

CareerRise Summer Internships

2024 Internship positions:

These paid internships

- Run for **250 hours** over the summer
- Pay **\$17 per hour**
- Are available for students ages **16 through 18** (**must turn 16 by the start of June*)
- Are a fantastic opportunity for students interested in an internship working with Manufacturers in Northern Colorado to gain hands-on experience, make industry connections, and explore careers related to manufacturing/engineering.

The deadline for applications is March 31st. If interested, please complete this [Interest Form](#) and someone from our WBL team will get in touch with you regarding next steps.

Entry Level Machine Operator - Axelson Machine Inc, Frederick

Axelson Machine makes a large variety of precision parts for many industries including semiconductor, optics, bio-med, and more. Our intern will learn to read a drawing that includes all the specifications for the part being made, how to use precision measuring tools - calipers, micrometers, optical comparator; receive training on basic operation of CNC Lathes and Mills, assist with shipping and packaging processes, learn about the finishing details that are required before parts ship customers, and assist with assembly of components.

Career Clusters: *Manufacturing, Maintenance and Operations, Quality Assurance, Facility and Mobile Equipment Maintenance*

Manufacturing Automation Engineering Intern - Better Process, Loveland

Duties to perform will consist of light assembly work for putting together equipment for use in the manufacturing process. This may include robotics, fixturing, or equipment. Other duties will include CAD work to produce 3D printed components, laser cut components or router cut components. An interest and demonstrated ability in programming a plus as well as any prior work in CAD.

Career Clusters: *Manufacturing, Production/Process, Informative Technology, Programming and software engineering*

Electro-Mechanical Assembly Intern - Colorado Time Systems, Loveland

This intern will learn how to build small assemblies, including reading procedures and drawings. They will learn how to use small hand tools and perform quality inspection of completed work.

Skills Gained: They will learn the use of small hand tools, soldering skills and how to work in a team environment. How to read BOMs and drawings.

Career Clusters: *Manufacturing, Production, Quality Assurance, Facility and Mobile Equipment Maintenance*

Machinist Intern - Datum Machining, Berthoud

Intern will gain manufacturing experience. Datum Machining takes raw materials to a finished part per customers' blueprints. An intern in this position will cut material to length, determine what machining operations are required, will run machines, and will package parts.

Skills Gained: Precision measurement tools, identifying different types of material, gaining strong work ethic.

Career Clusters: *Manufacturing, Production/Process, Maintenance*

Graphics Intern - Davinci Sign Systems, Windsor

The Graphics Intern will be fabricating and installing sign graphics. They will also be cutting, performing layout, and doing field installation. They will engage in entry level CAD/CAM operation to run a digital printer and router.

Skills Gained: Fabrication, sign graphics, cutting, layout, field installation, and CAD/CAM operation.

Career Clusters: *Manufacturing, Production/Process Technology, Maintenance*

Shipping/Receiving/Inventory Assistant - E.I. Medical Imaging, Loveland

Intern will open all boxes coming in the door, receiving repairs or new parts. They'll ship everything out the door, including repairs, new orders, etc. Intern will also assist with inventory control.

Skills Gained: How the logistics of the business work. Learn to ship all around the world, deal with customs, etc. Inventory control. Time management.

Career Clusters: *Manufacturing, Inventory Control, Maintenance, Operations and Repair*

Graphics Manufacturing Intern - Fiberlok Technologies, Inc., Fort Collins

The intern is responsible for utilizing various types of equipment to manufacture or assemble products according to written and/or verbal instructions, established company procedures, and following safety and quality guidelines. This role is intended to rotate through multiple departments to gain experience and knowledge of the overall manufacturing process.

Skills Gained: Assembly using a heat press, dye-sublimation, rug assembly, packing, inspection, screen reclamation, brushing & plotter cutting, and tech services support

Career Clusters: *Manufacturing, Production/Process Technology, Maintenance, Health and Safety*

CNC Machinist Apprentice- Hexagon Machine & MFG, LLC, Longmont

Apply classroom learning by making real parts. We'll work with you to craft a plan that follows our on-the-job training guide to ensure all skills are learned and you leave the apprenticeship ready for a full-time job in CNC Machining.

Skills Gained: Precision manufacturing, inspection knowledge, cross-industry experience ranging from aerospace to medical devices, and gaining mechanical aptitude.

Career Clusters: *Manufacturing, Quality Assurance, Maintenance*

Assistant Fabricator and Facility Maintenance Intern - Hueber Industries, Fort Collins

Working under the direction and supervision of the Lead fabricator you will manage and/or perform some of the entry-level fabrication work that does not involve power-driven machinery, assist with on-site installation of work, management of non-power-driven shop tools and non-power-driven personal tools, clean, keep orderly, and maintain the shop space, grounds, and company vehicles, record and file receipts, communicate and/or report to the Lead Fabricators on duties performed, actively participate in safety programs, maintain a professional appearance, and work the hours required by the Lead Fabricators and potentially some CNC Plasma table operation.

Skills Gained: Basic non-power driven hand tool operation, workflow processes for metal fabrication, steel preparation for paint/primer, priming steel assemblies, basic shop and job site safety, shop and facility organization and cleanliness, plan reading, potentially some CNC Plasma table operation; basic CAD, material loading, CNC Plasma cutting operations.

Career Clusters: *Manufacturing, Production/Process, Facility and Mobile Equipment Maintenance, Health and Safety.*

Machine Operator/General Laborer - J&B Machine, Greeley

The candidate will gain a solid understanding in CNC equipment operation and inspection of machine parts using various metrology tools. They will cut material per manufacturing print and assist with deburring machine parts.

Skills Gained: The candidate will gain a solid understanding in manufacturing, primarily machining. The candidate will get experience in tolerancing, understanding how parts and machined components interface with one another, and develop a full understanding of how to inspect machined parts. This will be a good position for someone who is looking to go into an engineering field.

Career Clusters: *Manufacturing, Production/Process Technology, Maintenance*

Manufacturing Floater - Metalcraft Industries, Westminster

With a diverse manufacturing facility, this intern will be exposed to many disciplines and tasks from sorting and inspection to assembly, mostly related to metal parts.

Skills Gained: Exposure to metal parts manufacturing, engineered drawings and safety.

Career Clusters: *Manufacturing, Production/Process, Facility and Mobile Equipment Maintenance.*

Deployable Spacecraft Structures STEM Intern - Opterus Research and Development, Loveland

Opterus has an entry level STEM summer intern position open. No experience is required. We're looking for general, non-specialized help in our spacecraft structures research and development facility. Tasks will focus on facility layout, setting up new work areas, organizing, moving, assisting with mechanism assembly and testing, and assisting with 3D printing. You may get the chance to work on space flight hardware! You will work under the direction of mechanical engineers and senior technicians; this is a great professional experience and networking opportunity

Skills Gained: Spacecraft structures and mechanisms, high performance composites, 3D printing, research and development, prototyping and manufacturing

Career Clusters: *Production/Process Technology, Engineering and Technology*

Manufacturing & General Assembly Intern - Ouisa Labs, Loveland

The intern will be measuring and cutting stainless steel tubing and pre-swaging the ends of tubing. They will also gain experience in fitting connectors to tube ends and preparing for assembly by removing covers from connectors in inventory.

Skill Gained: The candidate will gain basic inventory management skills and understanding of the overall manufacturing process. They'll learn specifically how manufacturing sub-assemblies feed into the main assembly and will complete the production of small appliances.

Career Clusters: *Manufacturing, Production/Process, Inventory Control*