Systems Engineering

BAE SYSTEMS

Typhoon

SYSTEMS ENGINEERING

SYSTEMS ENGINEERING CAPABILITIES

Systems Engineering is an exciting and rewarding career in BAE Systems. Systems Engineers are the vital link between electrical, mechanical and software engineering to ensure that we provide our customers with robust product solutions that meet their needs in terms of cost, quality and schedule.

Systems Engineers work with our customers to understand their complex requirements and develop solutions that balance cost, schedule and risk to provide the maximum capability at an affordable price. They then play a key role in designing and validating these solutions for a range of military and commercial avionics systems. Systems Engineers work at product level, leading and supporting technical activities across the whole engineering lifecycle from requirements capture, functional and behavioural modelling and design through to integration, validation and installation.

Our customer solutions embrace state-of-the-art technologies and many of our products push the boundaries of possibility. Our Systems are validated to the highest military and civil safety standards and our Systems Engineers ensure that the appropriate development approach and rigour is employed to ensure that our products are safe and can be successfully certified for use in the most demanding of environments.

- Definition, allocation and management of customer requirements
- Functional and behavioural analysis and design
- Demonstration of compliance to customer requirements and certification of design
- Systems integration and fault-finding
- System validation to demonstrate that the system meets its requirements
- Industry standard tools such as DOORS and MATLAB
- Domain expertise in Flight Controls, Aircraft Displays or Electro-Mechanical Systems
- Strong team players
- Energetic and success orientated

Hawk

UH-60

Nimrod

Want to be part of it?

Defence Avionics Careers
If you think you are ready for a demanding challenge, and have the skills and competencies that match the role, please get in touch.

FOR MORE INFORMATION:

For details of current vacancies
- visit www.baesystems.com/defenceavionics
- email your cv and/or details of areas of interest to: opportunitiesatrochester@baesystems.com
- Call 01634 203450.

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