

BASIC ELECTRONICS CERTIFICATIONS



ETA International offers four certification options for basic electronics.

➤ Electronics Modules

The Electronics Modules program is based on ETA's Associate level certification, divided into five modules.

EM - 1: DC

EM - 2: AC

EM - 3: Analog

EM - 4: Digital

EM - 5: Comprehensive

The purpose of this is to align with a growing portion of the electronics education industry that is charged with providing electronics training that does not include the total content of traditional Basic Electronics courses. In some instances, technical institutions are asked to provide training in only certain areas of electronics. This is so companies that need only narrower skills and knowledge (than one expects of a complete Associate CET) can employ workers who have required knowledge and skills for only the technology and processes they currently use at that company. To provide a path for the technician leading to the Associate CET credential, the five BASIC modules of the AST can be acquired individually. Once a technician attains all five module certifications, ETA will issue an official Associate certification (all five must be passed within a two-year period). The technician may also choose to gain only those modules needed in order to be employable. The Electronics Modules are also a great retention tool. *Each module - \$25.00*

➤ Associate Certified Electronics Technician

The second option is an Associate Level certification called the Associate Certified Electronics Technician. The Associate certification is designed for technicians who have less than two years experience or trade school training for electronics technicians. All Certified Electronics Technicians must pass the Associate exam before they can qualify to sit for the full Journeyman certification. Once a technician has completed the two year program they should also take a journeyman option. The Associate certification is only good for two years. After the two year period, a technician must take an option for the Journeyman certification. *CET - \$60.00*

➤ Student Electronics Technician

The Student Electronics Technician Certification is aimed for High School students. It allows high school students and entry level technicians, with minimal training to pass the two year Associate certification, the opportunity to earn a basic beginners certification. The Student Electronics Technician also has an optional Hands-On component that can be used as a part of the training process. *SET - \$30.00*

➤ Apprenticeship

The telecommunication Apprentice certification program is designed to measure the knowledge of basic direct and alternating current theory as well as basic technical mathematics necessary to start a training program in telecommunications. It is targeted towards those who wish to pursue a technical career in the telecommunications industry and want to demonstrate their ability and knowledge to benefit from an in-company or company sponsored technical training program. *APP - \$60.00*



Associate Study Guide

This book features 22 chapters authored by 16 practicing technicians and instructors from around the world, as well as new online practice exam and test site locator access.

*AST Book - \$60.00 (non-members/
\$50 (members) + S/H*