MURRAY STATE COLLEGE

Certificate in Basic Electrical Methods and Wiring
2026-27 Completion Check

Name:	**Completed by:**
ID:	**Date:**

Certificate Information

This certificate develops hands-on skills in electrical safety, AC/DC circuits, electrical measurements, and basic wiring. Students will gain industry-relevant skills in assessing voltage, current, resistance, and Ohm's Law, digital multimeter operation, reading electrical schematics and symbols, and troubleshooting basic electrical circuits.

Certificate Requirements

Courses (11 Credits)	**Credits**	**Grade**	**Semester**	**Notes**
IET-1223 AC/DC Electrical Systems	3			
IET-1413 Electrical Wiring and Fabrication	3			

Substitutions must be approved by Program Chair

Total Credit Hours Required: 6 **Min 2.0 GPA** ☐