



CNC Setup Operator

Raptor Scientific, a global Aerospace & Defense test and measurement company, is seeking an experienced CNC Setup Operator to set up and operate multi-axis CNC lathes and mills, bar feeders, and robotic systems. This individual will perform a wide range of machining operations—including turning, boring, drilling, milling, reaming, grinding, threading, and live tooling—in a high-mix, precision manufacturing environment. This role requires technical expertise, strong attention to detail, and a commitment to quality and efficiency.

As part of the Raptor Scientific Family, our team develops and supports precision calibration instruments used across the Aerospace and Defense industry. We are focused on customer needs and provide full-spectrum support including engineering, calibration, manufacturing, and repair operations.

We are conveniently located off 580 and Greenville providing easy access to South Bay and Valley commuters. You can learn more about our company by visiting our website at: [Global Provider of Test & Measurement Solutions | Raptor Scientific \(raptor-scientific.com\)](http://Global Provider of Test & Measurement Solutions | Raptor Scientific (raptor-scientific.com)). The full-time hours for this position are Monday through Thursday, 7:30 a.m.–5:00 p.m. and every other Friday 7:30 a.m. - 4:00 p.m. Full benefits package available after 30 days.

RESPONSIBILITIES

- Set up and operate 4–7 axis CNC mills and lathes with live milling and/or Y-axis capability in multi-machine cells; run multiple machines as permitted
- Read and follow engineering drawings, process sheets, and work orders to machine forgings, castings, bar stock, and composites to required tolerances
- Perform machining operations including turning, facing, deburring, boring, drilling, milling, reaming, tapping, threading, slotting, grooving, sawing, and grinding
- Make program edits as directed; apply knowledge of feeds, speeds, and spindle parameters across various materials
- Set up and indicate fixtures and tooling; gather tools required per setup or process sheets, using practical judgment when documentation is limited
- Use DNC and related tools to upload/download CNC programs
- Verify dimensional accuracy using calipers, micrometers, bore gauges, height gauges, comparators, and other inspection instruments; apply self-quality throughout production
- Participate in program prove-outs, manufacturing planning, and scheduling; provide feedback on setup sheets and CAM process design
- Identify and implement process improvements to reduce cycle time
- Assist with training and mentoring machine operators on CNC operations
- Maintain a clean and organized work area consistent with 6S standards; perform minor equipment maintenance and daily recordkeeping
- Report promptly to management when production standards are not being met

REQUIREMENTS

- High school diploma or GED required
- 3–5 years of CNC setup and operation experience, including 4–7 axis mills and lathes with live milling capability



- Strong proficiency in G-code, M-code, and CAD/CAM software (Mastercam, SolidWorks, or equivalent)
- Knowledge of CNC lathe and mill controls, cutting tools, and material properties (aluminum, steel, titanium, plastics)
- Proficiency with standard measuring tools: micrometers, calipers, gauges
- Solid trigonometry and math skills for precision measurement and programming
- Familiarity with Fanuc, Haas, and Siemens controls; ability to troubleshoot machining and manufacturing issues
- Ability to read and interpret technical drawings, process sheets, and maintenance documentation
- Proven ability to train and mentor team members

OTHER SKILLS:

- 5+ years of CNC experience with Mastercam programming on 4–7 axis mills and lathes
- Experience with multi-axis and dual-spindle machines
- Experience with pneumatic tubing and pressure systems
- Ability to prioritize in a dynamic environment
- Ability to work independently and as part of a small team
- Fluent with MS Office products: Outlook, Word, Excel, PowerPoint
- Physical ability to lift or assist with lifting up to 40 lbs.
- Ability to stand for up to 4 hours a day and/or sit, type and use mouse for up to 6 hours a day.

Please send resumes to: RFS-recruiting@raptor-scientific.com

Applicants must be authorized to work in the United States. To comply with U.S. Export Control Regulations, candidates must be eligible to receive any required authorization from the U.S. Government.

Raptor Scientific is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to disability, veteran status, or any other characteristic protected by law.