

Technical Studies/Machine Tool Technology Option – A.A.S.

Associate in Applied Science – A.A.S.

Effective Date: 7/1/20-6/30/21 | CATALOG: UG20

FALL SEMESTER 1 st YEAR			Credit Hours	<input checked="" type="checkbox"/>
ENGL101	English Composition I	3	<input type="checkbox"/>	
MATH105	Technical Mathematics	3	<input type="checkbox"/>	
MCHT103	Print & Drawing Interpretation	3	<input type="checkbox"/>	
MCHT105	Machine Tool Technology I	4	<input type="checkbox"/>	
MCHT115	Instruments, Tools, & Machines	2	<input type="checkbox"/>	
TOTAL FALL SEMESTER		15		

FALL SEMESTER 2 nd YEAR			Credit Hours	<input checked="" type="checkbox"/>
TSC000 or MCHT000	Technical Studies Core or Program Elective	4	<input type="checkbox"/>	
TSC000 or MCHT000	Technical Studies Core or Program Elective	3	<input type="checkbox"/>	
GNED000	General Education Requirement	3	<input type="checkbox"/>	
GHMN000 or GSOC000	Humanities or Social Science Gen Ed Requirement	3	<input type="checkbox"/>	
TOTAL FALL SEMESTER		13		

WINTER SESSION 1st YEAR

SPRING SEMESTER 1 st YEAR			Credit Hours	<input checked="" type="checkbox"/>
ENGL125	Technical Writing & Communication I	3	<input type="checkbox"/>	
GTEC000	Technology Gen Ed Requirement	3	<input type="checkbox"/>	
MCHT135	Introduction to CNC Program & Operations	3	<input type="checkbox"/>	
TSC000 or MCHT000	Technical Studies Core or Program Elective	4	<input type="checkbox"/>	
TSC000 or MCHT000	Technical Studies Core or Program Elective	3	<input type="checkbox"/>	
TOTAL SPRING SEMESTER		16		

WINTER SESSION 2nd YEAR

SPRING SEMESTER 2 nd YEAR			Credit Hours	<input checked="" type="checkbox"/>
TSC000 or MCHT000	Technical Studies Core or Program Elective	3	<input type="checkbox"/>	
TSC000 or MCHT000	Technical Studies Core or Program Elective	3	<input type="checkbox"/>	
TSC000 or MCHT000	Technical Studies Core or Program Elective	4	<input type="checkbox"/>	
GNED000	General Education Requirement	3	<input type="checkbox"/>	
COMS225	Computer Aided Design	3	<input type="checkbox"/>	
TOTAL SPRING SEMESTER		16		

SUMMER SESSION 1st YEAR

SUMMER SESSION 2nd YEAR

TOTAL PROGRAM 60

Humanities/Social Science Gen Ed Requirement: Choose from the list of approved courses listed in the College catalog

Technical Studies Core or Program Electives Courses (Recommended)**			
Technical Studies credits may be earned for corporate, industrial, or military training programs after review by a faculty assessor of related program. Individuals without sufficient technical training experience must select courses in one of the programs/options listed below to satisfy the Technical Studies credit requirements. All courses should be selected with assistance from a faculty advisor.			
MCHT125	Machine Tool Technology II (SP)	4	<input type="checkbox"/>
MCHT147	CNC Turning & Machine Centers (SP)	3	<input type="checkbox"/>
MCHT218	Machine Tool Technology III (FA)	4	<input type="checkbox"/>
MCHT225	Computer Aided Machining I (FA)	3	<input type="checkbox"/>
MCHT235	Computer Aided Machining II (SP)	3	<input type="checkbox"/>
MCHT240	Manufacturing Methods (SP)	3	<input type="checkbox"/>
MCHT280	Machine Tool Internship (SP)	4	<input type="checkbox"/>

Technology General Education courses (Recommended)			
Recommended courses listed below but student can also choose from the list of approved General Education courses in the College catalog.			
COMS110	Computer Concepts and Applications	3	<input type="checkbox"/>
**Select courses from one of the following programs (P)/options (O) (Courses must be approved by appropriate faculty advisor):			
Automotive Service Technology (P)	Diesel Service Technology (O)		
Building Construction Technology (O)	Engineering Science (O)		
Business Management (P)	Graphic Design (P)		
Computer Information Systems (P)	Welding Technology (O)		

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.