4. Determine when to trend a point by time and when to trend a point by Change of Value (COV)5. Create and modify trend definitions. Place a trend definition in the Scheduler6. Place an event in the Scheduler7. Display on-line documentation about selected topics covered in class



Classes and Curriculum

Course# / Title	Description / Course Objective
<p>TEC-101</p> <p>Apogee TEC's - Terminal Equipment Controllers</p> <p>Learn how Apogee TEC's control building equipment and communicate with field panels; communicate with the field panel using Controller Interface Software (CIS) or Datamate; communicate with a TEC from the room thermostat using a laptop, and through the field panel or Apogee Insight.</p> <p>Recommended Prerequisites: None</p>	<p>Course Objectives</p> <p>At the end of this unit you should be able to:</p> <ol style="list-style-type: none">1. Explain the purpose of Terminal Equipment Controllers2. Describe how TEC's control building equipment3. Identify the Terminal Equipment Controllers installed at your facility and describe the application used4. Sketch a representation of some or all of the Floor Level Networks at your facility5. Discuss how TEC's and field panels communicate6. Explain the difference between points and subpoints7. Define Controller Interface Software (CIS) or Datamate and explain its use. Communicate with TC's using one of these software tools8. Communicate with a TEC from the room thermostat, and through the field panel or Insight



Classes and Curriculum

Course# / Title	Description / Course Objective						
<p>TM-101</p> <p>Terminal Mode for New Users</p> <p>Learn the basic operations of the system for day-to-day use through terminal mode (no graphics).</p> <p>Recommended Prerequisites: None</p>	<p>Course Objectives At the end of this unit you should be able to:</p> <ol style="list-style-type: none"> 1. Log on and off of your system. 2. Correct errors using the <Backspace> and # (<shift - 3>) keys. 3. Explain the purpose of the following reports: <table style="margin-left: 40px; border: none;"> <tr> <td>Point log</td> <td>Point trend</td> </tr> <tr> <td>Point monitor</td> <td>Point definition</td> </tr> <tr> <td>Point totalization</td> <td></td> </tr> </table> 4. Define the components of a point log 5. Run a point log for: All points in a building; One point in a building; A group of points using Wildcards 6. Pause, resume, and cancel the scrolling of a report 7. Command Points 8. Return commanded points to system control 9. Add points to the point monitor 10. Run a point monitor report 11. Remove points from the point monitor 12. Run a point totalization report 13. Reset totalization point values (if applicable) 14. Determine when to trend a point by time and when to trend a point by Change of Value (COV) 15. Add and remove points to trending 16. Run a point trend report 17. Run a point definition 	Point log	Point trend	Point monitor	Point definition	Point totalization	
Point log	Point trend						
Point monitor	Point definition						
Point totalization							