

# Johnson Controls Institute

## 2009 Class Schedule

January - June (July - December on reverse side)

**EARLY PAYMENT DISCOUNT** applies if full payment is received at least 30 days before the class starts. Deduct \$100 from the tuition for each course. This can be combined with the Multiple Student Discount.  
**MULTIPLE STUDENT DISCOUNT** applies if two or more students register at the same time, for the same course, on the same date at the same location and full payment is made at the time of booking. Use the Discount price shown for the course.

Course Name	Course #	Description Page #	Length (Days)	1 (One) Student	2 (Two) or More Students	January				February				March					April				May				June						
						5	12	19	26	2	9	16	23	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29		
<b>HVAC INDUSTRY COURSES</b>																																	
HVAC Mechanical Systems	210	9	5	\$1495	\$1345				MKE						PHX			MKE									MKE						
Fundamental Control Strategies for HVAC Systems	215	9	5	\$1495	\$1345					PHX		ORL		DAL			BAL		KC		CLT	PHX					IND						
HVAC Maintenance	220	10	5	\$1495	\$1345																												
Testing, Adjusting and Balancing HVAC Systems	228	10	5	\$1495	\$1345										PHX																		
Variable Air Volume Systems and Controls	317	11	5	\$1495	\$1345								PHX														MKE						
HVAC Pneumatic Controls - Multi Manufacturer	221	11	5	\$1495	\$1345				KC										IND							ORL							
Introduction to HVAC Digital Control Systems	375	12	2*	\$1095	\$ 945									IND																			
Airside System Analysis	4706	12	3*	\$1345	\$1195				SC																		DAL						
OptiView Control Panel	2100	13	3*	\$1345	\$1195																						***		DAL				
YK High Pressure Centrifugal Operations/Maintenance	2102	13	3*	\$1345	\$1195		MKE		ORL		***				MKE						***												
YCAV Air Cooled Rotary Screw Liquid Chillers	2103	14	3*	\$1345	\$1195							YRK					ORL					YRK											
Absorber Operations/Maintenance	2104	14	3*	\$1345	\$1195																					YRK							
YS/YR Rotary Screw Chillers	2105	15	3*	\$1345	\$1195													YRK															
YCAS Air Cooled Rotary Screw Liquid Chillers	2106	15	3*	\$1345	\$1195																												
YT/YK Centrifugal Chiller and Compressor Overhaul	2107	16	5	\$2395	\$2245									YRK			YRK				YRK												
<b>BUILDING AUTOMATION SYSTEMS COURSES</b>																																	
Metasys HVAC ASC Engineering	353	22	5	\$1645	\$1495				DAL		CLT				SEA						KC			ORL		PHX							
Metasys HVAC ASC Operations/Troubleshooting	381	22	5	\$1645	\$1495		ORL					BOS		MKE	WAS				BAL							CLT							
Metasys DX-9100 Engineering	364	23	5	\$1755	\$1605				BAL			DAL		ORL						CLT		SEA			BOS								
Metasys DX-9100 Operations/Troubleshooting	365	23	3*	\$1345	\$1195				MKE				CLT		SC				BOS		ORL					KC		WAS					
Metasys FEC Engineering	4702	24	3*	\$1345	\$1195		KC		PHX				IND		BAL			SEA		BOS		DAL	ORL										
Metasys FEC Operations/Troubleshooting	4703	24	3*	\$1345	\$1195		IND				BOS	KC					CLT		MKE			SC			DAL	SEA	BAL						
Metasys FEC Custom Programming	4704	25	3*	\$1345	\$1195					IND			SEA									SC											
Metasys PMI Operation: The Basics	300A	25	3*	\$1345	\$1195		DAL					CLT	KC		SC	BAL			ORL		MKE						IND	BOS					
Metasys PMI Facility Operator	350	26	5	\$1645	\$1495		DAL					CLT	KC		SC	BAL			ORL		MKE						IND	BOS					
Metasys M5 Facility Operator	385	26	5	\$1645	\$1495																ORL												
Metasys Hardware Troubleshooting	357	27	5	\$1755	\$1605					IND																							
Metasys GPL Engineering	352	27	5	\$1755	\$1605							BAL																					
Metasys Database Management and Generation	361	28	5	\$1755	\$1605												IND																
Metasys Validated Environments Facility Operator	387	28	2*	\$1345	\$1195																	IND											
Metasys system extended architecture for Building Operators	388	29	3*	\$1345	\$1195			DAL		SC	BAL	KC	ORL		BOS	IND		CLT	SEA	MKE	PHX	BAL	DAL	WAS	BOS		KC	BAL	SC				
Metasys system extended architecture for Building Engineers	389	29	5	\$1645	\$1495			DAL		SC	BAL	KC	ORL		BOS	IND		CLT	SEA	MKE	PHX	BAL	DAL	WAS	BOS		KC	BAL	SC				
Metasys system extended architecture Engineering and Setup	391	30	5	\$1755	\$1605				BAL		DAL				KC				PHX						MKE	SC							
Metasys system extended architecture Advanced Engineering	397	30	3*	\$1345	\$1195														BOS								SC						
Facility Explorer (FX) Field Controllers Engineering and Setup	4700	31	5	\$1695	\$1545				ORL			DAL		BAL					BOS			ORL					MKE						
FX Supervisory Controller Engineering and Setup	4701	31	5	\$1695	\$1545								ORL									DAL							MKE				
<b>JOHNSON CONTROLS SECURITY SOLUTIONS COURSES</b>																																	
Security Field Controllers Configuration and Maintenance	4203	33	2*	\$1095	\$ 945										ORL						DAL												
P2000 Operations with Video Imaging	4223	33	2*	\$1095	\$ 945							WAS																					
P2000 Configuration, Operation and Maintenance	4002	33	4*	\$1495	\$1345					DAL					ORL						SC				KC								

**KEY FOR INSTITUTE LOCATIONS**

\*Course less than five days in length may not start on Monday. See course description for schedule.  
 \*\*\* Las Vegas Location

BAL	Baltimore	CLT	Charlotte	IND	Indianapolis	MKE	Milwaukee	PHX	Phoenix	SEA	Seattle	YRK	York
BOS	Boston	DAL	Dallas	KC	Kansas City	ORL	Orlando	SC	Southern California	WAS	Washington, DC		

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						6	13	20	27	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28			
<b>HVAC INDUSTRY COURSES</b>																																		
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