



SYSTEMS ENGINEERING: IN A NUTSHELL

Nächste Termine

28.04.2023

30.06.2023

27.10.2023

Kursbeschreibungen

Are you curious about the role of a Systems Engineer? How are they different to other engineers and what benefits do they bring to teams and organisations? Are you considering employing a systems engineer but would like to have more clarity about the role first?

Or perhaps you would like to understand the discipline of Systems Engineering a little more? What is it and why does your company need it? How can it enhance complex product design, development and realisation? How does Systems Engineering relate to your department?

If these are the questions that you would like the answers to then let Systems Engineering expert Mike Johnson help. He will explain the who's, what's and why's of Systems Engineering in a straightforward way. By giving you real-life examples of how Systems Engineering can add value to your organisation and efficiency to your

projects (think improved processes, revenue targets, quality & performance) you will have a clear understanding of both the role and the discipline.

Mike will also discuss pointers to include in your job advertisements for Systems Engineers' positions as well as highlight which qualifications, experience and skills make a well-rounded Systems Engineer.

You will also learn some handy tips for interview questions so you can feel confident in selecting a suitable candidate for your team/organisation.

This is an interactive course with opportunities to ask questions throughout.

Lernziele

- Understand the basic principles of the Systems Engineering discipline benefiting the adjacent departments such as, Human Resources, Quality, Procurement, Finance, Operations and Support.
- Understand the value of Systems Engineering.
- Understand the role and responsibilities of a Systems Engineer.
- Understand the value a Systems Engineer can add to a team or organisation.
- Understand how to attract a quality Systems Engineer to your company when advertising for a position.
- Know what to ask in an interview.
- Know what to look for when selecting a candidate.

Wer Sollte Teilnehmen?

- Human Resources
- Quality engineering Department
- Finance and Procurement Departments
- Operations and Support Departments

Teilnehmergebühren

Early Bird: 360 CHF | Regular: 400 CHF

Dauer

1.0 tag

Trainer



Mike Johnson

Mike hat in unterschiedlichen Rollen in der Produktentwicklung vorwiegend im Bereich der Verteidigungs- und Luftfahrtindustrie gearbeitet, nachdem er seinen Master-Abschluss in Photonics und Optoelektronischen Geräten an der University of St. Andrews, UK, erhalten hat.

Mike hat immer in der Rolle des Systems Engineer gearbeitet und führte technische Entwicklungen mit interdisziplinären Teams. Er arbeitete fünf Jahre bei RUAG Space, Zürich. Während dieser Zeit wechselte er in das Management und führte die Systems Engineering Gruppe in die Produkteinheit Optoelektronik und Instrumente. Darüber hinaus gab er Systems Engineering Schulungen für Mitarbeiter des ganzen Unternehmens.

Mike übernahm anschliessend die Leitung des Systems Engineering Teams bei Roche Diagnostics International in Rotkreuz, Schweiz. Er bringt nun leidenschaftlich seine Erfahrungen und Kenntnisse der Systems Engineering an die Healthcare-Branche ein.

Mike ist begeistert von der Produktentwicklung und vor allem der Anwendung von Systems Engineering Methoden. Er ist einer der Gründer der Swiss Society of Systems Engineering (SSSE) und nimmt regelmäßig an IET- und INCOSE-Vorträgen / Seminaren teil. Er organisiert SWISSED, die Jahreshauptkonferenz der Schweiz für Systems Engineering.

Mike präsentiert regelmäßig auf Engineering-Konferenzen, darunter vor kurzem am SWISSED, UpFront Thinking und das INCOSE International Symposium.

Mike hat sowohl die CEng (IET 97325920) als auch die CSEP-Akkreditierungen erworben.