

JANUARY 2019

Port Technical Training Institute Schedule - January 2019

Monday	Tuesday	Wednesday	Thursday	Friday
31 ILA HOLIDAY	1 ILA HOLIDAY	2	3	4
7	8	9	10	11
14	15	16	17	18
21 ILA HOLIDAY	22	23	24 A19D Day 1/7 Chassis Air/ABS Brakes	25
A19A Day 1/4 Electric Straddle Carrier	28	29	30	31 A19D Day 2/7 Chassis Air/ABS Brakes
				1

FEBRUARY 2019

Port Technical Training Institute Schedule - February 2019

Monday			Tuesday		Wednesday		Thursday		Friday			
A19A	Day 1/4	28		29		30	A19D	Day 2/7	31	1		
Electric Straddle Carrier							Chassis Air/ABS Brakes					
A19A	Day 2/4	4	B19B	Day 1	5	B19C	Day 1 + Day 2	6	A19D	Day 3/7	7	8
Electric Straddle Carrier			Rigging - Day 1		Rigging - Day 2		Chassis Air/ABS Brakes					
A19A	Day 3/4	11	ILA HOLIDAY			13	A19D	Day 4/7	14		15	
Electric Straddle Carrier								Chassis Air/ABS Brakes				
ILA HOLIDAY				19		20	A19D	Day 5/7	21		22	
Chassis Air/ABS Brakes							Chassis Air/ABS Brakes					
A19A	Day 4/4	25		26		27	A19D	Day 6/7	28		1	
Electric Straddle Carrier							Chassis Air/ABS Brakes					

MARCH 2019

Port Technical Training Institute Schedule - March 2019

Monday		Tuesday		Wednesday		Thursday		Friday			
A19A	Day 4/4	25		26		27	A19D	Day 6/7	28		1
Electric Straddle Carrier							Chassis Air/ABS Brakes				
		4		5		6	A19D	Day 7/7	7		8
							Chassis Air/ABS Brakes				
		11		12		13			14		15
		18		19		20			21		22
ILA HOLIDAY											
C19A	Day 1/4	25	C19B	Day 1/8	26	27			28		29
Electric Straddle Carrier			Crane/RTG Electric 101								

APRIL 2019

Port Technical Training Institute Schedule - April 2019

Monday		Tuesday		Wednesday		Thursday		Friday			
C19A	Day 2/4	1	C19B	Day 2/8	2		3		4		5
<i>Electric Straddle Carrier</i>		<i>Crane/RTG Electric 101</i>									
C19A	Day 3/4	8	C19B	Day 3/8	9		10		11		12
<i>Electric Straddle Carrier</i>		<i>Crane/RTG Electric 101</i>									
C19A	Day 4/4	15	C19B	Day 4/8	16		17		18	ILA HOLIDAY	
<i>Electric Straddle Carrier</i>		<i>Crane/RTG Electric 101</i>									
		22	C19B	Day 5/8	23		24		25		26
		<i>Crane/RTG Electric 101</i>									
		29	C19B	Day 6/8	30		1		2		3
		<i>Crane/RTG Electric 101</i>									

MAY 2019

Port Technical Training Institute Schedule - May 2019

Monday	Tuesday	Wednesday	Thursday	Friday
29	C19B Day 6/8 Crane/RTG Electric 101	30	1	2
6	C19B Day 7/8 Crane/RTG Electric 101	7	8	9
13	C19B Day 8/8 Crane/RTG Electric 101	14	15	16
20		21	22	23
27		28	29	30
ILA HOLIDAY				31

January 2019 - May 2019

Monday's (January 28 - February 25, 2019) - Electric Straddle Carrier (4 DAY CLASS)

This course is an intermediate level course covering the dangers, warnings, cautions and notices when working on a hybrid Straddle Carrier. The objective of this course is for the student to learn different types of Drives and AC components utilized for safe operation of Electric Straddle Carriers plus how to test and troubleshoot for faults. This course covers Dangers, Warnings, Cautions and Notices when working on hybrid equipment, Electrical Safety, AC Electrical Theory and Basic circuits on Variable Frequency Drives, PPE requirements. Different types of drives for front and back end, AC components utilized for operation of equipment. Variable Frequency drives utilizing Lab-Volt's Industrial Motor Controller Training System. Specialized tests and equipment, Hands-on labs include DC / AC voltage testing with test equipment (insulation tester, DC/AC TRMS clamp meter, Digital Multi-Meter).

Tuesday (February 5, 2019) - RIGGING DAY 1

Rigging Day 1 - Applicable to all mechanics, gear men, heavy lift personnel and marine superintendents using slings in their work environment. This is an entry level course covering an introduction to Rigging principles, inspection on rigging hardware, wire rope clips and terminations. The objective of this course is to understand the proper procedures for overhead lifting as per current OSHA and ASME standards.

Wednesday (February 6, 2019) - RIGGING DAY 2

Rigging Day 2 - The second day for individuals handling the rigging of cargo on a frequent basis gets into rigging calculations, choosing the correct size gear, how the rigging gear capacity changes with different arrangements, lifting calculations and techniques. Proper hardware applications (ex. slings, knots, hooks, shackles, eye bolts, etc.), rigging (loads, rigging triangle, COG).

Note: REQUIREMENT : RIGGING DAY 1

Thursday's (January 24 - March 7, 2019) - CHASSIS AIR/ABS BRAKES (7 DAY CLASS)

This course covers the foundation air & ABS brake system, chassis electrical system and periodic chassis inspection in accordance with the Department of Transportation Federal Motor Carriers Safety Administration. Brake focus includes: the different types, parts, assembly, adjustments, lubrication, seals, bearings, system operation, diagnostics & repairs, diagnostic codes, use of scanners and laptops for diagnostics and safety, proper tools to use during inspection and maintenance. Inspection focus includes: the brake system, lighting system, structural components, tires, rims, lug nuts, fifth wheel, glad hands, air lines, rear impact guard, suspension system and landing gear. Upon successful completion of this course, a document is provided student's employer to indicate the student has received training in these areas.

Monday's (March 25 - April 15, 2019) - Electric Straddle Carrier (4 DAY CLASS)

This course is an intermediate level course covering the dangers, warnings, cautions and notices when working on a hybrid Straddle Carrier. The objective of this course is for the student to learn different types of Drives and AC components utilized for safe operation of Electric Straddle Carriers plus how to test and troubleshoot for faults. This course covers Dangers, Warnings, Cautions and Notices when working on hybrid equipment, Electrical Safety, AC Electrical Theory and Basic circuits on Variable Frequency Drives, PPE requirements. Different types of drives for front and back end, AC components utilized for operation of equipment. Variable Frequency drives utilizing Lab-Volt's Industrial Motor Controller Training System. Specialized tests and equipment, Hands-on labs include DC / AC voltage testing with test equipment (insulation tester, DC/AC TRMS clamp meter, Digital Multi-Meter).

Tuesday's (March 26 - May 14, 2019) - Crane / RTG / Strad Electric 101 (8 DAY CLASS)

This is an entry level course covering basic electrical theory, electrical circuits & devices found on various higher voltage equipment. The objective of this course is for the student to understand the electrical system for this equipment and be able to use a digital multi-meter for testing and troubleshooting. This course covers Electrical Safety (PPE in the workplace); Electrical Quantities (Ohm's Law - what your digital multi-meter is measuring); Series / Parallel circuits (differences in testing and troubleshooting); Switches and switching concepts; Electromagnetism (how they work, testing and troubleshooting coils, relays, solenoids); AC vs. DC voltage / current and Transformer concepts. Hands on testing and troubleshooting performed through use of Lab-Volt's F.A.C.E.T system and a CAT IV Digital Multi-meter (given to each student) with applications in everyday work environment.

Please contact for any additional courses