


All   notated courses complete the Career Pathway Certificate (CPC) built into the AAS

**COMPLETE THE FOLLOWING GENERAL ED REQUIREMENTS (13)**

**ENGLISH:**

WR-101: Communication Skills: Occupational Writing (3)


**MATH:**

MTH-050: Technical Mathematics I  (substitution allowed) (4)









**HUMAN RELATIONS RELATED INSTRUCTION: Complete (3) credits**



Please refer to page 82 of the catalog for a list of approved related instruction courses.

**PE/HEALTH/SAFETY RELATED INSTRUCTION:**


MFG-107 Industrial Safety & First Aid  (3)

**COMPLETE THE FOLLOWING MANUFACTURING TECHNOLOGY CORE REQUIREMENTS (75)**

MFG-109: Computer Literacy for Technicians (3)	<b>OR</b>	MFG-209: Programming & Automation for Manufacturing (3)
MFG-104: Print Reading 	(2)	<input type="checkbox"/>
MFG-111: Machine Tool Fundamentals I 	(9)	<input type="checkbox"/>
MFG-105: Dimensional Inspection 	(2)	<input type="checkbox"/>
MFG-112: Machine Tool Fundamentals II 	(9)	<input type="checkbox"/>
MTH-080: Technical Mathematics II	(3)	<input type="checkbox"/>
MFG-106: Advanced Applied Geometric Dimensioning and Tolerancing for Manufacturing 	(3)	<input type="checkbox"/>
MFG-201: CNC I: Set-Up and Operation 	(4)	<input type="checkbox"/>
MFG-280: Manufacturing Technology/CWE	(4)	<input type="checkbox"/>
MFG-113: Machine Tool Fundamentals III	(9)	<input type="checkbox"/>
MFG-204: Computer-Aided Manufacturing I 	(4)	<input type="checkbox"/>
MFG-202: CNC II: Programming & Operation 	(4)	<input type="checkbox"/>
MFG-205: Computer-Aided Manufacturing II	(4)	<input type="checkbox"/>
MFG-211: Machine Tool Fundamentals IV	(6)	<input type="checkbox"/>
MFG-203: CNC III: Applied Programming & Operation	(3)	<input type="checkbox"/>
MFG-206: Computer-Aided Manufacturing III	(3)	<input type="checkbox"/>
MFG-221: Materials Science	(3)	<input type="checkbox"/>

 **All courses with  complete the CNC Machining Technician Career Pathway Certificate (CPC)**


**Total Credits Required: 24-26\***

\*2-4 credits of program electives needed. Elective choices are marked 

[Look at potential jobs](#)

All Career Pathway Certificate credits apply to the AAS but can lead to an industry recognized credential and/or certificate before completing the AAS

**COMPLETE THE FOLLOWING ELECTIVE REQUIREMENTS (6)**

Complete (3) credits of Manufacturing Technology electives (i.e. WLD-150 		
- Please refer to the catalog for a complete list of manufacturing technology program electives		
Complete (3) credits of General electives		
- This may consist of any course 100 level or above.		

**Total Credits Required for AAS: 94**

Check out [Career Coach](#) to see the many different job outlooks for all the CCC degree and certificates.

CCC offers stackable credentials to an AAS degree. The **Career Pathway Certificates** complete the first step. There are also **One Year Certificates** imbedded into many AAS degrees that complete the next step before completing the AAS. Talk with your advisor for more info about all the certificate programs CCC offers.