

# Weekly Lesson Plan WEEK 6 (Week of 10/4/21)

*Implementing 21<sup>st</sup> Century Skills through: Critical and Creative Thinking, Communication and Collaboration*

Program: ENC

Level 100

Teacher: Randy McDowell

Day	Content / Standard	Core Standard	Skills / Objectives	Activities	Assessment
Monday	BASIC SAFETY POS 100  RESIDENTIAL CABLING TECHNOLOGY POS 600	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(161) Identify organizations that set safety, building, and material standards such as U.L., NEMA, BOCA, and OSHA	Lecture and Ppt on unit 1 Residential wiring book, NEC and testing Laboratories.  Introductory tasks Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)  Safety Manual check off (step ladders)
Tuesday	BASIC SAFETY POS 100 RESIDENTIAL CABLING TECHNOLOGY POS 600 SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(161) Identify organizations that set safety, building, and material standards such as U.L., NEMA, BOCA, and OSHA  (601) Install non-metallic (NM) Cable for connection to an electrical device.	Unit 1 review questions Demonstration of hack saw use Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)  Homework OSHA modules
Wednesday	BASIC SAFETY POS 100 RESIDENTIAL CABLING TECHNOLOGY POS 600 SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(161) Identify organizations that set safety, building, and material standards such as U.L., NEMA, BOCA, and OSHA  (601) Install non-metallic (NM) Cable for connection to an electrical device.	Unit 1 review questions  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning) OSHA Modules due
Thursday	BASIC SAFETY POS 100  RESIDENTIAL CABLING TECHNOLOGY POS 600	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(101) Demonstrate proper use of personal protective equipment.  (660) Demonstrate proper terminations and splicing techniques	Unit 1 & Safety Review Jeopardy Game  Demonstration of how to terminate SJ cable Work on task objectives Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Friday	BASIC SAFETY POS 100  RESIDENTIAL CABLING TECHNOLOGY POS 600	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(161) Identify organizations that set safety, building, and material standards such as U.L., NEMA, BOCA, and OSHA  (702) Install a single pole switch.	Unit 1 test  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Journal (rubric 10 pts) Chapter 1 test

# Weekly Lesson Plan WEEK 6 (Week of 10/4/21)

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Program: ENC

Level 200

Teacher: Randy McDowell

Day	Content / Standard	Core Standard	Skills / Objectives	Activities	Assessment
Monday	Services POS 1200	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	Install 100 and 200 amp overhead and underground services.	Read first 5 pages of unit 27 on residential services.  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning) GFCI test
Tuesday	Services POS 1200	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(1201, 1202, 1203) Install 100 and 200 amp overhead and underground services.	Lecture on types of services, overhead underground mast and cable type Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning) GFCI test
Wednesday	Services POS 1200	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	Install 100 and 200 amp overhead and underground services.	Complete definition worksheet on services  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Thursday	Services POS 1200	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	Install 100 and 200 amp overhead and underground services.	Lecture on parts of a service  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Friday	NATIONAL ELECTRICAL CODE POS 1300	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	1303 Use the NEC as a reference to questions and competencies that students perform for all electrical installations	Catch up on related code questions  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)  Journal (rubric 10 pts)

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Program: ENC

Level 300

Teacher: Randy McDowell

Day	Content / Standard	Core Standard	Skills / Objectives	Activities	Assessment
Monday	AC/DC FUNDAMENTALS POS 3000	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	3060 Identify electrical parts and their symbols	Lecture from Chapter 2 Motor control symbols  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Tuesday	AC/DC FUNDAMENTALS POS 3000	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	3060 Identify electrical parts and their symbols	Checkpoint questions 2-1 Make flash cards for motor control symbols.  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Wednesday	AC/DC FUNDAMENTALS POS 3000	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	3060 Identify electrical parts and their symbols	Lecture on circuits, print reading and troubleshooting  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Thursday	AC/DC FUNDAMENTALS POS 3000	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	3060 Identify electrical parts and their symbols	Checkpoint questions 2-2  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning)
Friday	NATIONAL ELECTRICAL CODE POS 1300	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	1303 Use the NEC as a reference to questions and competencies that students perform for all electrical installations	Catch up on related code questions  Work on task objectives  Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation)  Daily Skill Grade (Observation and oral questioning) Journal (rubric 10 pts)