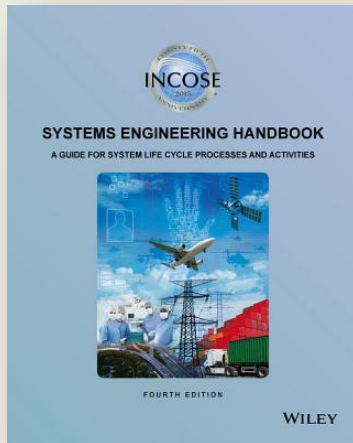


Understanding and Applying the INCOSE SE Handbook Fourth Edition



SCHEDULE

08:00-08:30	Check-in and Continental Breakfast
08:30-10:00	Session 1: Introduction & General Concepts
10:00-10:15	Break
10:15-11:45	Session 2: Key SE Processes – Technical, Engineering Specialties
11:45-12:45	Lunch Break
12:45-14:15	Session 3: Key SE Processes (cont.) – Technical Management, Agreement, Organizational Project-Enabling
14:15-14:30	Break
14:30-16:00	Session 4: Application of the Handbook & Tutorial Wrap-up

All attendees
will receive a copy
of the Fourth Edition
of the INCOSE SE
Handbook, an
\$80 value!

Tutorial Instructor David Walden, ESEP

Lead Editor, INCOSE Systems Engineering Handbook
Co-Owner and Principal Consultant, Sysnovation, LLC



Advance registration required. This tutorial is limited to the first 30 people to register. Don't delay!

Register Online:

<http://incosechicagoland2015falltutorial.eventbrite.com>



Location: IBM

[10 N. Martingale Rd.](#), 3rd Floor
Schaumburg, IL 60173

INCOSE Chicagoland Chapter Tutorial

Understanding and Applying the INCOSE SE Handbook Fourth Edition

The Fourth Edition of the INCOSE Systems Engineering Handbook (SEH) was published by Wiley in July of 2015 (ISBN-13: 978-1118999400). The objective of the SEH is to describe key process activities performed by systems engineers and other engineering professionals throughout the life cycle of a system. It also describes a wide range of fundamental system concepts that broaden the thinking of the systems engineering practitioner, such as system thinking, system science, life cycle management, specialty engineering, system-of-systems, and complex systems. This handbook defines the discipline and practice of systems engineering for students and practicing professionals alike, providing an authoritative reference that is acknowledged world-wide.

The objective of this one-day tutorial is to provide a top-level overview of the handbook and how it can be used to plan, manage, and realize complex systems within the context of demanding business constraints. Participants are introduced to key Systems Engineering terminology, concepts, and principles in the handbook, answering questions such as:

- What is Systems Engineering and why is it important?
- Why is the INCOSE SEH relevant to you and your organization?
- What are the key Systems Engineering processes in the SE Handbook?
- How can you use the material in the SE Handbook to make a difference on your projects?

Note: this tutorial is a one-day overview and does not include the level of detail typically presented in an INCOSE Systems Engineering Professional (SEP) preparation course.



**David
Walden,
ESEP**

David D. Walden, ESEP, is co-owner and principal consultant for Sysnovation, LLC, a company he formed in 2006. Sysnovation, based out of Shakopee, Minnesota, USA, is focused on Systems Engineering consulting and education/training. At Sysnovation, Mr. Walden has assisted numerous clients improve their Systems Engineering effectiveness. He has served as a coach/mentor, an independent reviewer, major review (e.g., PDR, CDR) coordinator, Systems Engineering Subject Matter Expert (SME), and process consultant. He has created and taught numerous Systems Engineering courses and tutorials, including a distance learning on-line variant of a Systems Engineering Principles course. Previously, Mr. Walden was with General Dynamics Advanced Information Systems for 13 years and worked at McDonnell Aircraft Company for 10 years.

Mr. Walden serves as an editor of the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook and as a liaison to ISO/IEC JTC1/SC7 Working Groups 10 and 20. He was the Program Manager of the INCOSE Certification Program from 2007-2013. He has an M.S. in Management of Technology (MOT) from the University of Minnesota, an M.S. in Electrical Engineering and an M.S. in Computer Science from Washington University in St. Louis, and a B.S. in Electrical Engineering from Valparaiso University in Indiana. Mr. Walden was one of the first to earn the INCOSE Certified Systems Engineering Professional (CSEP) credential in 2004 and was awarded the INCOSE Expert Systems Engineering Professional (ESEP) credential in 2011.

What is INCOSE?

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the interdisciplinary principles and practices that enable the realization of successful systems.

INCOSE's Mission is to share, promote and advance the best of systems engineering from across the globe for the benefit of humanity and the planet.



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