

# CCST Certification

What, Why, Who, and How

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## FORMAT

30 minute presentation

## KEYWORDS

Certification, Assessment, Proficiency, Recognized, Requirements

## ABSTRACT

**WHAT** - CCST Certification is a formal recognition of individuals who have demonstrated proficiency within, and comprehension of, a specialized body of knowledge. ISA's Certified Control Systems Technician Program (CCST) offers third-party recognition of technicians' knowledge and skills in automation and control.

**WHY** - ISA CCST certification provides an objective confirmation of a person's skills, and gives them the opportunity to stand out from the crowd and be recognized. Being a CCST can also help you gain respect from management and your peers, advance your career, and earn you credibility. If you are a manager and looking for qualified technicians, or you need to document and verify your current technicians' knowledge and skills, the CCST program can also help.

**WHO** – Individuals who calibrate, document, troubleshoot, and repair/replace instrumentation for systems that measure and control level, temperature, pressure, flow, and other process variables.

**HOW** - CCST certifications are available at three levels, and each level requires the successful completion of an examination. The CCST examination is only one requirement for certification. The candidate must also meet minimum requirements comprised of work experience and education. Complete documentation of this work experience and education are a MUST to fulfill the following requirements to qualify for each level of testing:

Level I - Five-year total of education, training, and/or experience

Level II - Seven-year total of education, training, and/or experience

Level III - Thirteen-year total of education, training, and/or experience

The ISA CST Associate program will give you a recognition that demonstrates your commitment to a career in automation and control and shows that your educational accomplishments are only the beginning.

An ISA CST Associate will have specialized work experience and/or an educational background in instrumentation and control or a related field and be able to successfully complete the ISA CST examination. The ISA CST Associate examination is designed to measure a fundamental understanding of knowledge in instrumentation and control.

This recognition program is not a certification. Those who take the CST Associate examination may be interested in pursuing the ISA Certified Control Systems Technician program, once the education and/or experience level reaches five years. Successfully completing the CST Associate exam equals one year of education good toward the Level I CCST requirements.

### **ABOUT THE AUTHOR**

**Daniel Machado** *joined the Cobb County Water System 8 years ago and is the Technology Support Group Manager. Daniel has 30 years of experience in the water/wastewater sector. The majority of that time was spent as a Systems Integrator. In his capacity as a System Integrator Daniel managed projects, start-ups and commissioning of water and wastewater projects nationwide. Daniel was certified by and joined the ISA in 2002.*