

Professional Electrician Code Training (PECT) Syllabus | Lesson Plan (Draft)

<u>Lesson</u>	<u>Date</u>	<u>Time/Hrs</u>	<u>Content</u>	<u>Teaching Outline</u>	<u>Learning Objectives / Focus</u>	<u>Text Book / Resources</u>
401	30-Apr-19	1	NEC Article 400-402	Discuss Flexible Cords and Fixture Wires	Apply tables and ampacities	MH UNEC V1
		1.5	NEC Article 404-406	Switches and Receptacles	Understand the proper use and installation	MH UNEC V1
		1.5	NEC Article 408	Switchboards and Panelboards	Installation and termination methods	MH UNEC V1
402	7-May-19	1	Review and Quiz	NEC Article 400-408		
		1	NEC Article 410-411	Cover Luminaires (Light Fixtures)	Listing, installation and locations	MH UNEC V1
		1	NEC Article 422	Appliances	Branch circuit ratings and OCP	MH UNEC V1
		1	NEC Article 424	Fixed Electric Space-Heating Equipment	Recognize uses and requirements	MH UNEC V1
403	14-May-19	1	Review and Quiz	NEC Article 410-424		
		1	NEC Article 430	Sec 430.1-17 Motors & Controllers	Understand the general requirements and tables	MH UNEC V1
		1	NEC Article 430	Sec 430.22-75 Motors & Controllers	Size BC/Feeder conductors and OL & SCC-GFP	MH UNEC V1
		1	NEC Article 430	Sec 430.51-111 Motors & Controllers	Installation methods of controllers and disconnects	MH UNEC V1
404	21-May-19	1	Review and Quiz	NEC Article 430		
		1	NEC Article 440	Air-Conditioning & Refrigeration Equip	Exhibit adequacy in referencing Article 440	MH UNEC V1
		1	NEC Article 445	Generators	Understand installation requirements	MH UNEC V1
		1	NEC Article 480	Storage Batteries	Understand installation requirements	MH UNEC V1
405	28-May-19	1	Review and Quiz	NEC Article 440-445		
		1	NEC Article 450	Transformer general requirements	Show adequacy in referencing Article 450	MH UNEC V1
		2	Transformer Installation	Installation requirements	Feeder and Secondary Conductor Sizing	Various NEC Articles and Sections