

CNC Programmer - Machining:

The Role:

The CNC Programmer is required to have a comprehensive understanding of all CNC machining and programming operations. This role is tasked with working in close concert with machinist, shop leads, engineering design and manufacturing teams, quality assurance and machining operations management to increase productivity and optimizing machining programs and procedures. Your work must be accurate and you must work collaboratively with the Engineering, Production Control and the Machine Shop. The programs need to reflect the best knowledge of the team and produce the highest quality parts in the most affordable process.

- Bachelor's degree from an accredited institution, with a concentration in a relevant Engineering discipline plus minimum of three (3) years on the job programming experience.
- High school diploma or GED with 7+ years of role related experience may be substituted for above formal education. Practical machine shop, fabrication and tooling training or apprenticeship an advantage.
- CNC programming experience using Creo, NX, MasterCam or similar software on complex parts requiring CNC multi-axis mill and lathe work.
- CNC programming experience with Vericut or similar software.
- High competence in GD&T.

Responsibilities:

- Analyze drawings, 3D models, and specifications while accurately interpreting the requirements contained therein.
- Use CAD/CAM/CAE program to program CNC parts and provide set-up sheets considering safety and affordability. Select program routines for the most efficient machining methods for each part.
- Will be involved in the prove out of new technology, first article inspection, fixture design, and day to day programming
- Vericut NC files as well as maintain revision control on programs and setup sheets.
- Follow established procedures on the NC tape generation, review and release.
- Knowledgeable of carbide tools and adjusting speed and feed parameters for maximum tool life
- Work with team to resolve nonconformance defects through root cause analysis procedure and complete further actions.
- Make suggestions on design and process changes to improve manufacturability.
- Play an active role with ME, machinist and lead in first article set-up and process evaluation.

CNC Programmer - Machining - Responsibilities Continued:

- Work closely with machinist and inspection to verify programs and changes.
- Meet expectations for productivity and production goals. Have programs available in a timely manner that do not cause production delays.
- Provide consistent ideas for process improvement production methods.
- Liaise with vendors to determine product specifications and arrange for purchase of equipment, materials, or parts, and evaluates products according to specifications and quality standards.
- Estimate production times and related costs for proposal and project estimates.
- Pursue affordability and manufacturability in everything you do.

Additional Requirements:

- Must be available for overtime and weekend hours as required to meet program deadlines.

Job Location:

Long Beach, CA, USA

Personal Requirements:

You will have a high level of integrity, respect others and understand the need of complete confidentiality with respect to our company proprietary information and that of our customers.

ITAR Requirements:

To conform to U.S. Government space technology export regulations, applicant must be a U.S. citizen, lawful permanent resident of the U.S., protected individual as defined by 8 U.S.C. 1324b(a)(3), or eligible to obtain the required authorizations from the U.S. Department of State. KEC is an Equal Opportunity Employer; employment is governed on the basis of merit, competence and qualifications and will not be influenced in any manner by race, color, religion, gender, national origin/ethnicity, veteran status, disability status, age, sexual orientation, gender identity, marital status, mental or physical disability or any other legally protected status.