

## Why take CNC Machining?

The CNC Machining class offered at the CCIC is a foundational course for students who plan on pursuing an engineering degree from a college/university or who plan on entering the workforce as a machinist or other manufacturing professional.

**Mechanical Engineering Preparation:** This CNC Machining course provides an early opportunity to learn how to program and operate CNC machines directly related to those used in the aerospace, defense, automotive, energy and consumer product industries. Most experts agree that students need to learn CAD/CAM and machining skills to be successful in many engineering fields.



**What will you do in the class?** In this class students use state-of-the-art software and machines to manufacture engineered products out of rough aluminum blocks. Students do not need any specific training or classes to join the class; the instructor will teach what is needed to know to produce specific products. The vast majority of the class will be hands-on activities utilizing SolidWorks CAM, HAAS CNC mills and Tormach CNC mills; along with various traditional metalworking power tools.



**Manufacturing Professional:** In the CNC Machining class students learn fundamental entry-level skills that prepare them for a long-term career in CNC machining and fabrication. This course serves as a first step toward securing an internship or apprenticeship with several manufacturers across the state of Colorado. This class is also part of the pathway leading to the nationally recognized National Institute Metalworking Skills (NIMS) certification in CNC Mill operations.



National Institute for  
Metalworking Skills

**See back side for registration information**

## Class Specifications and Registration Information

Course Title: CNC Machining (.5 elective credits)

Course Location: Cherry Creek Innovation Campus (CCIC), 8000 S. Chambers Rd. Centennial, 80112

Dates: June 8, 2020 to June 19, 2020

Class Hours: 8:00 am to 3:00 pm with a 40-minute lunch from 11:30 to 12:15

Fees: \$300.00 for materials and Personal Protective Equipment.

Registration Deadline: Friday, May 29, 2020 at 12 p.m.

## How to register:

Please go to the Cherry Creek School District website and follow the links to the [Summer School Registration](#) pages.

<https://www.cherrycreekschools.org/SummerSchool>

For additional information please contact

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