QINETIQ

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 individuals 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.

This 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 programme, to reflect customer's 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 meets 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 of the areas listed below. Where the role holder does not hold these at the time of appointment a development plan will be in place to close the identified development gaps.

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

Requirements:

- Engineering and integration of complex systems and/or combat systems

- The application of system engineering principles to one or more complex programmes, tailoring where appropriate

- 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 and international influences.

- Develops and maintains long lasting stakeholder relationships

- Experience of trials and acceptance activities

- Comfortable and competent in translating technical observations and details, into operational impact for the customer and end customer

- Operates with integrity and competence

- Thrives upon successfully delivering as part of diverse and multi-national team within a global company

- Ability to identify and mitigate T&E risks

- Understand how to deploy and embed appropriate T&E safety management systems as part of the programme lifecycle As Low As Reasonably Practicable (ALARP) principles risk management

- Understand the working environment and the human factors considerations.

- To ensure the product complies with all safety and regulatory requirements, product can be a trial, equipment, platform lead the completion of conformance reviews

- Ability to manage, influence and build long last stakeholder relationships

- Working knowledge of radio frequency engineering

- Demonstrated competence in written and verbal communication, engagement and briefing skills

Experience & Qualifications

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

OR

Demonstrated understanding and or experience of delivery of complex programmes; knowledge of safety critical environments and how to operate in this context; demonstrated knowledge or experience of successfully partnering with a customer to deliver.

Where the role holder does not currently hold a depth of defence sector knowledge or experience a comprehensive development plan will be in place to support the role holder in building the knowledge and capabilities described above.

Qualification Requirements:

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

Other:

Must have or be able to obtain the required security status for the UK and Australia.

QINETIQ