

# INCOSE CSEP/ASEP Preparation

Helping You Earn the Coveted Systems Engineering Professional Recognition

## Summary

- Four-day course (three-day Boot Camp also offered)
- Provides a systemic overview of how to prepare for the International Council on Systems Engineering (INCOSE) Certified Systems Engineering Professional (CSEP) and Associate Systems Engineering Professional (ASEP) certifications
- Focuses on the overall INCOSE certification process and how to submit a high-quality application
- Participants will learn the fundamental principles of Systems Engineering necessary to pass the certification examination
- Follows the basic outline and conventions of the INCOSE Systems Engineering Handbook Fourth Edition – the basis for the CSEP & ASEP knowledge examination
- Participants will complete several in-class exercises to solidify the concepts being presented
- Practical test-taking strategies will be presented and students will be exposed to sample questions similar to what they will encounter on the exam
- Each student will receive a complete set of lecture notes, a copy of the INCOSE SE Handbook (an \$80 value), and an annotated bibliography

## What You Will Learn

- Background and perspectives on the INCOSE Systems Engineering certification program
- All of the key topics in the latest INCOSE Systems Engineering Handbook Fourth Edition
- How to effectively plan and manage your certification application
- How to effectively prepare for and take your certification exam
- What it truly means to be an INCOSE Systems Engineering Professional

## Instructor – David D. Walden, ESEP

- An internationally recognized expert in the field of Systems Engineering
- Over 30 years of industry experience
- Taught over 100 courses to over 1600 students since 2006
- INCOSE Expert Systems Engineering Professional (ESEP)
- Senior Member of the IEEE
- Lead Editor of the INCOSE SE Handbook Fourth Edition
- INCOSE Certification Program Manager 2007-2013
- Education
  - MS in MOT, University of Minnesota
  - MS in EE & CS, Washington University in St. Louis
  - BS in EE, Valparaiso University



Learn from the Lead Editor  
of the INCOSE SE Handbook  
and former INCOSE  
Certification PM!

## Course Outline & Topics

- 1. The INCOSE Certification Program.** CSEP and ASEP Overview. Requirements for Certification. Application Process. Basis of the Examination. Renewal Requirements.
- 2. Systems Engineering Handbook Chapters 1-3.** Scope (Chapter 1). Systems Engineering Overview (Chapter 2). Systems Engineering Life-Cycle Stages (Chapter 3).
- 3. Systems Engineering Handbook Chapters 4-7 & 10.** Technical Processes (Chapter 4). Specialty Engineering (Chapter 10). Technical Management Processes (Chapter 5). Agreement Processes (Chapter 6). Organizational Project Enabling Processes (Chapter 7).
- 4. Systems Engineering Handbook Chapters 8-9.** Tailoring and Application of Systems Engineering (Chapter 8). Cross-Cutting Systems Engineering Methods (Chapter 9). Handbook Appendices.
- 5. Your Path to becoming an INCOSE Systems Engineering Professional.** Application Preparation. Exam Preparation/Self-Study. Scheduling the Exam. Taking the Exam.
- 6. Sample Examination & Wrap-up.** Sample Examination. Being a Systems Engineering Professional. Maintaining Your Credentials. Course Wrap-up.

**Standard Course - 4 Days**  
**Typical Schedule 8:30am-4:00pm**

**Boot Camp – 3 Days**  
**Typical Schedule 8:00am-5:30pm**

**Helps you earn your CSEP or ASEP!**

Please contact Sysnovation for  
availability, customization, and pricing.