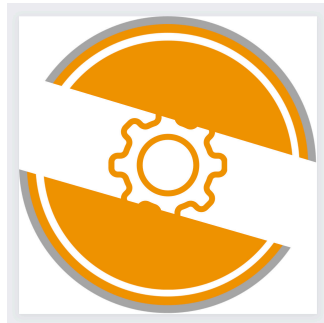




SYSTEMS ENGINEERING: IN A NUTSHELL

Prossime Date

17.05.2024

12.07.2024

Descrizione del Corso

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.

Risultati di Apprendimento

- 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.

Partecipanti

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

Prezzi del Corso

Early Bird: 360 CHF | Regular: 400 CHF

Durata

1.0 giorno

Istruttore



Mike Johnson

Mike ha lavorato in impegnativi ruoli di sviluppo di prodotto prevalentemente nell'industria spaziale e della difesa dopo aver completato il suo Master in fotonica e dispositivi optoelettronici presso l'Università di St. Andrews, Regno Unito.

Mike ha sempre lavorato nel ruolo di Systems Engineer, gestendo sviluppi tecnici che coinvolgono team interdisciplinari spesso costituiti da ingegneri meccanici, elettrici, tecnologici, software e ottici. Ha lavorato presso RUAG Space di Zurigo per cinque anni. Durante questo periodo è passato al management, conducendo il gruppo di Systems Engineering nell'unità di optoelettronica e strumenti. Inoltre ha dato corsi di formazione di Systems Engineering ai dipendenti in tutta l'azienda.

Mike si è trasferito a Roche Diagnostics International per guidare il team di Systems Engineering a Rotkreuz, in Svizzera. Ora sta applicando con passione la sua esperienza e conoscenza in Systems Engineering al settore Healthcare. Mike è appassionato di sviluppo di prodotto e soprattutto di applicazione di Systems Engineering. È uno dei fondatori della Società Svizzera di Systems Engineering (SSSE) e partecipa regolarmente a IET sede Svizzera e a lezioni/seminari di INCOSE. È l'organizzatore di SWISSED, conferenza annuale Svizzera sul Systems Engineering.

Mike presenta regolarmente a conferenze d'ingegneria, tra cui di recente a SWISSED, UpFront Thinking ed al INCOSE International Symposium.

Mike ha ottenuto sia il CEng (IET 97325920) che il certificato CSEP.