

CNC Programmer JD :

A CNC programmer writes code offline using Siemens UG NX to automate power driven machines that cut and finish metal such as lathes, grinders and mills.

Essential Duties and Responsibilities of a CNC Programmer

- Creates instructions for machinists.
- Reviews 3D CAD design blueprints.
- Makes calculations for programming including where materials should be cut.
- Translates instructions into a computer automated manufacturing (CAM) program for Fanuc, Heidenhain, or Siemens Controls.
- Checks completed programs by running simulations or tests using Vericut.
- Prepares geometric layout of designs using Siemens UG NX.
- Determines sequence of operations in a program.
- Chooses cutting tools that will be needed.
- Analyzes job order and performs necessary calculations.
- Writes programs and modifies existing ones for increased efficiency.
- Analyzes and selects speeds and cutting tools for programs.
- Makes improvements to set up times for a task and contouring of complex shapes.
- Simplifies tooling time for workers and increases productivity for the company.
- Evaluates all completed designs to validate their functions and ensure they successfully reduce time and money for the company.
- Monitors all programs to make sure they follow blueprint instructions and safely and successfully complete the task.
- Complies with all safety rules and regulations.

Requirements

- Associates Degree or equivalent training in machining program
- 2+ years of related machining and programmer experience
- Experience in a fast-paced manufacturing environment
- Detail oriented
- Read and interpret blue prints
- Works well individually and within a team