



**High-Tech. Hands-On.**

## What Do I Need To Know for the ESPA Exam?

The ESPA Certified-EST® Exam covers the following 5 main domains and their tasks.

<b>1. Electrical Basics</b>	
	1.1 Identify differences between AC and DC
	1.2 Identify differences between low-voltage and line voltage
	1.3 Identify the four basic units of measurement used with electricity, and be able to explain how they relate in Ohm's Law
<b>2. Tools</b>	
	2.1 Read and identify planning tools, including construction drawings and symbols on
	2.2 Identify the various types of documentation tools and methods used on a job/project
	2.3 Identify hand tools and their uses, storage, and maintenance
	2.4 Identify power tools and their uses, storage, and maintenance
	2.5 Identify test equipment and their uses, storage, and maintenance
<b>3. Construction Methods and Materials</b>	
	3.1 Identify construction methods to promote safety, productivity, and quality on a job/project.
	3.2 Identify construction materials to promote safety, productivity, and quality on a job/project.
<b>4. Wiring and Installation Practices</b>	
	4.1 Identify wire and cable materials
	4.2 Identify termination types, pin-out configuration, wire preparation and termination techniques, and connection points on cables and equipment
	4.3 Identify color code standards for telephony, speakers, data, and video
	4.4 Identify the use of fasteners, anchors, and back boxes used to mount cable and other
	4.5 Identify installation techniques and procedures
<b>5. Standards, Codes, and Safety Practices</b>	
	5.1 Identify the concept of industry accepted standards and best practices.
	5.2 Identify applicable building codes.
	5.3 Identify applicable safety practices.

## How Do I Prepare for the ESPA Certification?



**Gateway to your EST Career.**

**There are several ways to prepare for the ESPA exam:**

**Online Training** – Self-paced, online courses are available ranging from the Full Curriculum to individual module training. The best choice for those who want to learn on their own.

**Printed Review Guide** – The ESPA Review Guide is a single volume that covers the knowledge base needed for certification. Can also be used as a supplement to Online Training.

**At a School** – Many high schools, technology schools & community colleges offer the ESPA Curriculum & Certification.

Unsure where to start? Simply contact us at 317-222-3250 or via e-mail at [training@espa.org](mailto:training@espa.org) and we'll help you find the right path.