



Machine Tool Technology - CNC

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
	ENG 101	English Composition I	3	Fa Sp Su	I
	MTT 121	Basic Print Reading for Machinists	3	Fa Sp Su	V
	MTT 127	Metrology	3	Fa Sp Su	V
	MTT 147	Introduction to Machine Shop I	3	Fa Sp Su	V
	MTT 148	Introduction to Machine Shop I Lab	3	Fa Sp Su	V
Semester 2	IDS 102*	Ethics	3	Fa Sp Su	II
	MTT 107	Machining Calculations	3	Fa Sp Su	V
	MTT 149	Introduction to Machine Shop II	3	Fa Sp Su	V
	MTT 150	Introduction to Machine Shop II Lab	3	Fa Sp Su	V
	MTT 171	Interm. Blueprint Reading for Machinists	3	Fa Sp Su	V
Semester 3	MTH 103*	Technical Math	3	Fa Sp Su	III
	CNC 112	CNC Turning	3	Fa Sp Su	V
	CNC 113	CNC Milling	3	Fa Sp Su	V
	CNC 120	Basic Set-up for CNC Machines	3	Fa Sp Su	V
	CNC 221	Adv. Blueprint Reading for Machinist	3	Fa Sp Su	V
Semester 4	HIS 201*	United States History I	3	Fa Sp Su	IV
	CNC 215	Quality Control & Assurances	3	Fa Sp Su	V
	CNC 220	Intermediate Set-up for CNC Machines	3	Fa Sp Su	V
	CNC 222	CNC Graphics: Turning	3	Fa Sp Su	V
	CNC 223	CNC Graphics: Milling	3	Fa Sp Su	V
Semester 5	CIS 146*	Computer Applications	3	Fa Sp Su	III
	CNC 224	Multi Axis Turing, Prog. and Set-up	3	Fa Sp Su	V
	CNC 225	Multi Axis Milling, Prog. and Set up	3	Fa Sp Su	V
	CNC 226	CNC Automation	3	Fa Sp Su	V
	CNC 227	CNC Additive Manufacturing	3	Fa Sp Su	V

Wage Progression
Machine Tool
Technology**

Level 1 MTT Short-Term
Certificate
CNC Operator/Machinist
\$19.23/hr
(\$40,000/year)



CNC Certificate
CNC Setup Technician
\$26.44/hr
(\$55,000/year)



Associate Degree
CNC Programmer/
Manufacturing Specialist
\$33.65/hr
(\$70,000/year)

**Salary projections are estimates based on available data and are not guarantees of future earnings. Actual salaries may vary based on location, employer, experience, education, and market conditions.

Machine Tool Technology-CNC AAS TOTAL HOURS 76

Level 1 Machine Tool Technology Short-Term Certificate TOTAL HOURS 24

Computer Numerical Control Short-Term Certificate TOTAL HOURS 24

CNC Advanced Short-Term Certificate TOTAL HOURS 12