

Apprenticeship Program at groninger USA



Career Opportunity

The groninger USA Apprenticeship Program

Provides on-the-job training from qualified mentors to individuals interested in working in advanced manufacturing. It can be completed in a 4 to 6 year period, depending on the program and number of previous academic hours.

Choose Your Track

groninger's Apprenticeship program is divided into five tracks:

1. Computer Integrated Machining
2. Mechatronics
3. Mechanical Engineering
4. Automation Engineering

Benefits

As an apprentice at groninger USA, you will enjoy the following benefits:

- Paid career opportunity with excellent benefits package
- Graduate from school debt-free
- Guaranteed employment after graduation, with successful completion of the program
- 2-5 years of advanced technical training at our facility
- Graduate from CPCC with an Associates of Applied Science
- Receive a Journeyman Certificate from NC Department of Labor (NCDOL)
- Additional scholarship opportunities to continue education

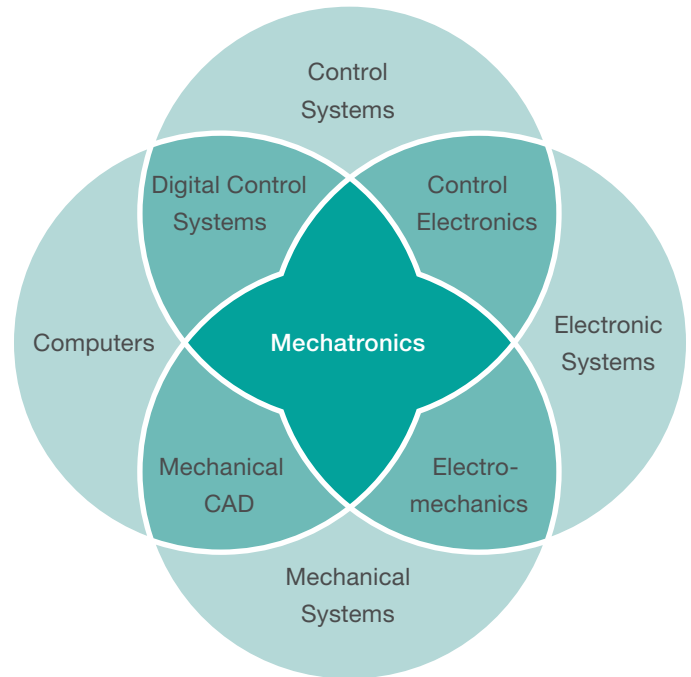


Mechatronics Track

The Mechatronics track contains hands-on mechanical, electrical, and automation training.

Graduates in the Mechatronics track will:

- Diagnose, troubleshoot, repair, and install cutting edge machinery
- Perform equipment upgrades
- Provide exceptional technical service support across North America and Puerto Rico
- Assemble OEM parts and engineered solutions



Computer Integrated Machining Track

groninger's Computer Integrated Machining Track contains rigorous mechanical course work in machine design and manufacturing processes, metrology, and structural integrity of materials.

Graduates in the Computer Integrated Machining Track will:

- Read and understand mechanical drawings
- Use computer - aided design software
- Program and operate modern CNC milling and turning centers
- Use precision measuring equipment for quality control



Automation Engineering Track

The Automation Engineering track is a 2 + 2 program combining a degree in Engineering from CPCC with a Bachelor's of Science Degree in Electrical Engineering, as well as training in electrical, mechanical, and programming areas.

Graduates in the Automation Engineering track will:

- Create PLC and other programs that operate filling and closing equipment
- Diagnose, troubleshoot, and repair electronic equipment and programs
- Perform programming upgrades
- Help customers remotely and occasionally on-site
- Provide exceptional technical service support






Mechanical Engineering Track

The Mechanical Engineering track is a 2 + 2 program combining a degree in Engineering from CPCC with a Bachelor's of Science Degree in Mechanical Engineering, as well as training in related mechanical, electrical, and assembly areas.

Graduates in the Mechanical Engineering track will:

- Create, design, and execute drawings for mechanical parts for filling and closing machine applications
- Coordinate with Assembly and other areas to promote process improvement
- Use computer-aided design software
- Create and update 3-D CAD drawings for Assembly and Manufacturing
- Revise and update two-dimensional mechanical and assembly drawings



Applying for Apprenticeship

Requirements

- At least 16 years old at the start of program
- Either a Junior or Senior in high school
- Algebra 1 & 2, Geometry, Physics, Drafting, Computer Applications classes are preferred
- Unweighted GPA of 2.8
- Good attendance
- Nontraditional applicants (i.e. Veterans, experienced professionals) and returning applicants are welcome to apply

Application Process

January	Open House
February-March	Selection process for orientation
April	On-site orientation and placement exam
April-May	Selection process for internship
June-July	Internship
End of July	Final selection
August	Start of apprenticeship program!

To start your apprenticeship journey,
send us an email at
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