ASNUNTUCK COMMUNITY COLLEGE

Technology Studies: Machine Technology Option Requirements -
Associate in Science (A.S.) Degree
Pathway to entry into CCSU's School of Technology
(2.0 GPA required with no grade less than "C")

Student Name: _____   Student ID#: _____

Offered _F all_, _Sp ring_, or _Su mmer_	Semester/Year Plan to Take	Course #	Course Title	Credits	Semester/ Year Completed/ Transferred in	Grade
Major Requirements:						
F, Sp, Su		+MFG* 105	Manufacturing Math II	3		
F, Sp, Su		+MFG* 110	Solidworks	3		
F, Sp, Su		+QUA* 114	Principles of Quality Control	3		
F, Sp, Su		+MFG* 120	Metrology	3		
F, Sp, Su		+MFG* 124	Blueprint Reading I	2		
F, Sp, Su		+MFG* 125	Blueprint Reading II	3		
F, Sp		+MFG* 150	Introduction to Machine Technology	4		
F, Sp		+MFG* 160	Introduction to GD&T	3		
F, Sp		+MFG* 165	Intermediate Machine Technology	3		
F, Sp		+MFG* 166	Benchwork	1		
F, Sp		+MFG* 168	CNC I	3		
F, Sp		+MFG* 256	CNC II	3		
			Major Requirements:	34		
General Education Requirements:						
			Humanities:			
F, Sp, Su		+ENG* 101	Composition	3		
F, Sp, Su		COM* 173	Public Speaking	3		
See catalog			**Humanities and/or Language Electives:** **Humanities Electives:** ART*, COM*, 101, 121, 152, 171, 173, 204, ENG* (101 or above) FRE*, GRA*, +HIS*, HUM*, MUS* 101, 103, PHL*, SPA*, SGN*, THR* **Foreign Language Electives:** SGN*, SPA*	6-8		
			Fine Arts Elective:			
See catalog			**Fine Arts** (Choose one): ART*, COM*166, DAN*111, 128, GRA*, ENG*206, 207, 213, 281, 282, 285, 289, MUS*, THR*	3-4		
			Social and Behavioral Sciences:			
See catalog			**Social and Behavioral Sciences Electives** (Choose one): ANT*, ECN*, +HIS*, POL*, PSY*, SOC*, (+HIS* or ECN* Recommended)	3		
			Math and Science:			
F, Sp		+CHE* 111	Concepts of Chemistry	4		
F, Sp		+MAT* 167	Principles of Statistics	3		
F, Sp, Su		+MAT* 186	Precalculus	4		
See catalog		+PHY* 110	Introductory Physics	4		
			Minimum Total:	**67**		

Reviewed by: _____   Date: _____

Reviewed by: _____   Date: _____

+Prerequisite required
*Common Course Number (See other side for the department designation)   6/2019

Program Information

Program Outcomes: The objective of the Associate Degree 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 skill; measurement skills; and quality control skills.

Transfer Opportunities: Completion of the entire program with an average grade of "C" provides for automatic continuation at Central Connecticut State University's School of Technology or Charter Oak State College, where the student can earn a bachelor of science degree in engineering technology, industrial technology, or technology education.

Employment Information: This Associate Degree 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 Associate Degree Program also provides the candidate with the basis to move into higher levels of manufacturing processes and management opportunities.

Graduation Information: A culumulative 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.

Subject Area Designations

ACC	Accounting	CST	Information Systems Technology (Computer-Technology)	MAS	Massage Therapy	
ANT	Anthropology	DAN	Dance Digital Arts	MAT	Mathematics	
ART	Art	DGA	Digital Arts	MED	Medical Assisting	
AST	Astronomy	ECE	Early Childhood Education	MFG	Manufacturing	
BBG	Business (General)	ECN	Economics	MUS	Music	
BES	Business (Entrepreneurship)	ENG	English	OCE	Oceanography	
BFN	Business (Finance)	EVS	Environmental Science	PHL	Philosophy	
BIO	Biology	FRE	French	PHY	Physics	
BMG	Business (Management)	GEO	Geophgraphy	POL	Political Science	
BMK	Business (Marketing)	GRA	Graphic Arts	PSY	Psychology	
CAD	Computer Aided Drafting	HDEV	Human Development	QUA	Quality Assurance	
CHE	Chemistry	HIM	Health Information Management	SGN	Sign Language	
CHI	Chinese	HIS	History	SOC	Sociology	
CJS	Criminal Justice	HLT	Health	SPA	Spanish	
COM	Communications	HSE	Human Services	THR	Theatre	
CSA	Information Systems Technology (Computer-Applications)	HPE	Health and Physical Education			
CSC	Information Systems Technology (Computer-Science)	HUM	Humanities			

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