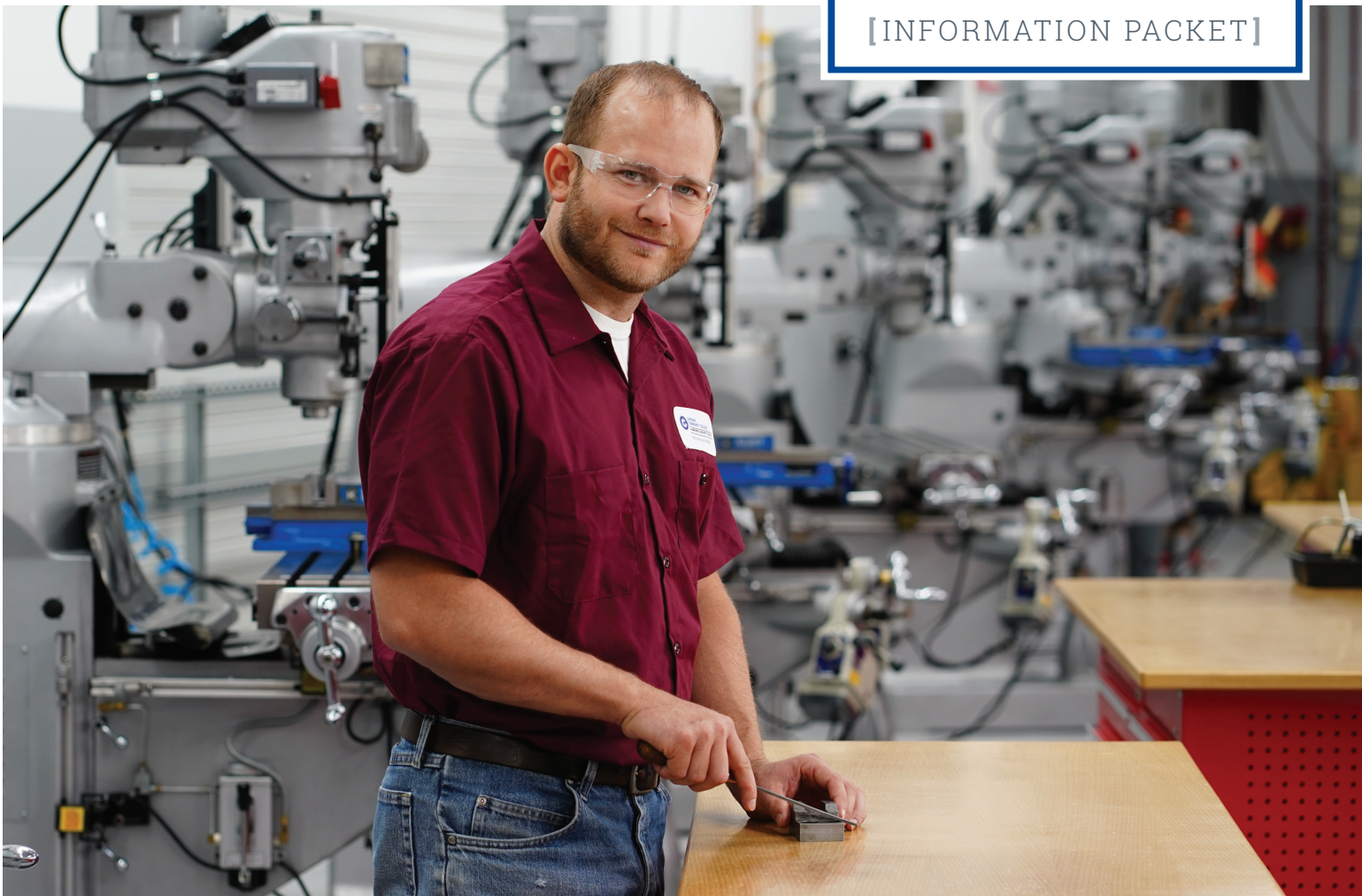


# CNC MACHINING I

GATEWAYCC.EDU/PRECISION-MACHINING

[INFORMATION PACKET]



**APPLIED  
TECHNOLOGY**



**GATEWAY  
COMMUNITY COLLEGE**  
A MARICOPA COMMUNITY COLLEGE



**MARICOPA  
COMMUNITY COLLEGES**

The Maricopa County Community College District (MCCCD) is an EEO/AA institution and an equal opportunity employer of protected veterans and individuals with disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, age, or national origin. A lack of English language skills will not be a barrier to admission and participation in the career and technical education programs of the District.

The Maricopa County Community College District does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. For Title IX/504 concerns, call the following number to reach the appointed coordinator: (480) 731-8499. For additional information, as well as a listing of all coordinators within the Maricopa College system, <http://www.maricopa.edu/non-discrimination>.

For the latest information on programs, graduation rates and other important consumer information, please visit our website at [gatewaycc.edu](http://gatewaycc.edu)

**WELCOME LETTER**

Dear Student,

Congratulations! You are taking the first step to apply to GateWay Central City Campus, CNC Machining I Trade & Technical Program. Our school offers hands-on training and assists in preparing our students for employment in today's workforce. As a Computer Numerical Control (CNC) machine operator, you will work to efficiently convert raw materials into durable goods by programming, setting up, and operating two and three-axis CNC machines. As a CNC operator, you will manually program, set up, and operate CNC mills and lathes, read technical drawings/prints, and validate manufactured part sizes and tolerances using various inspection tools and techniques. Students of the CNC Machining I program can earn up to eleven nationally recognized certifications through the National Institute for Metalworking Skills (NIMS) including Measurement Materials and Safety, Manual Mill, Manual Lathe, Drill Press, Benchwork and Layout, CNC mill and lathe Programming Setup and Operations. If this sounds exciting, the CNC Machining I program is for YOU!

Our accredited program is 10 months and upon completion, awards a Certificate of Competency (CCT) in CNC Machining. For more information on CNC Machining careers and salary, please visit [www.onetonline.org](http://www.onetonline.org). To successfully enroll in our program please read this packet thoroughly and follow the steps.

The Student Services Team is excited to welcome you to GateWay and is here to provide assistance to help you succeed. If you have questions, please do not hesitate to contact us at 602-238-4350. Thank you for your interest in the GateWay Central City Machining I program, and we look forward to your Graduation!

Sincerely,

Student Services Team  
GateWay Central City  
602-238-4350

**College Website:** <http://www.gatewaycc.edu>

**CNC Program Website:** <https://www.gatewaycc.edu/degrees-certificates/manufacturing>

**College Advising:** [gatewaycc.edu/advising](http://gatewaycc.edu/advising); 602-286-8600; [advisor@gatewaycc.edu](mailto:advisor@gatewaycc.edu)

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**PROGRAM OVERVIEW**

## Program Overview

At GateWay, we take the most direct path to help you land your dream career. With our trade and technical training programs, also known as clock programs, you can earn a certification in your desired field in as little as six months. You will learn by doing and receive hands-on training from industry professionals.

Our knowledgeable instructors and state-of-the-art facilities help ensure you will have the skills you need to save a life, create a style, reduce other's stress, build a shelter, machine future technologies, and so much more.

## CNC Machining I

CNC Operators/Machinists use industry-standard manufacturing practices to efficiently convert raw materials into durable goods using computer numerical control (CNC) machines. Their skills range from reading and interpreting technical drawings and prints to employing a CNC G-code program to control a CNC mill or lathe. A Computer Numerical Control Machine Operator (CNC Operator) uses machine tools, such as CNC mills and lathes, and various inspection techniques to produce machined parts. CNC machine operators plan the sequence of work by programming, setting up, and operating a CNC machine, maintaining quality and safety standards, keeping accurate records, and maintaining equipment and supplies.

Whether re-careering or entering the workforce the GateWay Central City CNC Machining I program offers broad training that prepares individuals for employment in manufacturing in industries such as aerospace, semiconductor, medical, and Department of Defense, through a combination of classroom study and lab activities, students develop trade skills and become familiar with production methods and standards common to the industry. Students will learn to operate various conventional machine tools like manual mills and lathes and CNC mills and lathes, interpret technical drawings/prints, and use precision measuring and inspection tools.

The CNC Machining I program employs a curriculum that aligns with state and national standards via the National Institute for Metalworking Skills and prepares students for NIMS level I certifications throughout the 10-month program.

The CNC Machining I offers a Certificate of Competency (CCT) upon successful completion with opportunities to pursue a \*Certificate of Completion (CCL) in Machining II and an Associate of Applied Science (AAS) in Manufacturing and Production Technology offered through Applied Technology courses at GateWay Community College.

Make it happen with an Applied Technology program at GateWay and jump-start your career in the high-demand, high-tech manufacturing industry today!

\* Students at any Maricopa Community College may need to complete courses at more than one of our colleges.

Visit [Manufacturing | GateWay Community College](#) for more information.

**PRE-ADMISSION CRITERIA**

## Information Sessions

For more information on your program of interest, please attend one of the virtual information sessions. Participation in virtual information sessions is required (for some programs) and strongly suggested before enrollment. ***Participation in an information session prior to contacting an Advisor is highly recommended.***

### Attend a Virtual Information Session:

Visit <https://www.gatewaycc.edu/virtual-sessions> to register for a virtual information session:

To meet the advisor for the CNC Machining program use the online scheduling tool listed below:

- Self-schedule an appointment with advisor **Dariyea Hollins**
- <https://maricopa.craniumcafe.com/group/clock-hour-advisors-/scheduler> (Dariyea Hollins [dariyea.hollins@gatewaycc.edu](mailto:dariyea.hollins@gatewaycc.edu))
- Email advising: [advisor@gatewaycc.edu](mailto:advisor@gatewaycc.edu)
- Or call the Front Desk (602) 392-5401

For a complete listing of Clock Enrollment Steps, visit [gatewaycc.edu/enroll/clock-enrollment-steps](http://gatewaycc.edu/enroll/clock-enrollment-steps).

## Apply for Program

If you are just starting college or new to Maricopa Community Colleges, or you already have an account and need to complete an application, reapply visit [www.gatewaycc.edu](http://www.gatewaycc.edu) and follow the directions below to apply for the program.

- Select “Apply Now” at the top of the page, in the banner.
- New Students click “New Student” and follow prompts
- Prior MCCCDC Students click “Returning Student” and login. If you cannot remember your MEID and password, click “Forgot your Username?” and/or “Forgot your Password?” for assistance.

### Application:

Enter/Verify Current Information	
Primary College of Interest	<b>GateWay Community College</b>
Field of Interest	<b>Applied Technology</b>
Primary Reason for Attending:	<b>Get a Certificate</b>
Select a Plan	<b>CNC Machining I (Day) (CER)</b>
Select Expected Start	<b>Select Academic Year</b>

*Please contact Enrollment Services at (602) 286-8200 if assistance is needed.*



## PRE-ENROLLMENT CRITERIA

## Request Enrollment

Using your Maricopa Student Email address, email an enrollment request to:

<mailto:clockenroll@gatewaycc.edu>

In your email, be sure to include:

- Program name and desired start date
- The funding source you intend to use to pay for your classes (self-pay, FAFSA, VA benefits, etc.)

*Enrollment is based on eligibility, completed documents, and space in the program.*

## Financial Aid Eligible Programs

A student's goal of attaining higher education shouldn't be out of reach because of cost. GateWay Community College Financial Aid Office's goal is to provide resources for students to find the funding needed to help pay for their educational expenses, including tuition, fees, and books.

**Apply for Financial Aid** (if this is the method you plan to use to pay for your program)

- If applying for Financial Aid; visit the following website: [www.fafsa.gov](http://www.fafsa.gov)
- Use Gateway school code: E00701 (Clock Hour Programs)
- For Financial Aid assistance please call (602) 286-8117 or email [finaid@gatewaycc.edu](mailto:finaid@gatewaycc.edu)

**Note:** Confirm that all of the “To Do” items on MCCCCD Student Center have been completed and cleared in order to be eligible to be awarded for financial aid.

It is suggested that you are enrolled prior to applying for Financial Aid. Financial Aid can take up to 2-4 weeks to be processed. You will be required to have Financial Aid in place at a minimum of two weeks before your program begins. If your Financial Aid package is not complete you will be required to set up a payment plan until your package is ready. Please see [Payment Options](#) for information on paying for your program.

For additional information, visit <https://www.gatewaycc.edu/pay-college/financial-aid> and/or <https://www.gatewaycc.edu/pay-college/financial-aid/financial-aid-faqs>.



## POST-ENROLLMENT CRITERIA

### Uniforms and Professional Appearance

- Students are required to wear GWCC Welding Program Logo, button-down shirt.
  - Students will be provided with shirts. Other requirements for uniforms will be out-of-pocket costs.
- No open-toed shoes
- Non-slip shoes are encouraged
- Long hair to be tied and or secured
- Long beards to be tied and secured
- No dangling jewelry
- Watches and rings to be secured



**FINANCIAL INFORMATION**

**Program Costs \***

**REQUIRED TUITION AND FEES**

PROGRAM TUITION AND FEES	CNC Maching I
Registration Fee	\$ 15.00
Tuition Clock Hour	\$ 3,990.00
Course Fees	\$ 2,553.00
<b>TOTAL Tuition &amp; Fees</b>	<b>\$ 6,558.00</b>

**ADDITIONAL EXPENSES ESTIMATED COST**

ADDITIONAL EXPENSES	ESTIMATED COST
Uniform (approx. cost per uniform)	\$35.00+

*\*Please note that these are only estimates and may change. Additional fees may apply.*

**Payment Options**

Once you register for your classes, you will need to pay your tuition. There is no single best way to pay your tuition, but knowing your options will help you create a plan that works best for you.

Take action early if you plan to apply for financial aid or need to set up a payment plan. Be sure to monitor your Maricopa student email and Student Center regularly for new payment balances, due dates, and other updates, such as financial aid awards.

Students are responsible for the total program cost, which includes tuition and fees, out-of-pocket expenses, and any additional expenses associated with this program. Each student is expected to secure sufficient financial aid or Agency funding for their tuition and fees, and/or establish a payment plan during their enrollment.

We understand that the process of paying for college involves many steps. Because tuition & fees are due before classes start, we have compiled the following list of payment methods now accepted by the College.

*Please Note:* You will not be able to obtain your certification until your tuition & fees are paid in full.

For payment options and timeframes, visit <https://bit.ly/GWCCWaysToPay>

### **Scholarship Information and Alternate Funding Sources**

- Visit <https://www.mcccdf.org/scholarships/> for more information
- For details regarding scholarship opportunities, please visit <https://www.gatewaycc.edu/scholarships>

What you should know about payment plans:

- This is not a loan program
- No interest or finance charges will be assessed
- No credit check
- Down payment is required
- Divides payments over time period

Contact Student Business Services for details at (602) 238-4347 or (602) 286-8277, as payment plans differ depending on the program.

- 10% down payment due 30 days prior to start date
  - 1 – 6 scheduled payments require 10% down payment plus \$25 enrollment fee\*
  - 7 – 12 scheduled payments require 10% down payment plus \$45 enrollment fee\*

Payment Plans must be set up online through your Student Center. All payment options require an immediate (same-day) down payment. If you choose to sign-up for the payment plan, please do so before your tuition due date, otherwise, your classes may be dropped.

\* Nelnet payment plan enrollment fee is non-refundable

You May Pay Your Tuition & Fees By:

- Automatic Bank Payment (ACH) - This is a pre-approved bank-to-bank transfer of funds from your checking or savings account, processed on the 5th of each month until your balance is paid in full within your enrollment period.
- Credit Card - Monthly payments will be automatically charged to your credit card, processed by American Card Services, Inc. on the 5th of each month until the balance is paid in full within your enrollment period. eCashier registration is available online with this option

Use this link to pay for College [gatewaycc.edu/pay-college](https://gatewaycc.edu/pay-college)

## Your Financial Account

- For your convenience, you can view your financial account activity in your Student Center located at [Students | Maricopa Community Colleges](#)
- Credit/debit payments can be made online through MCCCCD Student Center, in person at Student Business Services Department, or over the phone at (602) 238-4347 or (602) 286-8277
- Cash/check payment can be made in person at the Student Business Services Department (Check website for hours).

## Payment Reminders

If you applied for and received financial aid, please check your student center to determine if you have any To Do List items as this may prolong being Awarded.

- Students unable to secure financial aid prior to their start date will be required to utilize a payment plan or third-party funding source.
- Your seat will not be secured until you have verified funding for your program. Failure to secure your seat by your due date may result in a drop from your program for Non Payment.
- Continued enrollment in the program is contingent upon the ability to secure tuition funding. Students who do not adhere to tuition payment guidelines will be withdrawn from the program.
- Students who are withdrawn prior to the program start date due to failure to comply with tuition payment guidelines will void their seat in class and it will be given to the next student in line who is on the waitlist.

## Refund Policy

Students who officially withdraw from classes within the withdrawal deadlines listed below will receive a 100% refund for tuition, course and registration fees. Deadlines that fall on a weekend or a college holiday will advance to the next college workday except for classes fewer than 10 calendar days in length or as specified by the college. Calendar days include weekdays and weekends. Refer to individual colleges for withdrawal and refund processes. Never attending is not an allowable refund exemption or an excuse of the debt incurred through registration.

Length of Class	Official Withdrawal Deadlines for 100% Refund
1-9 calendar days	Prior to the class start date
10-19 calendar days	1 calendar day including the class start date
20-29 calendar days	2 calendar days including the class start date
30-39 calendar days	3 calendar days including the class start date
40-49 calendar days	4 calendar days including the class start date
50-59 calendar days	5 calendar days including the class start date
60-69 calendar days	6 calendar days including the class start date
70+ calendar days	7 calendar days including the class start date

*\* Course fees will be refunded only if the student qualifies for a 100% refund. Debts owed to any MCCCCD college must be satisfied before any refunds are paid to the student. Refunds for students receiving federal financial assistance are subject to federal guidelines. Requests for exceptions to the refund policy must be filed within one year from the semester in which the course was taken.*

Visit this webpage for additional information:

<https://www.maricopa.edu/students/tuition-payment-information/student-refunds>

## How to Obtain a Refund

When dropping classes, you must officially do so during the refund period to be eligible for a refund. You can do this online using your Online Student Center or in person at your college's Admissions, Records, and Registration office.

Once you have officially dropped from your classes, and if you are eligible for a refund, you must contact Student Business Services at your college to receive your refund.

Student Business Service processes all refunds. All refunds of cash, check, and checking/saving payment plan payments are issued through the Maricopa Student Refund Program (MSRP). No refunds of cash are available. Refunds of credit card payments will be made only to the credit card on which the original payment was processed.

To ensure you receive your refund as quickly as possible, make sure your current address is correct, and update it if necessary in your Student Center in the Personal Information section.

If financial aid was used to pay your tuition, you may receive a refund via your selected refund method for any funds remaining after your tuition, fees, and other charges have been paid.

Click this link for additional information:

<https://www.maricopa.edu/students/tuition-payment-information/student-refunds>

## Disability Resources

Students with disabilities who believe that they may need accommodations in a class or program must contact the Disability Resource Center (DRC) at Gateway at (602) 286-8171. The Director of Disability Resources, Learning, & Testing Services is responsible for determining a student's eligibility for services and will notify the faculty in writing of the accommodations requested. During the first class session, faculty members shall announce that students may meet with them during office hours if they need special accommodations for a disability. If you have a question or concern, please contact the DRC.

[gatewaycc.edu/disability-resources](http://gatewaycc.edu/disability-resources) | email: [disability.services@gatewaycc.edu](mailto:disability.services@gatewaycc.edu) | 602-286-8171

## Medical Marijuana Policy

Maricopa Community Colleges prohibit the possession and use of marijuana on all campuses and in all off-campus student activities, including clinical externship and clinical learning experiences in health programs. This policy is dictated by Arizona Revised Statutes § 15-108, which prohibits any person, including a medical marijuana cardholder, from possessing or using marijuana on the campus of any public university, college, community college or post-secondary education institution. Federal legislation prohibits any institution of higher education that receives federal funding from allowing the possession and use of marijuana.

Maricopa Community Colleges receive federal funds through grants and financial aid. Maricopa Community Colleges continue to enforce current policies regarding controlled substances and any student or employee who violates university policy prohibiting the use or possession of illegal drugs on campus or in student activities - including educational externship - will be subject to disciplinary action and criminal prosecution.

Urine drug screens are required of students prior to attending healthcare clinical externship. Medical marijuana, or its metabolite, is not an accepted substance in urine drug screens and will result in a positive urine drug screen. Students with a prescription for medical marijuana would not be considered exempt from urine drug screening.

## Nondiscrimination Policy

The Maricopa County Community College District does not discriminate on the basis of race, religion, color, national origin, sex, handicap/disability, sexual orientation, age, or Vietnam era/disabled Veteran status in employment or in the application, admission, participation, access and treatment of persons in instructional or employment programs and activities.

## Notice

GateWay Community College reserves the right to change, without notice, any materials, pricing, information, curriculum requirements, and regulations stated in this publication