

Job Title: Applications Engineer

Position Description:

Applications engineering is responsible for the programming and coding of precision CNC grinding machines from concept to troubleshooting after assembly and installation.

Essential Job Duties and Responsibilities:

- Understand and utilize advanced industrial grind parameters.
- Write CNC programming code and scripts for grind, probe, turning and tool change routines.
- Create and utilize parametric/macro-based G&M code programming.
- Develop and debug grind processes.
- Develop specifications and performance requirements for grinding machines.
- Use programming knowledge and experience to adapt grinding machines to specific job applications.
- Optimizing applications by integrating new technologies and performing upgrades.
- Performing diagnostic tests and debugging procedures, as well as improving code and re-designing tasks.
- Train customers on grinding processes and programming methods.
- Travel as necessary for machine installation and training (Typically up to 35%).
- Develop process estimates and time studies with tooling and machine layouts for sales proposals.
- Other duties as assigned by supervisor.

Preferred Knowledge & Skills:

- Exceptional technical knowledge, problem-solving skills, and reasoning ability.
- Understands engineering concepts and programming including electronics, mechanics, hydraulics, pneumatics, and computer programming.
- Experience with Fanuc CNC controls.
- Use of C# in Visual Studio for developing user interface and data collection systems.
- Must be self-motivated and able to manage multiple projects or tasks.
- Working knowledge of Microsoft Office applications.
- Experience with 3D CAD/CAM, Siemens NX, and SolidWorks is a plus.

Education & Qualifications:

- 2+ years practical experience in applications engineering, preferred.
- Experience with G&M code programming.
- Bachelor's degree in Engineering or Computer Science preferred.

Company Benefits:

- Company Matched 401(k)
- Health, Life, Dental and Vision Insurance
- Life & AD&D Insurance
- Flexible Spending Account
- PTO Time





- Bonus Program
- Wellness Reimbursement

1226 East Pontaluna Road ●
Spring Lake, Michigan 49456 ●
Phone (231) 798-6464 ●
Fax (231) 798-6466 ●
www.campbellgrinder.com ●

