

Associate in Applied Science
General Technology
Machine Tool Technology (AAS.GT.GTMTT 35318)

Total Credit Hours: 65
Effective: Fall 2020

Graduation Plan

First Semester			
	Credit Hours	Pre-requisites	Recommended Terms
COL 101 College Orientation	1.0		1 st 8 weeks –FA
*EGT 128 Machine Tool Print Layout	2.0	RDG 031	1 st 8 weeks FA and SP only
ENG 155 Communications I	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 weeks – FA
MAT 155 Contemporary Mathematics	3.0	MAT 033 or equivalent	2 nd 8 weeks – FA
*MTT 111 Machine Tool Theory & Practice I	5.0	RDG 031, Co-requisite: EGT 128	16 weeks FA and SP only
*MTT 141 Metals and Heat Treatment	3.0		2 nd 8 weeks FA and SP only
TOTAL	17.0		

Second Semester

	Credit Hours	Pre-requisites	Recommended Terms
ECO 101 Basic Economics	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 weeks – SP
*EGT 130 Geometric Dimensioning & Tolerancing	3.0	EGT 128	2 nd 8 weeks SP and SU only
*MTT 112 Machine Tool Theory & Practice II	5.0	MTT 111	16 weeks SP and SU only
*MTT 254 CNC Programming I	3.0	MTT 112 RDG 031 or equivalent	16 weeks SP and SU only
@ Secondary Technical Specialty needed (12 credit hours needed from approved class list)	3.0		1 st 8 weeks - SP
TOTAL	17.0		

Third Semester

	Credit Hours	Pre-requisites	Recommended Terms
PSY 105 Personal/Interpersonal Psychology	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 weeks – FA
*MTT 147 Tool and Cutter Grinding	2.0		2 nd 8 weeks SU and FA only
*MTT 215 Tool Room Machining I	4.0	MTT 112	16 weeks SU and FA only
*MTT 216 Machine Tool Machining II	4.0	MTT 112	16 weeks SU and FA only
*MTT 255 CNC Programming II	3.0	MTT 254	16 weeks SU and FA only
TOTAL	16.0		

* Courses in this program that require a minimum grade of "C"

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Forth Semester			
	Credit Hours	Pre-requisites	Recommended Terms
HSS 205 Technology and Society	3.0	Co-requisite: ENG 032 or equivalent	1 st 8 weeks – SP
MTT-253 CNC Programing	3.0	Co-requisite: ENG 032 or equivalent	16 weeks FA and SP only
@ Secondary Technical Specialty needed (12 credit hours needed from approved class list)	3.0		1 st 8 weeks - SP
@ Secondary Technical Specialty needed (12 credit hours needed from approved class list)	3.0		1 st 8 weeks SP
@ Secondary Technical Specialty needed (12 credit hours needed from approved class list)	3.0		2 nd 8 weeks SP
TOTAL	15.0		

- @ Approved Secondary Technical Specialty: EGR 170, EGR 175, EGR 270, EGR 275, EGT 110, EGT 115, EGT 210, EGT 252, IMT 102, IMT 104, IMT 114, IMT 120, IMT 131, IMT 151, IMT 161, WLD 104, WLD 111, WLD 113, WLD 136, WLD 142, WLD 152
- Approved Other Hours Required (totals a minimum of 12 credits hours): EGT 128, EGT 130, EGT 151, EGT 212, MTT 216, MTT 231, MTT 232, MTT 241, MTT 242, MTT 253, MTT 258, MTT 270

* Courses in this program that require a minimum grade of “C”