5-DAY COURSE

SYSTEMS ENGINEERING

Fulfilling the Promise of Innovation on Demand

Years of Learning in a Single Week

The potential of Systems Engineering is extraordinary, and creates almost unlimited opportunity for professionals with the practical skills and process understanding needed to *engineer systems more effectively*. PPI's approach to sharing SE uses expert presentations, discussions, and team workshop activities. We cover core areas of SE conduct, and explain how each of these elements functions within a development system. You'll discover that SE offers a rich body of sound engineering and management methods that benefit the entire enterprise.

Earn CE/CPD Credit

PMI Talent Triangle® Suggested PDUs

- 35 Technical Project Mgt
- 2 Leadership
- 3 Strategic & Business Mgt

INCOSE Certified Systems Engineering Professional (CSEP)

- 40 Continuing Education PDUs

Designed for Busy Professionals Like You

The course was designed with overall development success in mind, and balances theory with a host of practical tools, tips and advice. While valuable to anyone who holds development responsibility, the primary beneficiaries include:

- Program and project management
- Engineering leadership and engineers
- Quality, security, specialty engineering areas, system test, operations and support.

Offering a Lifetime of Benefit

Upon course completion, participants will have the ability to create new value in many ways:

- Perform each of the major SE activities, and explain how the SE tasks are integrated into overall project execution.

- Translate fuzzy stakeholder intentions into valid and verifiable requirements, enabling manageable traceability between needs and solutions.

- View all requirements and design as a model, representable in many ways, and recognize when to invest in creation of MBSE and other formal expressions.

- Utilize SE to identify and champion the "voice of everyone" throughout the system life cycle, thereby eliminating entire classes of system risk exposure.

- Effectively apply the logic of SE to fit widely differing needs, ranging from selective use of a few key tools to substantial adoption on major projects.

- Unleash your inner entrepreneur and use SE to launch the product of your dreams.

Over 18,000 Professionals Trained Across 41 Countries

PROJECT PERFORMANCE INTERNATIONAL

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PPI-008150-1

Exceptional Presenters Include ...

Robert Halligan
FIE Aust CPEng IntPE(Aus)
Managing Director, Consultant & Course Presenter

Mr. Robert Halligan is an executive project manager, engineering manager and engineering practitioner, known internationally for his role in the advancement of SE practice. He is an authority on the strengths and weaknesses of a wide range of relevant systems engineering-related standards, and has consulted extensively in the areas of functional analysis, requirements quality and their relationship to project risk.

John Fitch
BS EE and Physics, ESEP
Principal Consultant & Course Presenter

John Fitch has over four decades of engineering, engineering management, consulting and training experience. John has over 20 years of consulting experience in systems engineering with a focus on decision management, requirements management, risk management, systems design, product/technology road-mapping and innovation. Original work by John on Decision Patterns is ground-breaking.

Rave Reviews

It hit the mark
for what is missing in our organization.

Came in with an open mind and learned much more than I expected.

The course emphasizes areas that are overlooked by project management like the importance of writing good requirements and identifying bad ones.

The instructor was unquestionably a master of his material. Managed to pitch the material so that varying levels of expertise could get a great deal out of the course.

What an unexpected pleasure to attend.
Although I knew nothing about the class before I entered, it has helped me put the past quarter century of my life in perspective.

My expectations were greatly exceeded.

Really enjoyed the course.
Excellent information, content and great instructor.

It's Easy to Enroll

Choose from our current schedule of open enrollment sessions available worldwide, or contact us to arrange training for your team.

Find a seat in an open enrollment course or review detailed course description.

Contact us to arrange dedicated training sessions for your organization.

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We deliver outstanding training and consulting to many hundreds of enterprises, from Fortune100 companies (presently 18% of them) to small start-ups. PPI is a truly international company, with personnel based in eight countries, and clients across six continents benefiting from our work.

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