

E&SD Systems Engineer

Provide support to the management of through life integration activities for electro-mechanical systems.

Discipline	Engineering - Systems Engineer
Employment Basis	Full Time
Location	<u>Burghfield</u>
Salary Range	£20,000 to £27,000 dependent on experience
Job Reference	27/05/01/651029

Key accountabilities

1. Responsible for the delivery of Integration tasks.
2. To contribute to and implement project plans.
3. To provide information for the preparation of bids and maintenance of financial control of budgets against WES programmes.
4. To identify and report risks associated with WES programme activities.
5. Responsible for the preparation of WES strategies and technical support throughout the whole project life cycle

Responsibilities

1. Understand and discharge responsibilities with regard to AWE's Company Security, Quality, Environment, Safety and Health Standards.
2. To support WES Integration Team Leader as required.
3. Forge and/or maintain relationships with technical stakeholders in the acquisition of Warhead Electrical Systems and/or components.
4. Maintain awareness of Systems Engineering best practice and wider systems issues.

Qualifications

1. Degree qualified in an engineering discipline with 2 years experience preferred.
2. Working towards professional recognition within an appropriate Institution.

Knowledge

1. Knowledge of current security, quality, environmental, safety and health legislation, practices and procedures.
2. Awareness of an existing requirements management process.
3. Awareness of ISO 15288 (System Engineering System Life Cycle Processes).
4. Knowledge of lifecycle concepts and processes relating to high integrity/dependable electro-mechanical control systems.
5. Awareness of abstract modelling tools and techniques (eg UML, SysML, etc.).

Experience

1. Experience of working within a rigorous assurance framework.
2. Experience of Systems Engineering techniques.
3. Experience of applied abstract modelling techniques in support of requirements elicitation (eg Use Cases, Context Diagrams, etc.).
4. Experience of using Systems Engineering management tools (eg DOORS, CRADLE, TAU, etc.).
5. Experience in the delivery of products utilising a broad range of engineering skills.

Skills

1. Able to communicate clearly both in writing and verbally.
2. Good liaison and inter-personal skills.
3. Good presentation skills within peer group.
4. Computer literate in the use of both office and technical software.
5. Good problem solving and decision making skills.

Behaviours

1. Professional behaviour commensurate with representing AWE at all levels.
2. Self-motivated and reliant.
3. Logical and clear thinking.

4. Flexible and adaptable.
5. Committed to continuous improvement.
6. Ability to work effectively with others towards common goals.
7. Ability to work from minimal instruction.

Special Requirements