

# FLINT HILLS TECHNICAL COLLEGE

Associate of Applied Science, Computerized Machine Tool Engineering

Total Credits: 61-64

**Fall**

Course #	Course Title	Credits
HHS 268	FA/Heartsaver	2
MTE 113	Manual Machining I	4
MTE 115	Manual Machining II	4
MTE 211	Basic Mill and Lathe Programming	4
MTE 232	Advanced Lathe Programming	4
	<b>Total</b>	<b>18</b>

**Spring**

Course #	Course Title	Credits
MTE 116	Computerized Machine Operation II	4
MTE 126	Introduction into Mastercam	4
MTE 127	Conversational Lathe Programming	2
MTE 231	Advanced Mill & Computer Measurement	4
PDV101	Professional Development I	1
	<b>Total</b>	<b>15</b>

**Fall**

Course #	Course Title	Credits
MTE 234	Computer-Aided Machine Development	4
MTE 235	5 Axis Machine Operation	4
MTE 243*	Advanced Machine Operation	6
MTE 246*	Internship	4
	<b>Total</b>	<b>12-14</b>

**Spring**

Course #	Course Title	Credits
	<b>Choose one English Course</b>	
EG 100	English for Technical Professions	3
EG 103	English Composition I*	3
	<b>Choose one Communications Course</b>	
SP 100	Public Speaking*	3
SP 200	Interpersonal Communications*	3
	<b>Choose one Mathematics Course</b>	
MA 108	Essentials Math*	3
MA 110	College Algebra*	3
	<b>Choose one Science Course</b>	
CH125/126	Chemistry I and Chemistry I Lab*	3/2
BI 101/BI 101	General Biology and General Biology Lab*	3/1
PS 150/151	Physical Science and Physical Science Lab*	3/2
	<b>Choose one Behavioral Science Course</b>	
PY 100	Introduction to Psychology*	3
SO 100	Introduction to Sociology*	3
	<b>Total</b>	<b>16-17</b>

\*[Kansas Systemwide General Education](#)