



Test & Evaluation Sovereign Skills Program

Test & Evaluation System Engineer

Our global structured and bespoke Test & Evaluation (T&E) Sovereign Skills Program aims to build and enhance T&E skills in Australia.

By training, mentoring and coaching individual participants on the program in one of nine roles, they will have the knowledge and skills needed to work in partnership with our customers, supporting them with their increasingly complex T&E projects.

The program leverages QinetiQ's unrivalled T&E experience and expertise for the benefit of our customers globally, and reinforces and complements QinetiQ's strategy to remain a world leader in T&E.

The System Engineer is one of nine roles available to apply for as part of the program.

Please know that this profile is indicative and that we would still love to hear from you even if you feel you have only a partial skill match. We promote a diverse and inclusive culture and will support you to build the additional T&E skills you'll need for the future, as part of our innovative and highly experienced teams.

Role Purpose

The T&E System Engineer will provide engineering and technical advice to valued customers on multiple aspects of design, development and acceptance of the platform, and complex system engineering and integration deliverables.

Leading and coordinating a team of specialist engineers to deliver quality outputs for a complex and fast moving program, to reflect customers prevailing requirements.

Reporting delivery progress against the plan, risk, challenges and opportunities to both internally and to the customer. The role is central in assuring that the T&E solution meet all product safety, certification, testing, system integration and supportability requirements and supporting contract delivery.

Key Accountabilities

- Provide customers with timely, safe and cost effective solutions and advice to test and evaluate concepts, procurement and design on current and future platforms
- Provide assurance of test and evaluation concepts, procurement and design in-line with current QinetiQ test and evaluation principles, practice and governance.

Key Capabilities/Knowledge

Should ideally be able to demonstrate knowledge, skills, behaviours of the areas listed below. At the time of appointment, all participants will undergo a development needs analysis (DNA) with an SME against a competency matrix and then a development plan designed to meet any gaps identified.

The requirement to hold these knowledge, skills and behaviours is a safety critical requirement to support the participant to undertake the role in a safe and appropriate manner.

Requirements:

- Engineering and integration of complex systems and/or combat systems
- Design and development of test and evaluation processes, systems, services and products. With application in one (or more) of air, land and/or maritime domains
- Understands the wider industry and key stakeholders within the sector. This may include the defence sector, commercial environment or international influences
- Experience of trials and acceptance activities
- Ability to identify and mitigate T&E risks
- Ability to ensure that a trial complies with all safety and regulatory requirements
- Understands how to deploy and embed appropriate T&E safety management systems as part of the program lifecycle such as As Low As Reasonably Practicable (ALARP) principles risk management
- Understands the working environment and the human factors considerations
- The application of system engineering principles to one or more complex programs, tailoring where appropriate
- Confident and competent in translating technical observations and details into operational impact for all stakeholders
- Demonstrate competence in written and verbal communication, engagement and briefing skills
- Ability to oversee system analysis and design
- Ability to conduct customer proposal development
- Ability to give support to site operations in order to manage site governance and compliance
- Operates with competence and integrity
- Thrives upon successfully delivering as part of diverse and multi-national team within a global company
- Ability to manage, influence and build long lasting stakeholder relationships.

Experience & Qualifications

A minimum of 5 years in military engineering or related Defence industry role.

OR

Demonstrates understanding and or experience of delivery of complex programs, knowledge of safety critical environments and how to operate in this context; demonstrates knowledge or experience of successfully partnering with a customer to deliver.

Qualification Requirements:

Degree in Engineering (Aerospace, systems engineering, maritime or other relevant specialisation)

Other:

In order to commence with the program all participants must have the required home country security clearance equivalent to the UK Security Clearance.

QinetiQ

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