

ENGINEERING SYSTEMS AND DESIGN (ESD)

THE ENGINEERING SYSTEMS AND DESIGN PROGRAMME

Engineering Systems and Design (ESD) is an interdisciplinary integration of design science, data science, decision science, operations analysis, finance, and economics. These tools are brought to bear on the design, analysis, and optimisation of engineering systems with wide applications in aviation, supply chains and logistics, financial services, urban infrastructure systems, health care delivery systems, transportation systems, security and defense systems, energy production and distribution systems, and many more.

A GATEWAY DEGREE TO AN EXCITING CAREER



EXAMPLES OF JOB TITLES HELD BY ESD GRADUATES:

- Analyst / Systems Analyst
- Applications / Systems Programmer
- Assistant Brand Manager
- Associate / Management Associate
- Business Analyst
- Business Development Executive
- Business Management Graduate
- Cadet Administrator
- CIO / CTO / Chief Security Officer
- Data Analyst / Scientist
- Distributor Data Analyst
- Engineer / Engineering Executive
- Financial Analyst
- Industrial and Production Engineer
- Inflight Services Executive (Ops Planning)
- IT Specialist
- Management Consultant / Executive / Trainee
- Mathematician, Operations Research Analyst and Actuary
- Naval Systems Engineer
- Operation Director
- Operations Executive (Transport)
- Planner
- Process Engineer / Process Excellence Engineer
- Research Officer
- Sales and Marketing Manager
- Statistician
- Supply and Distribution / Logistics / Warehousing Manager
- Technology Consultant