



Machining and Integration Specialist

Job Code: 7574

Salary Grade: S10

FLSA Status: Exempt

The following statements are designed to outline the general functions and typical responsibility levels associated with positions in this classification. They are not intended to serve as an exhaustive list of specific duties or requirements for individual positions assigned to this classification.

Duties and Responsibilities

Supports the fabrication and integration of components for current radar builds. Programs and operates various CNC and manual machines to produce finished components, fixturing, and tooling integral to the production of various radar systems. Also assists in electrical and mechanical integration to support current radar builds.

- Programs and operates 3D Metal Printers, CNC Router, CNC Mill, CNC Water-Jet, and Manual Lathe/Mill.
- Prepares solid models to input into various CAM systems depending on part requirements.
- Assists with DFM process by providing component level input regarding manufacturability and material selection.
- Performs solid modeling of fixturing and workholding components.
- Conducts assembly, routing, and testing of control and power circuits and hydraulic and pneumatic circuits for various subsystems.
- Performs various duties as needed to successfully fulfill the function of the position.

Minimum Qualifications

Education:

Required: Bachelor's degree in Industrial and Systems Engineering or related field or equivalent military/work experience.

Experience:

Required: 36 months of machine tool operation including programming and workholding concepts. 24 months of electrical and/or mechanical experience including assembly, integration, and troubleshooting.

Certifications or Licenses:

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Verification of education and licensure (if applicable) will be required if selected for hire.

Knowledge, Skills, and Abilities

- Willingness to work as an integral part of a high-energy team of engineers and scientists
- Strong desire to learn new technical skills or expand existing skills
- Strong communication, teamwork, and organizational skills
- Ability to multitask effectively in support of multiple projects

Working Conditions

Physical:

Ability to engage in repetitive motions and communicate effectively.

Environmental:

Frequent exposure to pressure caused by deadlines and busy periods. Ability to use a computer daily.

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