



Position: **CNC Machining Programmer**

Job Description

Aerospace Manufacturing Inc., a leading provider of Original Equipment Manufactured aircraft parts, weldments, machined and sheet metal components located in Eagan, MN is searching for a CNC Machining Programmer. Responsibilities include:

- Create and modify programs for HAAS CNC Machines in GibbsCAM or Mastercam.
- Document all programs with instructions and in-process drawings with high degree of accuracy so operators can understand with ease instructions on how to run the programs.
- Work with planning and customers' design staff concerning product design and tooling to ensure efficient production methods.
- Work with customers' specifications and vendors to determine product specifications and evaluate products according to specifications and quality standards.
- Estimate production times and related costs information to estimators working on new proposals.
- Work with management, engineering, and other staff regarding manufacturing capabilities, production schedules, and other considerations to facilitate production processes.
- Assist with inspection, qualification and validation of tools, fixtures, and First Article parts using basic inspection equipment (calipers, micrometers, depth gage, etc.).
- Analyze inspection reports to determine adherence to drawings, specifications, processing procedures.
- Participates in design reviews on cross-functional teams as required to ensure the conformance to specifications.
- Ensures that documentation is in accordance with appropriate QMS procedures.
- Other duties as assigned.

Required Skills and Experience

- Previous manufacturing experience in a custom metal fabrication shop including machining setup and operation experience.
- The position requires 4-6 years technical experience or AS/BS technical degree.
- Must be extremely capable in GibbsCAM or Mastercam including macros, sub-routines and probe cycles.
- Must be able to work from written or verbal instructions, detailed engineering drawings, and 3D models and be knowledgeable in GD&T (geometric dimensioning and tolerance).
- Possess the ability to run the programs which have been created on the applicable machines.

- Experience auditing customer manufacturing criteria (i.e. drawings, specifications, tooling, etc.) and purchase orders to insure all information is present to produce product.
- Must be detail oriented, able to work independently as a problem solver with excellent verbal and written communication skills and have the ability to finish projects in a timely manner.
- Experience working with Mil and industry specifications.
- Proficient in MS Office.
- Export of SolidWork's files into STEP, DXF and Parasolid files.
- Willing to be trained in Dr Abe and Radan if no previous experience..
- US Citizen or a legally authorized foreign worker to work in an ITAR environment.
- 18 years of age or older.
- Read and speak English fluently.
- Ability to effectively manage and build relationships across departments.
- Ability to work extended hours on an as-needed basis.

Additional skills and experience highly desirable but not required:

- Experience with Amada Dr. Abe Bend program for Amada break press.
- Experience with Radan program for Mazak Space Gear 48 Mk II 6-axis laser with Fanuc L-64 controller.
- Experience with Epicor Vista or Vantage.
- Aerospace manufacturing/production experience.
- Familiar with AS9100C and ISO 9001:2008 Quality Management System requirements.

Aerospace Manufacturing Inc. is an Affirmative Action/Equal Opportunity Employer.

To apply, please send cover letter, resume and salary requirements to resumes@awi-ami.com