

# Systems Engineering

Global Combat Systems is responsible for designing, manufacturing and supporting some very capable vehicle systems, this functionality/capability is often comprised of a large number of integrated and interacting sub-systems. Systems engineering is an interdisciplinary field of engineering that seeks to manage the complexity of a system and focuses on how these complex engineering projects should be designed and managed.

By providing a systems (holistic) view of the development effort, Systems Engineering helps join all the technical contributors into a unified team effort, forming a structured development process, the system lifecycle, that proceeds from concept to production to operation and, finally to in-service support.

As a Systems Engineer at Global Combat Systems you can expect to be working closely with other Engineering disciplines as part of an integrated project team, your role could include activities such as;

- Managing product requirements
- Developing Engineering Plans
- Developing virtual reality and visualisation tools
- Creating dynamic multi-body vehicle models
- Developing vehicle systems and sub-systems
- Managing supplier involvement
- Testing vehicles or components in the field
- Analysis of vehicle reliability metrics
- Working with Support Engineers to develop training or support packages

For Systems Engineers at Global Combat Systems, a strong emphasis is put on gaining diverse experience from around the business, further developing your multi-disciplinary credentials. You will have the opportunity to work on multiple projects at different stages in their lifecycle; from early development to in-service support. This is complimented by the accreditation of the Graduate Programme, allowing you to actively work towards chartership whilst you are gaining valuable systems experience.

A large company like BAE Systems really gives you the opportunity to fully explore the cutting edge of this exciting engineering discipline, with a large range of products to work on in multiple locations around the world and a great support network to realise your full potential.