

INCOSE ASEP/CSEP Exam Preparation

PRESENTATION

The System Engineering is a methodological discipline, including all interdisciplinary activities for the design, development, verification and validation of any complex system, a structured manner, throughout its life cycle. Among all players Aerospace, Space and Defence as well as their partners, need to set up teams of engineers, trained in this system vision, capable of understanding all the processes as a whole, is confirmed. They demand more and more that these engineers need to be certified.

This training is for everyone, engineers and managers looking to experience the process of system engineering for complex projects. General notions of System Engineering, project management or a first field experience in systems development is a plus.

OBJECTIVES

Prepare for the examination of the INCOSE Certification, unique certification in System Engineering. Success in this examination may be based on the candidate's experience in order to obtain one of the following two certifications:

- ASEP (Associate Systems Engineering Professional) and / or
- CSEP (Certified Systems Engineering Professional).

Both certifications require a knowledge check on the System Engineering INCOSE guide (SE Handbook 4th Edition, 2015, A guide for system life cycle processes and activities).

PROGRAM

Day 1-

General introduction and welcome to trainees.
Training program overview
INCOSE general presentation
Certification process overview
SE Handbook Scope (Chap 1)
Systems Engineering Overview (Chap 2)
Generic Life Cycle Stages (Chap 3) and Con't

Day 2-

Technical Processes (Chap 4) - Part 1

Day 3-

Technical Processes (Chap 4) - Part 2

Day 4-

Technical Management Processes (Chap 5)

Agreement Process (Chap 6)
Organization Project Enabling Process (Chap 7)

Day 5-

Tailoring Process and Application of Systems Engineering (Chap 8)
Cross-cutting Systems Engineering Methods (Chap 9)
Specialty Engineering Activities (Chap 10)

TECHNICAL RESSOURCES

Case Study.

EVALUATION

The training sessions are conducted on a face-to-face basis.
ASEP/CSEP Exam.



Duration: 3 days + 2 days (35 hours)

Price AIS site: Starting by 3 000€ each

Price Customer site: on request.

Price direct online Or mix online/offline: on request.

INCOSE registration via AFIS : 162€

INCOSE Exam fees: 180\$ ASEP, 350\$ CSEP

Registration Prometric exam center (120 \$):

<https://www.prometric.com/test-takers/search/incse>

INFORMATION:

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