OUR VISION: To become a STRATEGIC PARTNER critical to the SUCCESS of our CUSTOMERS' KEY PROGRAMS

OUR MISSION: To Deliver reliable products and services on time and provide value added solutions to our key customers

POSITION DESCRIPTION

Position Title:	NC Programmer – Level 3
EEO Classification:	3
Business Section:	Manufacturing Technology; Programming
Reports to:	Manager of NC Programming

Wage Grade:	**Type of position:**	**Hours: 40+ hrs/ week**
	☐ **Full-time** ☐ Part-time ☐ Contractor ☐ Intern/Temp	☐ Exempt ☐ Nonexempt **Working Conditions:** Normal office environment and production environments as required

GENERAL DESCRIPTION OF POSITION

Responsible for creating or revising NC programs using Catia V5 or Mastercam software in order to run CNC multi-axis machinery in the manufacturing of metal (aluminum and hard metals) aircraft parts.

WORK EXPERIENCE & EDUCATION PRE-REQUISITES

- College degree in Math, Science, Engineering preferred but not required
- At least 10 years of Multi axis NC Programming experience in Aircraft parts manufacturing
- Working knowledge in MS Office Applications
- Good working knowledge of CATIA V5 manufacturing, Intercim Post and Vericut software

PHYSICAL & VISUAL REQUIREMENTS OF POSITION

- Accommodation required to read computer screens and documents
- Prolonged sitting and/or standing
- Required to push, pull, reach overhead, climb stairs, bend and exert up to 15 pounds of force

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GOALS FOR: POSITION

1.

SKILLS, ABILITIES, KNOWLEDGE & VALUES

- Exercising good judgment and decision making – considering costs and benefits of potential actions.
- Critical Thinking – using logic, job knowledge and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Outstanding Communication Skills – the ability to express ideas in the English language both in written form and verbally.
- Initiative – willingness to take on responsibilities and challenges.
- Stress Tolerance – accepting criticism and dealing calmly and effectively with high stress situations
- Dependability – being reliable, responsible and dependable while fulfilling obligations.
- Self Responsibility and Honesty - being accountable to company time and resources, being responsible and honest with or without the intervention of Supervisor.
- Independence – developing one's own ways of doing things, guiding oneself and making good decisions with little supervision.
- Proven analytical, problem solving, conflict resolution and negotiation skills.
- Aviation Industry Knowledge - Knowledge of the Aviation industry and experience with NC programming, assembly, fixturing/ tooling, lean mfg methods, and manufacturing design assistance.
- Mathematics — Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Mechanical — Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- Design — Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.
- Engineering and Technology — Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
- Production and Processing — Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- English Language — Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
- Working knowledge of different material such as Aluminum, Stainless Steel, Titanium, etc.

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JOB RESPONSIBILITIES & DUTIES

Including and not limited to:

- Create NC Program from CAD model or Engineering Drawing independently
- Revise NC Programs to iron out any problems after first run
- Conceptualize programming jobs
- Work efficiently with all supporting software (CAM, Posting, Verification, etc.)
- Develop and maintain Perfekta Manufacturing and Programming Standards and Procedures,
- Troubleshoot fellow Programmer's programming related problems
- Troubleshoot minor NC Machine problems that are responsible for any discrepant outputs
- Identify better cutting methods (tool, fixture, procedure)

KPI – KEY PERFORMANCE INDICATORS

1. Transition Delivery Performance
2. Qty of First Articles submitted on NCR/Tag
3. Cycle Time
4. Overall Budget Performance

OUTSIDE INPUTS FOR SUCCESS

1. Support & communication from leadership
2. Engineering Department
3. QA Department

REVIEWED BY	Ahmed Alam	*Title*	NC Programming Manger
APPROVED BY	Amy Guerra	*Title*	HR Director
DATE POSTED	9/17/08; 2/1/09		

Disclaimer

The above statements are intended to describe the general nature and level of work being performed by people assigned to this position. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities subject to all applicable state and federal laws. Perfekta will maintain an employment at-will relationship with the employee and reserves the right to modify this document as needed.

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