

EA01C: LCR Circuits

Catalogue Number	77-EA01C-0000
Category	JobMaster
Duration	15 Hours

Introduction to LCR Circuits

Safety

Skill 1: Discharging a Capacitor

- 1.1: Capacitors
- 1.2: Skill Overview
- 1.3: Skill Drill
- 1.4: Concept Review

Skill 2 : Testing a Capacitor

- 2.1: Capacitor Failure
- 2.2: Skill Overview
- 2.3: Skill Drill
- 2.4: Concept Review

Skill 3: Determining Capacitance

- 3.1: Measuring Capacitance
- 3.2: Skill Overview
- 3.3: Skill Drill
- 3.4: Concept Review

Skill 4: Applying Capacitance Principles

- 4.1: Capacitive Reactance
- 4.2: Skill Overview
- 4.3: Skill Drill
- 4.4: Concept Review

Skill 5: Applying Magnetic Principles

- 5.1: Magnetism
- 5.2: Skill Overview
- 5.3: Skill Drill
- 5.4: Concept Review

Skill 6: Inducing a Magnetic Field

- 6.1: Electromagnetic Induction
- 6.2: Skill Overview
- 6.3: Skill Drill
- 6.4: Concept Review

Skill 7: Assembling an Electromagnet

- 7.1: Electromagnets
- 7.2: Skill Overview
- 7.3: Skill Drill
- 7.4: Concept Review

Skill 8: Applying Electromagnetic Principles

- 8.1: Skill Overview
- 8.2: Skill Drill
- 8.3: Concept Review

Skill 9: Inducing Voltage

- 9.1: Induction
- 9.2: Skill Overview
- 9.3: Skill Drill
- 9.4: Concept Review

Skill 10: Inducing DC Voltage

- 10.1: Inductance
- 10.2: Skill Overview
- 10.3: Skill Drill
- 10.4: Concept Review

Skill 11: Assembling & Operating Transformers

- 11.1: Skill Overview
- 11.2: Skill Drill
- 11.3: Concept Review

Skill 12: Applying Inductance Principles

- 12.1: Inductive Reactance
- 12.2: Skill Overview
- 12.3: Skill Drill
- 12.4: Concept Review

Skill 13: Operating Electromagnets

- 13.1: Skill Overview
- 13.2: Skill Drill
- 13.3: Concept Review

Skill 14: Drawing Inductance Symbols

- 14.1: Inductor Uses
- 14.2: Inductor Symbols
- 14.3: Skill Overview
- 14.4: Skill Drill
- 14.5: Concept Review

Comprehensive Post-Test