

RELATED TRAINING CURRICULUM

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

All NEC Courses / Test Outs Require Apprentices to Bring Their Own Copies of NEC 2017 for Reference.