

## *2021-2022 Third Year Schedule - Jim Lynch*

Subject	Start Date	Lesson Title
<b>January 2022</b>		
meet and greet	1/17/2022	class meet and greet
Fire Alarm System level 1	1/17/2022	introduction to fire alarm systems
Fire Alarm System level 1	1/19/2022	fundamentals & System Requirements
Fire Alarm System level 1	1/19/2022	Initiating Devices
Fire Alarm System level 1	1/19/2022	Notification Appliances
Fire Alarm System level 1	1/24/2022	Wiring and Wiring Methods
Fire Alarm System level 1	1/24/2022	System interfaces and Safety controls
Fire Alarm System level 1	1/24/2022	Emergency Comm System and voice alarm system
Fire Alarm System level 1	1/26/2022	Plans and Specifications
Fire Alarm System level 1	1/26/2022	Fire Alarm Systems Level 1 Review Quiz
	<b>Every Sunday</b>	<b>Homework completed in LMS by 6PM</b>
	1/31/2022	Fire Alarm System level 1 test
	3/12/2022	Apprentice of the Year Test
	6/1/2022	Mandatory Union Meeting 6PM at the Union Hall

<b>February 2022</b>		
Fire Alarm Systems Level II	2/2/2022	Advanced detection topics
Fire Alarm Systems Level II	2/2/2022	Public EM alarm reporting system/supervising
Fire Alarm Systems Level II	2/7/2022	Single and multiple station alarms
Fire Alarm Systems Level II	2/7/2022	Inspection testing and maintenance
Fire Alarm Systems Level II	2/7/2022	Fire Alarm System 2 review Quiz
Fire Alarm Systems Level II	2/9/2022	Fire Alarm System 2 test
Lighting Essentials Level 1	2/14/2022	Basic Concepts in lighting
Lighting Essentials Level 1	2/14/2022	The Science of Lighting
Lighting Essentials Level 1	2/16/2022	Qualities of Light Sources
Lighting Essentials Level 1	2/16/2022	Daylighting
Lighting Essentials Level 1	2/16/2022	Lamps
Lighting Essentials Level 1	2/21/2022	Luminaires
Lighting Essentials Level 1	2/21/2022	Lighting Controls
Lighting Essentials Level 1	2/23/2022	Quantity and Quality of light
Lighting Essentials Level 1	2/23/2022	Lighting Essentials Level 1 Review
Lighting Essentials Level 1	2/28/2022	Lighting Essentials Level 1 test

March 2022		
Lightning Protection Level 1	3/2/2022	Introduction
Lightning Protection Level 1	3/2/2022	LPS ground work
Lightning Protection Level 1	3/7/2022	Down conductor and bonding
Lightning Protection Level 1	3/7/2022	Rooftops
Lightning Protection Level 1	3/7/2022	Concealed and Structural steel systems
Lightning Protection Level 1	3/9/2022	Bonding requirements and potential equalization
Lightning Protection Level 1	3/9/2022	Surge protection devices
Lightning Protection Level 1	3/9/2022	Lightning protection level 1 quiz
Lightning Protection Level 1	3/14/2022	Lightning protection level 1 test
Rigging and hoisting & signal	3/16/2022	Hoisting Safety
Rigging and hoisting & signal	3/16/2022	Cranes
Rigging and hoisting & signal	3/21/2022	Lift planning
Rigging and hoisting & signal	3/21/2022	signaling
Rigging and hoisting & signal	3/21/2022	Load weight and balance
Rigging and hoisting & signal	3/23/2022	sling and sling hitches
Rigging and hoisting & signal	3/23/2022	rigging equipment maintenance
Rigging and hoisting & signal	3/23/2022	rigging hardware
Rigging and hoisting & signal	3/28/2022	chains and chain slings
Rigging and hoisting & signal	3/28/2022	synthetic slings
Rigging and hoisting & signal	3/28/2022	wire rope and wire rope slings
Rigging and hoisting & signal	3/30/2022	fiber ropes and knots
Rigging and hoisting & signal	3/30/2022	block and tackle
Rigging and hoisting & signal	3/30/2022	hoists
Rigging and hoisting & signal	4/4/2022	rigging hoisting & signaling review quiz
Rigging and hoisting & signal	4/6 to 4/13	practical Lab at Sturgeon Shop
Rigging and hoisting & signal	4/18/2022	Rigging, hoisting & signaling Test

April 2022		
Hazardous Locations Level 1	4/20/2022	Hazardous classified location concepts
Hazardous Locations Level 1	4/20/2022	Article 500 understanding class 1,2,3 locations
Hazardous Locations Level 1	4/25/2022	Requirements for class 1 installations
Hazardous Locations Level 1	4/25/2022	Requirements for class 2 installations
Hazardous Locations Level 1	4/25/2022	Requirements for class 3 installations
Hazardous Locations Level 1	4/27/2022	Article 505
Hazardous Locations Level 1	4/27/2022	Article 506
Hazardous Locations Level 1	5/2/2022	Specific locations article 511 thru 516
Hazardous Locations Level 1	5/2/2022	Hazardous Location applications
Hazardous Locations Level 1	5/4/2022	Hazardous Location Test

May 2022		
Preparing for Leadership	5/9/2022	The contracting Business
Preparing for Leadership	5/9/2022	Personal qualities Professionalism and respect
Preparing for Leadership	5/9/2022	credibility and character
Preparing for Leadership	5/11/2022	Ethics and Integrity
Preparing for Leadership	5/11/2022	Teaching and Learning
Preparing for Leadership	5/11/2022	Importance of Planning
Preparing for Leadership	5/16/2022	Planning Challenges
Preparing for Leadership	5/16/2022	Effective communication
Preparing for Leadership	5/16/2022	Crew support and Moral
Preparing for Leadership	5/18/2022	Disruptive behaviors
Preparing for Leadership	5/18/2022	Addressing Conflict
Preparing for Leadership	5/23/2022	Preparing for Leadership test
Health care faciity Level 1	5/25/2022	Introduction
Health care faciity Level 1	5/25/2022	Utility Power
Health care faciity Level 1	5/25/2022	Distribution
Health care faciity Level 1	5/25/2022	Patient Care Spaces
Health care faciity Level 1	5/25/2022	Health Care Facility Level 1 Test
Health care faciity Level 2	5/30/2022	Facility Electrical Equipment Maintenance
Health care faciity Level 2	5/30/2022	Work in Existing Health Care Facilities
Health care faciity Level 2	5/30/2022	The Future of Health Care
Health care faciity Level 2	5/30/2022	Health Care Facility Level 2 Test

June 2022		
End of year	6/1/2022	Mandatory class Union Hall 5PM