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THE QUALITY ASSURANCE COMMONS
for HIGHER *and* POSTSECONDARY EDUCATION

BridgeValley Community & Technical College
Engineering Technology - Electrial

October 1, 2025

Program Summary

The Associate of Applied Science Engineering Technology Program – Electrical Concentration (AAS-ETEET) prepares graduates for employment in electronics, power generation and distribution, and other fields to meet the demands of local industry. The program provides a broad background in electricity, electronics, communications, industrial control, and electric machinery.

Strengths & Noteworthy Practices

The program excels in preparing students with the transferable skills employers value most—critical thinking, creativity, problem-solving, and digital fluency. Through hands-on labs, simulations, and exposure to evolving technologies, students learn to analyze complex systems, question assumptions, and make sound judgments under uncertainty while testing alternatives and connecting theory to practice. Immersion in professional-grade tools, programming environments, and digital platforms builds both technical reasoning and adaptability, ensuring graduates leave with the fluency and resilience needed to thrive in changing workplace environments. Strong employer partnerships, and integration of career support and student services, further connect classroom learning to workplace expectations and help students transition smoothly into successful careers.

The program's ABET accreditation provides an additional mark of quality, with Student Outcomes strongly aligned to theEssential Employability Qualities (EEQs). Together, these elements ensure graduates are not only technically competent but also workplace-ready, with the ability to grow in their careers and across industries.

BridgeValley Community & Technical College

ESSENTIAL EMPLOYABILITY QUALITIES
EEQ CERT
CERTIFICATION