

EB04: Electronic Timers

Catalogue Number	EB04-0000
Category	JobMaster
Duration	15 Hours

How You Will Be Evaluated

Introduction to Electronic Timers and Triggers

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Skill 1: Locating Timer Pins

- 1.1: 555 Timer
- 1.2: Skill Overview
- 1.3: Skill Drill
- 1.4: Concept Review

Skill 2: Verifying a Monostable Timer Circuit

- 2.1: 555 Timer Pin Functions
- 2.2: 555 Timer Operation
- 2.3: 555 Timer in Monostable Mode
- 2.4: Skill Overview
- 2.5: Skill Drill
- 2.6: Concept Review

Skill 3: Connecting and Operating a 555 Timer in Monostable (One-Shot) Mode

- 3.1: Skill Overview
- Safety
- 3.2: Skill Drill
- 3.3: Concept Review

Skill 4: Verifying an Astable Timer Circuit

- 4.1: 555 Timer in Astable Mode
- 4.2: Other 555 Astable Applications
- 4.3: Skill Overview
- 4.4: Skill Drill
- 4.5: Concept Review

Skill 5: Connecting and Operating a 555 Timer in Astable (Multivibrator) Mode

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

Skill 6: Verifying a Pulse Train Circuit

- 6.1: Timer Applications
- 6.2: Skill Overview
- 6.3: Skill Drill
- 6.4: Concept Review

Skill 7: Connecting and Operating an Electronic Pulse Train

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

Comprehensive Post-Test