




CFC-Solar 2020-2021 In-House Course Schedule




Multi-Student Discount for the same class and date in 2021

15% for 3 – 4 students

25% for 5 or more students

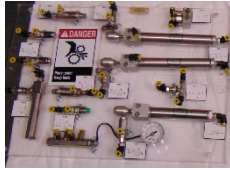
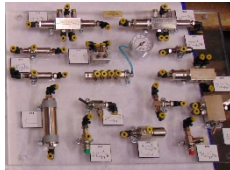
Hydraulic Courses	Number	Length	Dates	Location	Cost	
Introduction to Industrial Fluid Power – Concepts and Components	10	2 Days	Please Call for Dates	Fairfield, Oh	\$ 825	Register
<div>Level 1 Industrial Hydraulics - In Depth Fundamentals</div> 	20	3 Days	May 10 – 12, 2021	Fairfield, Oh	\$ 1195	Register
			September 8 – 10, 2021			
		5 Days	February 22-26, 2021		\$ 1595	
			August 23 – 27, 2021			
Level 2 Industrial Hydraulics - Advanced Maintenance & Repair	30	3 Days	December 7 - 9, 2020	Fairfield, Oh	\$ 1195	Register
			July 7 – 9, 2021			
			December 6 - 8, 2021			
		5 Days	June 7 – 11, 2021		\$ 1595	
			November 8 – 12, 2021			
Level 1 Mobile Hydraulics - In-Depth Fundamentals	60	3 Days	January 19 - 21, 2021	Fairfield, Oh	\$ 1195	Register
			July 13 – 15, 2021			
		5 Days	April 19 – 23, 2021		\$ 1595	
			Sept. 20 – 24, 2021			




Hydraulic Courses	Number	Length	Dates	Location	Cost	
Level 2 Mobile Hydraulics - Advanced Maintenance & Repair	70	3 Days	May 24 – 26, 2021	Fairfield, Oh	\$ 1195	Register
			October 4 – 6, 2021			
		5 Days	Nov.30 – Dec. 4, 2020		\$ 1595	
			June 21 – 25, 2021			
			Nov. 29 – Dec. 3, 2021			
Hydraulic Conductors - Fittings, Tube, Pipe, Hose, & Leak Prevention  	90	2 Days	May 3- 4, 2021	Fairfield, Oh	\$ 825	Register
Troubleshooting Using Industrial Hydraulic Schematics 	100	3 Days	May 5 – 7, 2021	Fairfield, Oh	\$ 1195	Register
Troubleshooting Mobile Hydraulic Systems	110	3 Days	March 8 – 10, 2021	Fairfield, Oh	\$ 1195	Register




Hydraulic Courses	Number	Length	Dates	Location	Cost	
Hydraulic Pump Analysis 	130	2 Days	May 13 – 14, 2021	Fairfield, Oh	\$825.00	Register
Electro-Hydraulics - Proportional and Servo Valves 	150	3 Days	January 12 - 14, 2021 August 17 – 19, 2021	Fairfield, Oh	\$ 1295	Register
Maintenance - Hydraulic Safety	180	1 Day	Please Call for Dates	Fairfield, Oh	\$545.00	Register
Predictive & Preventative Maintenance	190	3 Days	Please Call for Dates	Fairfield, Oh	\$1,195.00	Register

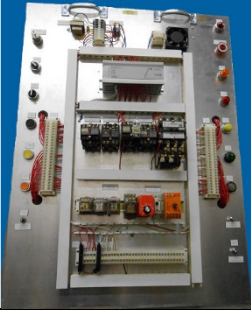
Pneumatic Courses	Number	Length	Dates	Location	Cost	
Level 1 Pneumatics - In-Depth Fundamentals  	210	3 Days	Feb. 8 – 10, 2021 June 2 – 4, 2021	Fairfield, Oh	\$ 1195	Register
Level 2 Pneumatics - Advanced Maintenance & Repair	220	3 Days	October 11 – 13, 2021	Fairfield, Oh	\$ 1195	Register



Mechanical Courses	Number	Length	Dates	Location	Cost	
Introduction to Lubrication 	270	2 Days	March 15 – 16, 2021	Fairfield, Oh	\$825.00	Register

Electrical Courses	Number	Length	Dates	Location	Cost	
AC & DC Electrical Fundamentals & Safety	290	3 Days	Please Call for Dates	Fairfield, Oh	\$1,195.00	Register
AC Motor Controls and Relay Ladder Logic	310	5 Days	April 26 – 30, 2021	Fairfield, Oh	\$ 1595.00	Register
Troubleshooting Electrical Systems	350	5 Days	Please Call for Dates	Fairfield, Oh	\$1,595.00	Register
Electrical Maintenance, Schematics, & Troubleshooting	360	5 Days	July 19 – 23, 2021	Fairfield, Oh	\$ 1595.00	Register
Level 1 Mobile Electric 	380	3 Days	February 15 – 17, 2021	Fairfield, Oh	\$ 1195.00	Register
		5 Days	August 2 – 6, 2021		\$ 1595.00	
Level 2 Mobile Electric	390	3 Days	June 28 – 30, 2021	Fairfield, Oh	\$ 1195.00	Register
		5 Days	Sept. 27 – Oct. 1, 2021		\$ 1595.00	



PLC Courses	Number	Length	Dates	Location	Cost	
Level 1 PLC Fundamentals 	430	3 Days	April 7 – 9, 2021	Fairfield, Oh	\$ 1295	Register
Level 2 PLC Programming	440	3 Days	October 19 – 21, 2021	Fairfield, Oh	\$ 1295	Register



International Fluid Power Society Certification	Number	Length	Dates	Location	Cost	
Conductor & Connector Review	510	3 Days	May 18 – 20, 2021	Fairfield, Oh	\$ 745 Plus test fees	Register
			Nov. 16 – 18, 2021			
			JP at 8 am on 3rd day Written at 1 pm on 3rd day			
Industrial Hydraulic Mechanic Review	530	4 Days	June 14 – 17, 2021	Fairfield, OH	\$845.00 Plus test fees	Register
			JP at 8 am on 4th day Written at 1 pm on 4th day			
Mobile Hydraulic Mechanic Review	540	4 Days	April 13 – 16, 2021	Fairfield, Oh	\$845.00 Plus test fees	Register
			Aug. 30 – Sept. 2, 2021			
			JP at 8 am on 4th day Written at 1 pm on 4th day			
Industrial Hydraulic Technician Review	560	4 Days	Please Call for Dates	Fairfield, OH	\$845.00 Plus test fees	



International Fluid Power Society Certification	Number	Length	Dates	Location	Cost	
Electronic Controls Specialist Review	590	4 Days	August 9-12, 2021	Fairfield, Oh	\$ 1545.00 Plus test fees	Register
			Test at 1pm on 4 th day			
Hydraulic Specialist Review	600	4 Days	March 23 – 26, 2021	Fairfield, Oh	\$ 945.00 Plus test fees	Register
			Sept. 13 – 16, 2021			
			Test at 1pm on 4 th day			
Pneumatic Specialist Review	610	4 Days	July 27 – 30, 2021 Test at 1pm on 4 th day	Fairfield, Oh	\$ 945.00 Plus test fees	Register
LMS Online IFPS Job Performance Review Hosted By: CFC-Solar	630	JP Station 1	Anytime, see LMS Online	Online	\$50 per STATION \$200 for all 6 Stations	Register
		JP Station 2				
		JP Station 3				
		JP Station 4				
		JP Station 5				
		JP Station 6				

Below is a list of additional classes that can be taught with a maximum of 12 students. Please call (513)874-3225 for more information.



- **Hydraulic Courses**

- Industrial Safety for Fluid Power (1 day)
- Level 3 Industrial Hydraulics - Design and Sizing (5 days)
- Introduction to Mobile Fluid Power – Concepts and Components (2 days)
- Level 3 Mobile Hydraulics – Design and Sizing (3 or 5 days)
- Hydrostatic Closed Loop Systems (2 days)
- Hydrostatic Closed Loop Systems for Engineers (3 days)

- **Pneumatic Courses**

- Introduction to Pneumatics – Concepts and Components (2 days)
- Level 3 Pneumatics – Design and Sizing (3 or 5 days)
- Pneumatic Troubleshooting Using Schematics (2 days)
- Air Logic Pneumatics (2 or 3 days)
- Electro Pneumatics (2 or 3 days)

- **Mechanical Courses**

- Principles of Machining

- **Electrical Courses**

- AC Power and NEC Codes (3 days)
- Basic Electrical Systems Based on 2008 National Electric Code (5 days)
- Variable Frequency Drives (3 days)
- Fundamentals of DC Electronics, Sensors, and Instrumentation (3 days)
- Electrical Maintenance, Schematics, & Troubleshooting including Motor and Motor Control Circuits (5 days)
- Introduction to Mobile Electric – Using a Multi-Meter (1 day)

- **PLC Courses**

- Level 3 PLC – Program Design (5 days)

- **Other Courses**

- Rigging and Loading Fundamentals (1 day)

- **International Fluid Power Society Certification Reviews and Testing**

- Job Performance Review – Hands-on Only (2 days)
- Pneumatic Mechanic Review (3 days)
- Industrial Hydraulic Technician Review (4 days)
- Mobile Hydraulic Technician Review (3 days)
- Pneumatic Technician Review (3 days)

Strategic Partners:

