



TECHNICAL SERVICES ENGINEER (CAM Automation)

Responsibilities

- Lead automation of process through generation of machine programs (not limited to CMM, 3 axis and 5 axis machining program, robots)
- Work with process engineers to manage, optimize and control special processes such as metal spray coating, laser drill, waterjet machining, EDM etc
- Work with development engineers to introduce new process, product and capabilities
- Support Production team to achieve value stream and mistake proof of process such as CNC machining, CMM, etc.
- Assist engineers with NADCAP, MSA study and capability assessment of CMM measurements, CNC controlled machines, Robotic processes.
- Advise engineers on design of tooling/fixtures/inspection gages required for new and existing product / process to accommodate the automation.
- To lead/ support automation and digitization with OEM (Rolls Royce) and Research Institute (including but not limited to ARTC) to bring new technology into production.

Requirement.

- Degree/ Diploma in Manufacturing / Mechanical/ Precision Engineering or similar field
- Problem Solver with strong communication skills
- Interest in manufacturing and programming
- Familiar with GD&T, Siemens NX CAD/CAM, Teamcenter, and Tecnomatix software
- Working knowledge of drafting standards (), symbols, and nomenclature; functional knowledge of material masters and parts lists/BOM
- At least 3 years experience with CMM/ ABB robots/ CAM programming or similar capacity, experienced engineers (from non-aviation industry) are welcome