

Weekly Lesson Plan WEEK 3 (Week of 9/13/21)

Implementing 21st 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	POS 200 Hand Tools POS 600 RESIDENTIAL CABLING TECHNOLOGY	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(202) Recognize, identify and safely use pliers and wire cutters. (660) Demonstrate proper terminations and splicing techniques	Hand tool safety Introduce Journals Introductory activities Cutting stripping and twisting wires	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning)
Tuesday	POS 200 Hand Tools POS 600 RESIDENTIAL CABLING TECHNOLOGY	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(202) Recognize, identify and safely use pliers and wire cutters. (660) Demonstrate proper terminations and splicing techniques	Introductory activities Cutting stripping and twisting wires	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Homework (162) OSHA 10-hour Careersafe Certification
Wednesday	POS 100 Basic Safety	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(107) Demonstrate basic electrical safety. (108) Using Perform Lockout/Tagout. .	OSHA (Careersafe) log in and introduction	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Homework (162) OSHA 10-hour Careersafe Certification
Thursday	No school	No school	No school	No school	No school
Friday	POS 100 Basic Safety	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(107) Demonstrate basic electrical safety. .	Safety color code presentation Introductory activities Cutting stripping and twisting wires Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Journals (rubric)

Weekly Lesson Plan WEEK 3 (Week of 9/13/21)

Implementing 21st Century Skills through: Critical and Creative Thinking, Communication and Collaboration

Program: ENC

Level 200

Teacher: Randy McDowell

Day	Content / Standard	Core Standard	Skills / Objectives	Activities	Assessment
Monday	SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(706) Install a Ground Fault Circuit Interrupter (GFCI) Receptacle. (707) Install an Arc-Fault Circuit Interrupter (AFCI).	Lecture on AFCI protection, where required, what they do 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	SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(706) Install a Ground Fault Circuit Interrupter (GFCI) Receptacle. (707) Install an Arc-Fault Circuit Interrupter (AFCI).	Chapter 6 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) Worksheet completion
Wednesday	SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(706) Install a Ground Fault Circuit Interrupter (GFCI) Receptacle. (707) Install an Arc-Fault Circuit Interrupter (AFCI).	IDCI and surge suppression 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	No school	No school	No school	No school	No school
Friday	SWITCHES AND RECEPTACLES CIRCUITS POS 700	CC.3.5.11-12 A CC.3.5.11-12 B CC.3.6.11-12 C	(706) Install a Ground Fault Circuit Interrupter (GFCI) Receptacle. (707) Install an Arc-Fault Circuit Interrupter (AFCI).	Demonstration how to install GFCI and AFCI devices 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)

Weekly Lesson Plan WEEK 3 (Week of 9/13/21)

Implementing 21st Century Skills through: Critical and Creative Thinking, Communication and Collaboration

Program: ENC

Level 300

Teacher: Randy McDowell

Day	Content / Standard	Core Standard	Skills / Objectives	Activities	Assessment
Monday	AC/DC FUNDAMENTALS POS 300	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 (3062) Identify the parts of a complete circuit	Complete series circuit worksheet calculations. Work on task objectives Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Worksheet completion
Tuesday	AC/DC FUNDAMENTALS POS 300	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 (3062) Identify the parts of a complete circuit	Review together and discuss series circuit worksheet calculations. 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 300	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 (3062) Identify the parts of a complete circuit	Worksheets for Chapter 1.1 and 1.2 Work on task objectives Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Worksheet completion
Thursday	No school	No school	No school	No school	No school
Friday	AC/DC FUNDAMENTALS POS 300	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 (3062) Identify the parts of a complete circuit	Parallel Circuit lecture and demonstration of tracing properties in a parallel circuit Work on task objectives Apply NEC rules to task objectives	Daily Employability Grade (preparedness, attitude, punctuality, participation) Daily Skill Grade (Observation and oral questioning) Worksheet completion