

# Precision Machining - Basic CNC Technology Short-Term Certificate

**Advisors - Ayers Campus:** Steve Caldwell, Machine Tool Building (256.835.5417) [scaldwell@gadsdenstate.edu](mailto:scaldwell@gadsdenstate.edu);  
**East Broad Campus:** David Smith, Machine Tool Technology Building (256.549.8644) [dsmith@gadsdenstate.edu](mailto:dsmith@gadsdenstate.edu); Jeff Gaither, Machine Tool Technology Building, [jgaither@gadsdenstate.edu](mailto:jgaither@gadsdenstate.edu)

NOTICE(s): For the short-term certificate in CNC Technology, the student must complete a minimum of 28 credit hours from the courses listed above. All courses must be approved by the advisor. Admission Requirement: Completion of a Precision Machining Certificate/Diploma or approval from an advisor. The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

**Program:** Precision Machining  
**Type:** Short-Term Certificate

## Technical Courses

ORI 101 is required

Item #	Title	Credits
MTT 139	Basic Computer Numerical Control	3
MTT 140	Basic Computer Numerical Control Turning Programming I	3
MTT 141	Basic Computer Numeric Control Milling Programming I	3
MTT 219	Computer Numerical Control Graphics: Turning	3
MTT 220	Computer Numerical Control Graphics: Milling	3
MTT 241	CNC Milling Lab I	3
MTT 243	CNC Turning Lab I	3
MTT 244	CNC Turning Lab II	3
MTT 281	Special Topics in Machine Tool Technology	3
MTT 282	Special Topics in Machine Tool Technology	3
MTT 292	Cooperative Education in Machine Tool Technology	3
ORI 101	Orientation to College	1
	Sub-Total Credits	34
	<b>Total credits:</b>	<b>28</b>