Understanding Modern Engineering
An introduction to computing concepts for non-techies

Development teams speak their own language and the pace at which technology is moving makes keeping up difficult. This course is for non-technical people who want a high level understanding of the tools and tech stack used in modern engineering environments. Improve your ability to communicate with your technical teams and better understand their challenges.

1 & 2 day versions of the course are available with customizations upon request.

Topics

• Basic computing concepts
• Networks and distributed systems
• How the web works
• How the Cloud works and differences from data centres
• Popular programming languages and toolkits
• Database concepts
• How programmers manage code
• Common programming problems
• Automated testing
• Software architecture
  • Monoliths vs micro services
  • Challenges of scale
• Automated deployment

The course is interactive using hands-on exercises, analogies, and games to make learning easy, fun, and long lasting.