



The INCOSE Certification Program for Systems Engineering Professionals

The International Council on Systems Engineering (INCOSE) is a professional society with individual members around the globe. INCOSE has local chapters throughout the US and holds two major events each year: the International Symposium in July and the International Workshop held annually in late January. A major objective of INCOSE is to promote systems engineering knowledge, and one way of doing this is through the INCOSE Certification Program.

The **Associate Systems Engineering Professional (ASEP)** recognizes individuals as knowledgeable but without demonstrated SE experience. The qualification for the ASEP is possession of SE knowledge typical of a junior systems engineer, as evidenced by passing the knowledge exam.

The **Certified Systems Engineering Professional (CSEP)** recognizes systems engineering practitioners who have demonstrated knowledge and experience in many aspects of the discipline. The qualifications for this level include education, SE knowledge, and SE experience that serve various job profiles of an experienced, all-round systems engineer.

The **Expert Systems Engineering Professional (ESEP)** certification is for those system engineers who have distinguished themselves by demonstrating both substantial experience and technical leadership. The ESEP has a broader and deeper experience in performing and leading systems engineering than the CSEP. The ESEP has at least twenty years of systems engineering experience and is the person others seek with specific, challenging, technical questions. He or she is not an expert in all aspects of systems engineering but is the expert for some aspects of SE and could perform adequately in many.

Options for Academic Institutions

INCOSE's Certification Program works with universities in several different ways, all at no costs to the university or to students who don't wish to become certified. These streamlined approaches encourage student engagement with INCOSE.

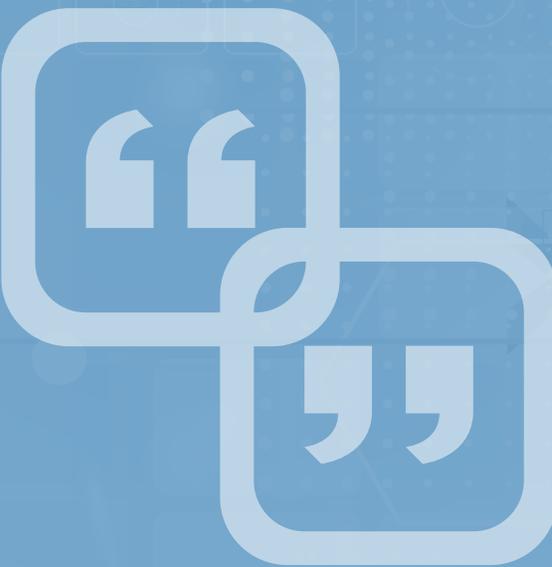
- Reduced INCOSE membership fees for full-time students
- Paper exam hosted on campus, no cost
- Paper exam hosted in SE class, participation or passing scored counts toward class grade, no cost
- Academic program recognized as equivalent substitute for INCOSE knowledge exam

Learn More: www.incose.org/certification

Employers Listing INCOSE Certification as Desired or Required for SE Job Postings

Aspiration Software
Barrios
Belcan Government Services
Booz Allen Hamilton
Central Intelligence Agency
ClearMotion
DRS Technologies
Engility
Georgia Tech Research Institute
IDEMIA
INNOVIM
JB Management
KBRWyle

Leidos
Lockheed Martin
Logistics Management Institute
The Mitre Corporation
National Geospatial-Intelligence Agency
Newbrook
Noblis
Northrop Grumman Corporation
Oceaneering
OG Systems
Raytheon
SAIC
Sanmina Corporation
Vencore



Being certified as an ESEP by INCOSE has been one of the most valuable investments I have made for the development and progress of my career. I was the first to achieve this certification in IBM so it instantly marked me as someone with a proven background and knowledge of systems engineering. Years later, I find that my ESEP certification is an important qualification for new opportunities, as it documents 25 years' experience across multiple knowledge and domain areas within systems engineering and serves as an independent verification of my experience. In fact, ESEP was listed as a preferred qualification for my current position in Raytheon.

Barclay R. Brown, Ph.D., ESEP
Engineering Fellow
Raytheon Company

I like to say it takes two things to become certified. First, it takes being qualified, and second it takes doing the work to get the certification. There are probably many systems engineers qualified to be an ESEP, but relatively few who are willing to do what it takes to get the certification. Though it takes a little work to gain the certification, in my opinion it's a very worthwhile investment in your profession and your career. Along with a PhD in systems engineering, I consider ESEP to be my most important and valuable qualification.

www.incose.org/certification