

**Computerized Numerical Control (CNC)**  
**Associate in Applied Science**  
**M.A.P.<sup>+</sup>**

***<sup>+</sup>Students must complete the Machine Tool Technology AAS technical (Area V) requirements or have extensive experience as a machinist prior to enrolling in Computerized Numerical Control.***

Semester	Suggested Courses	Semester(s) Offered*	Credit Hrs.
<b>Semester 1</b> 18 credit hours	CNC 101 Introduction to CNC	Fall	6
	CNC 222 CNC Graphics: Turning	Fall	3
	CNC 215 Quality Control and Assurance	Fall	3
	CNC 217 Tooling and Machining Data	Fall	3
	Area IV History or Social/Behavioral Science <sup>++</sup>	Fall, Spring, Summer	3
<b>Semester 2</b> 18-19 credit hours	CNC 103 Manual Programming	Spring	6
	CNC 223 CNC Graphics Programming: Milling	Spring	3
	CNC 104 CNC Milling Operations	Spring	6
	Area III Math or Natural Science Elective <sup>++</sup>	Fall, Spring, Summer	3-4
<b>Semester 3</b> 15 credit hours <b>CNC AAS Degree Achieved</b>	CNC 102 CNC Turning Operations	Summer	6
	CNC 240 CNC Milling and Lathe Lab	Summer	3
	CNC 216 Quality Control II	Summer	3
	Area II Fine Art or Humanities <sup>++</sup>	Fall, Spring, Summer	3

\*Course(s) may be offered in additional semesters but are only assured to run in semester(s) indicated. It is **highly** recommended for course(s) to be completed in the semester(s) indicated.

Part-time and full-time students desiring to begin the CNC program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.

<sup>++</sup>Students who have not completed the general education requirements of the Machine Tool Technology Certificate prior to CNC admittance should complete the following courses in lieu of the Area II-IV courses listed above: ENG 101 (fall), MTH100 or MTH 116 (spring), and SPH 106 or SPH 107 (summer).