# Systems Engineer

Designs and integrates

Defence systems.







Designs infrastructure.



#### Mechanical Engineer



Designs and analyses mechanical systems.



#### **CAD Specialist**



Creates technical drawings and 3D models.



#### Electrical Engineer



Works on power systems and electronics.



#### Quality Assurance Officer



Ensures standards and compliance.



#### Software Engineer



Develops software for defence systems.



#### Welder



Joins metal components.



**Fabricator** 

Builds metal structures.



Additive Manufacturing Specialist



Uses 3D printing for parts.



#### Machinist



Produces precision parts.



Project Manager



Oversees projects.



Fitter and Turner



Assembles and repairs equipment.



Program Manager



Leads major programs.



Digital Twin Engineer



Builds virtual system replicas.



**Cost Estimator** 



Calculates project costs.



#### **Logistics Coordinator**



Manages supply chains.



Cyber Security Specialist



Protects against cyber threats.



#### **Project Scheduler**



Plans and tracks project timelines.



#### Network Engineer



Builds secure networks.



# Supply Chain Optimisation Specialist



Uses AI to improve supply chains.



#### Information Security Analyst



Manages security risks.



# Digital Supply Chain Architect



Designs digital supply chain systems.



#### **Penetration Tester**



Tests for security flaws.



#### **ICT Specialist**

#### Network Technician

#### Cyber Security Technician

# Quantum Cryptography Specialist



Supports IT systems.



Maintains network infrastructure.



Responds to cyber incidents.

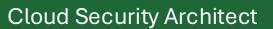


Develops quantum-proof encryption.

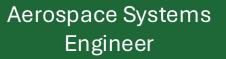




Al Security Analyst



# Drone Maintenance Technician





Designs secure cloud systems.



Services unmanned aerial and ground systems.



Integrates avionics and aircraft systems.



Secures AI systems.





AVISTA



#### Aircraft Maintenance Engineer



Repairs and maintains aircraft.



#### Heavy Vehicle Mechanic



Maintains military trucks and tanks.



#### Hypersonics Engineer



Develops high-speed aircraft



#### Vehicle Autonomy Engineer



Develops self-driving military vehicles.



#### **UAS** Operator



Operates unmanned aircraft.



# Robotics & Automation Technician



Maintains automated land systems.



# Land Vehicle Systems Engineer



Designs vehicle systems.



#### Naval Architect



Designs ships and submarines.



# Marine Engineer



Shipbuilder

Pipe Fitter



Develops propulsion systems.



Specialises in submarine systems.



Builds naval vessels.



Installs ship piping.



Nuclear Systems Engineer

Digital Shipyard Modeller



Space Systems Engineer

Quantum Sensor Engineer



Works on nuclear-powered submarines.



AVISTA



Uses VR/digital tools for shipbuilding.



AVISTA



Designs satellites and space Defence systems.



Develops quantum-based sensing.



#### Water Treatment Technician

#### Robotics Engineer

#### AI/ML Engineer

#### Swarm Robotics Engineer



Supplies and maintains safe water systems for bases and field units.



Creates autonomous robots.



Builds AI for systems.



Designs cooperative autonomous systems.



Human-Robot Teaming Specialist



Al Test Automation Engineer





Optimises human–robot collaboration.





Tests systems.



AVISTA



Uses AI to automate testing.



AVISTA



Oversees estates.



# Environmental Manager

#### Electrician

#### Plumber

#### Carpenter



Manages environmental compliance.

AVISTA

AVISTA



Installs and maintains electrical systems.



Works on water and sewage systems.



Builds and repairs wooden structures.



Painter





#### Business Development Manager



Applies protective coatings.



Maintains climate systems.





Maintains grounds.



Grows defence industry

opportunities.



**Finance Officer** 

Manages budgets.



Safety Engineer



Ensures workplace safety.



#### HR Professional



Manages workforce needs.



#### Security Officer



Protects facilities and information.



#### Legal Counsel



Handles contracts and compliance.



#### Security Installer



Installs security systems.



#### **Administration Assistant**



Supports business operations.



Warehouse Supervisor



Oversees warehouses.



Forklift Operator

Moves materials in warehouses.



# User Experience (UX) Designer



Designs easy-to use interfaces for systems.



#### Truck Driver



Transports equipment.



# Simulation and Training Developer



Creates digital simulations and training programs.



#### Crane Operator



Operates cranes on sites.



#### Industrial Designer



Designs look, functionality and ergonomics of products.

# Autonomous Logistics Coordinator



Manages robotic supply chains.



#### **Procurement Manager**



Manages contracts for materials, equipment, and services.

# Draftsperson

#### Sensor specialist

Geospatial analyst

GPS technician



Creates precise drawings, technical plans and maps.



Works with sensor systems that gather data.



Analyses maps, satellite images, and spatial data.



Installs, tests, and maintains GPS equipment.



#### **Environmental Scientist**

AVISTA





Surveyor



Assesses and manages environmental impacts of projects.



Provides weather forecasts and climate analysis.



AVISTA



Ensures compliance with safety regulations.



Measures and maps land and structures.



#### Payload Engineer

### Technical writer

#### Data analyst

#### **Avionics Technician**



Builds and manages spacecraft instruments.





Creates clear, accurate documentation.





Interprets and presents data.



Installs and maintains electronic systems in aircraft.

**Acoustic Engineer** 





Ensures defence projects respect and protect heritage sites.

Emergency Management
Coordinator



Plans and oversees disaster response for facilities.



Workforce Development
Officer



Supports skills growth and career pathways for staff.



Designs and analyses sonar and sound systems.

