

Full-Time Advanced Manufacturing AAS Career Ready Pathway (21 Months)

Guided pathways are recommended course sequences for earning a certificate or degree. Waubonsee's academic and career advising and counseling professionals are available to guide students on their path to graduate.

Fall	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
ENG101 First-Year Composition I or ENG152 Business Communication	3	ENG101: C or better in ENG085 or ENG095, transitional English in high school, or college placement measures. ENG152: None	FA SP SU	<input type="checkbox"/>
AMT100 Intro to Mfg Automation Systems	3	None	F	<input type="checkbox"/>
EGR101 Engineering Graphics	3	None	FA SP	<input type="checkbox"/>
MTT110 Print Reading for Machine Trades	3	None	FA SP	<input type="checkbox"/>
MTT111 Metrology/Mechanical Inspection	2	None	FA	<input type="checkbox"/>
Total	14			

Spring	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
ENG102 First-Year Composition II or ENG153 Technical Writing	3	ENG102: C or better in ENG101. ENG153: None	FA SP SU	<input type="checkbox"/>
CIS110 Business Information Systems	3	None	FA SP SU	<input type="checkbox"/>
MTT100 Safety Principles	1	None	FA SP	<input type="checkbox"/>
MTT108 Machining Fundamentals	3	None	SP	<input type="checkbox"/>
MTT115 Manual Machine Shop Operations	3	Recommended: MTT110, MTT111	SP	<input type="checkbox"/>
MTT120 Introduction to Computer Numerical Control	2	Recommended: MTT110, MTT111	SP	<input type="checkbox"/>
Total	15			

Fall	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
Mathematics Elective	3	College placement measures	FA SP SU	<input type="checkbox"/>
Social and Behavioral Sciences Elective	3	None	FA SP SU	<input type="checkbox"/>
MTT112 Properties of Materials	3	None	FA	<input type="checkbox"/>
MTT125 CNC Mill Operations and Programming	3	Recommended: MTT110, MTT111 Recommended Corequisite: MTT120	FA	<input type="checkbox"/>
MTT126 CNC Lathe Operations and Programming	3	Recommended: MTT110, MTT111 Recommended Corequisite: MTT120	FA	<input type="checkbox"/>
Total	15			

Spring	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
COM100 Fundamentals of Speech Communication or COM121 Communication in the Workplace	3	None	FA SP SU	<input type="checkbox"/>
MTT200 Advanced CNC Programming	3	MTT125 or consent of instructor	SP	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	3	See Catalog	FA SP SU	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	3	See Catalog	FA SP SU	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	2	See Catalog	FA SP SU	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	2	See Catalog	FA SP SU	<input type="checkbox"/>
Total	16	Questions? Call (630) 466-2361 or email advising@waubonsee.edu		
Degree Total	60			

Part-Time Advanced Manufacturing AAS Career Ready Pathway (3.5 Years)

Fall (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
AMT100 Intro to Mfg Automation Systems	3	None	FA	<input type="checkbox"/>
MTT111 Metrology/Mechanical Inspection	2	None	FA	<input type="checkbox"/>
MTT100 Safety Principles	1	None	FA SP	<input type="checkbox"/>
Total	6			

Spring (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
EGR101 Engineering Graphics	3	None	FA SP	<input type="checkbox"/>
MTT108 Machining Fundamentals	3	None	SP	<input type="checkbox"/>
Total	6			

Summer (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
ENG101 First-Year Composition I or ENG152 Business Communication	3	ENG101: C or better in ENG085 or ENG095, transitional English in high school, or college placement measures. ENG152: None	FA SP SU	<input type="checkbox"/>
CIS110 Business Information Systems	3	None	FA SP SU	<input type="checkbox"/>
Total	6			

Fall (year two)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
MTT 110 Print Reading for Machine Trades	3	None	FA SP	<input type="checkbox"/>
MTT112 Properties of Materials	3	None	FA	<input type="checkbox"/>
Total	6			

Spring (year two)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
MTT115 Manual Machine Shop Operations	3	Recommended: MTT11, MTT111	SP	<input type="checkbox"/>
MT 120 Introduction to Computer Numerical Control	2	Recommended: MTT110, MTT111	SP	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	2	See Catalog	FA SP SU	<input type="checkbox"/>
Total	7			

Summer (year two)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
ENG102 First-Year Composition II or ENG153 Technical Writing	3	C or better in ENG101	FA SP SU	<input type="checkbox"/>
Mathematics Elective	3	College placement measures	FA SP SU	<input type="checkbox"/>
Total	6			

Fall (year three)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
MTT125 CNC Mill Operations and Programming	3	Recommended: MTT110, MTT111 Recommended Corequisite: MTT120	FA	<input type="checkbox"/>
MTT126 CNC Lathe Operations and Programming	3	Recommended: MTT110, MTT111 Recommended Corequisite: MTT120	FA	<input type="checkbox"/>
Total	6			

Spring (year three)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
MTT200 Advanced CNC Programming	3	MTT125 or consent of instructor	SP	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	2	See Catalog	FA SP SU	<input type="checkbox"/>
Total	5			

Summer (year three)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
Social and Behavioral Sciences Elective	3	None	FA SP SU	<input type="checkbox"/>
COM100 Fundamentals of Speech Communication or COM121 Communication in the Workplace	3	None	FA SP SU	<input type="checkbox"/>
Total	6			

Fall (final semester)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	3	See Catalog	FA SP SU	<input type="checkbox"/>
Choose from: ABR, AMT, AUT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT, WLD	3	See Catalog	FA SP SU	<input type="checkbox"/>
Total	6	Questions? Call (630) 466-2361 or email advising@waubonsee.edu		
Degree Total	60			