

ASNUNTUCK COMMUNITY COLLEGE

Advanced Manufacturing Machine Technology Requirements* - Certificate

Student Name: _____

Student ID#: _____

Offered <i>F all, Sp ring, or Su mmer</i>	Semester/Year Plan to Take	Course #	Course Title	Credits	Semester/Year Completed/ Transferred in	Grade
Requirements:						
F, Sp, Su		+MFG* 110	Introduction to Solidworks	3		
F, Sp, Su		+MFG* 124	Blueprint Reading I	2		
F, Sp, Su		+MFG* 120	Metrology	3		
F, Sp, Su		+MFG* 150	Introduction to Machine Technology	4		
F, Sp, Su		+MFG* 166	Manufacturing Machinery - Benchwork	1		
F, Sp		+MFG* 160	Introduction to GD&T	3		
F, Sp		+MFG* 165	Intermediate Machine Technology	3		
F, Sp, Su		+MFG* 168	Manufacturing Machinery - CNC I	3		
F, Sp		+MFG* 105	Manufacturing Math II	3		
F, Sp		+MFG* 125	Blueprint Reading II	3		
F, Sp		+QUA* 114	Principles of Quality Control	3		
F, Sp		+MFG* 256	Manufacturing Machinery - CNC II	3		
Total Credits Required:				34		

Reviewed by: _____

Date: _____

Program Information

Outcomes: The objective of the certificate program is to provide our students higher level technical skills including computer skills (software & hardware skills, such as, CNC, CAD & CAM, CMM and other manufacturing applications skills); machining skills; higher levels of manufacturing math skills, abstract reasoning skills; measurement skills; and quality control skills.

Employment Information: This certificate enables the candidate to enter the private sector with the skills and abilities to secure employment in many different areas of manufacturing including machine operator, set up and operation of CNC, and Quality Control. The certificate also provides the candidate with the basis to move into higher levels of manufacturing processes and management opportunities.

Graduation Information: A cumulative 2.0 GPA is required to graduate. All courses for degree credit must be numbered 100 or above. Students must complete and submit a Graduation Application to the Registrar's Office in order to graduate. *Graduation Application deadlines* : December graduation - December 1st, May graduation - March 31st, August graduation - August 1st.

***Becoming Connecticut State Community College:** STUDENTS: The Community Colleges are undergoing a merger with a plan to become Connecticut State Community College in fall 2023; please work closely with your advisor/program coordinator to select your courses accordingly. See page 53 of the 2021-2022 College Catalog for more detail about this exciting transition!

Contact Information

For more information, please contact:

Paul Felici 860.253.3189 or pfelici@asnuntuck.edu or Ed Vaghini 860.253.3153 or evaghini@asnuntuck.edu

Notice of Non-discrimination: Asnuntuck Community College does not discriminate on the basis of race, color, religious creed, age, sex, national origin, marital status, ancestry, present or past history of mental disorder, learning disability or physical disability, sexual orientation, gender identity and expression or genetic information in its programs and activities. In addition, the College does not discriminate in employment on the basis of veteran status or criminal record. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: Timothy St. James, Interim Dean of Students/Title IX Deputy, tstjames@asnuntuck.edu (860) 253-3011 and Deborah Kosior, 504/ADA Coordinator, AS-DisabilityServices@asnuntuck.edu (860) 253-3005, Asnuntuck Community College, 170 Elm Street, Enfield, CT 06082.

+Prerequisite required

*Common Course Number