

ASSOCIATE OF APPLIED SCIENCE DEGREE

Construction Technology: Electrical Option

The Construction Technology program prepares students for employment in the construction industry or in related occupations. The program is built around NCCER (National Center for Construction Education and Research) standards and is comprised of a core component covering basic building practices in carpentry, masonry, concrete, electricity, and plumbing plus an additional specialty module. Students may specialize in general construction, electrical, plumbing, energy efficient building, or construction management. This particular program of study addresses the electrical option with expanded coverage of advanced electrical practices.

Orientation 1 hour	
COLL	101
Communications 9 hours	
Written Communications (6 hours)	
ENGL	101* English Composition (3)
ENGL	203* Technical Report Writing (3)
Oral Communications (3 hours)	
SPCH	101* Fundamentals of Speech* (3)
Mathematics 3 hours	
BSAD	121* Business Mathematics (3)
MATH	104* Technical Mathematics (3)
Missouri Constitution 3 hours	
PLSC	103 National, State, Local Government (3)
HIST	106 U.S. History I (3)
Construction Technology Core 36 hours	
CONS	105 Intro to Construction Technology – CORE (3)
CONS	111 Carpentry Fundamentals I* (3)
CONS	114 Carpentry Fundamentals II* (3)
CONS	115 Carpentry Framing and Finishing I* (3)
CONS	117 Carpentry Framing and Finishing II* (3)
CONS	123 Basic Masonry* (3)
CONS	133 Basic Plumbing* (3)
CONS	143 Basic Electrical* (3)
CONS	173 Carpentry Forms I* (3)
CONS	175 Carpentry Forms II* (3)
CONS	223 Carpentry Advanced I* (3)
CONS	225 Carpentry Advanced II* (3)
Technical Specialty Option: Electrical 12 hours	
CONS	283 Advanced Electrical I* (3)
CONS	285 Advanced Electrical II* (3)
CONS	287 Advanced Electrical III* (3)
DRFT	105 Architectural Drafting (3)