

## RELATED TRAINING CURRICULUM

TERM	OJT HOURS	COMPETENCY	RELATED CLASS / TEXT	CREDIT HOURS	PROVIDER
1st Term	1000 / 72	Trade Mathematics	Math 50 or Equivalent	33	Northwest College of Construction OR Certified Provider
		NEC Introduction	Holt Art 90 - Introduction to Code (2017)	16	JATC-Monitored Correspondence Study/Test Out
		Personal Protection Safety	Personal Protective Equipment	8	OSHA Workshop Training
		Fall Hazards Safety Procedures	Fall Protection	8	OSHA Workshop Training
		First Aid/CPR (Valid for two years)	Recognized Certification	8	Red Cross/JATC-Recognized Certified Provider
2nd Term	2000 / 144	UL 48 Standards for Electric Signs	UL 48 Standards Revision 2006	24	JATC-Monitored Correspondence Study/Test Out
		NEC Equipment for General Use	Holt Art 400/402/404 Cords, Cables & Switches (2017)	8	JATC-Monitored Correspondence Study/Test Out
		Electrical Safety	Safety & Health for the Electrical Trade	8	JATC-Monitored Correspondence Study/Test Out
		Commercial Vehicle Operation	Employer Training/Recognized Training	32	CDL Driver's License: Class 'B'
3rd Term	3000 / 216	NEC General Rules for Neon Tubing	Neon Tubing & Components - Learning About Neon	8	JATC-Monitored Correspondence Study/Test Out
		Secondary Electrical Lighting Systems / LED	Class 2 Power Supplies	16	JATC-Monitored Correspondence Study/Test Out
		Excavation Safety	Excavation Safety & Confined Spaces	4	OSHA Workshop Training
		Basic Electric Fundamentals & Theory	Electrical Theory I - NCCER	33	Northwest College of Construction OR Certified Provider
4th Term	4000 / 288	Forklift Safety Procedures	Forklift Operators Certification	8	JATC-Recognized Certified Provider
		NEC Definitions	Holt Art 100 NEC Definitions (2017)	24	JATC-Monitored Correspondence Study/Test Out
		Basic Electric Fundamentals & Theory	Electrical Theory II - NCCER	33	Northwest College of Construction OR Certified Provider
5th Term	5000 / 360	Lockout/Tagout Safety	Lockout/Tagout	4	OSHA Workshop Training
		Secondary Electrical Lighting Systems / Neon	Neon Installations	24	JATC-Monitored Correspondence Study/Test Out
		Sheet Metal Fabrication	Sheet Metal I (For Sign Hangers) - NCCER	33	Northwest College of Construction OR Certified Provider
		First Aid/CPR (2-year renewal)	Recognized Certification	8	Red Cross/JATC-Recognized Certified Provider
6th Term	6000 / 432	NEC Electric Signs & Outline Lighting, Manufactured Lighting	Holt Art 600/604 Electric Signs & Wiring Systems (2017)	16	JATC-Monitored Correspondence Study/Test Out
		NEC Wiring Methods I	Holt Art 300/310 General Requirements (2017)	16	JATC-Monitored Correspondence Study/Test Out
		NEC Wiring Methods II	Holt Art 330-376 Cables & Conduits (2017)	16	JATC-Monitored Correspondence Study/Test Out
		NEC Grounded Conductors & Branch Circuits	Holt Art 200/225 Use & Identification Grounded Neutral (2017)	8	JATC-Monitored Correspondence Study/Test Out
		NEC Branch Circuits, Feeder, & Service	Holt Art 220 Branch Circuit (2017)	16	JATC-Monitored Correspondence Study/Test Out
7th Term	7000 / 504	NEC Overcurrent Protection	Holt Art 240 Overcurrent Protection (2017)	8	JATC-Monitored Correspondence Study/Test Out
		NEC Grounding & Bonding	Holt Art 250 Grounding & Bonding (2017)	8	JATC-Monitored Correspondence Study/Test Out
		Welding Competency	Vertical/Horizontal Arc or Mig	66	Community College, Testing Lab OR Certified Provider
8th Term	8000 / 576	Foundations & Steel Structures	Sign Structures & Foundations Text	32	Northwest College of Construction OR Certified Provider
		Oregon Electrical Specialty Codes	Oregon Specialty Code	8	JATC-Monitored Correspondence Study/Test Out
		Oregon Administrative Rules	Oregon Specialty Code	4	JATC-Monitored Correspondence Study/Test Out
		Journeyman Exam Review	Holt Journeyman Electrician Study Guide NEC 2017	32	JATC-Monitored Correspondence Study/Test Out
		Oregon Electrical Safety Law	Protection from Fire, Electrical Safety Law 479	8	JATC-Monitored Correspondence Study/Test Out
		Crane Operations	Crane Safety Certificate OR NCCCO Operator's License	20	NWCC, Overton Safety OR JATC-Certified Provider
All NEC Courses / Test Outs Require Apprentices to Bring Their Own Copies of NEC 2017 for Reference.				598	Total Classroom / Training Hours
				*** 72 hours required per term ***	
				Courses Requiring Classroom Participation	
				Home Study Course Requiring Monitoring Testing	
				Approved Training Source	
		Milestones			