

Full-time Computer Aided Design and Drafting AAS Career Ready Pathways (Architectural Emphasis 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"/>
CAD100 Technical Drawing I or EGR101 Engineering Graphics	3	CAD100: CAD102. EGR101: EGR100	FA	<input type="checkbox"/>
CAD102 AutoCAD I	3	None. Recommended Corequisite CAD100 and EGR101	FA SP	<input type="checkbox"/>
CAD125 MicroStation I	3	CAD125: None. Recommended Corequisite: EGR101	FA	<input type="checkbox"/>
CIS110 Business Information Systems	3	None	FA SP SU	<input type="checkbox"/>
Total	15			

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"/>
Math Elective: MTH103 Technical Math	3	None	FA SP SU	<input type="checkbox"/>
CAD118 Technical Drawing II	3	CAD100 and CAD102. Corequisite: CAD120	SP	<input type="checkbox"/>
CAD120 AutoCAD II	3	CAD102 or consent of Instructor. Recommended Corequisite: CAD118	FA SP	<input type="checkbox"/>
CAD131 Civil Engineering, Using Civil3D	3	CAD102 or EGR101	SP	<input type="checkbox"/>
Total	15			

Fall	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"/>
Social and Behavioral Sciences Elective	3	None	FA SP SU	<input type="checkbox"/>
CAD127 Residential Architectural	3	CAD102 or EGR101	FA	<input type="checkbox"/>
CMT101 The Construction Industry	3	None	FA	<input type="checkbox"/>
CMT111 Construction Materials and Methods I	3	None	FA	<input type="checkbox"/>
Total	15			

Spring	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD129 Commercial Architectural	3	CAD127	SP	<input type="checkbox"/>
MTT100 Safety Principles	1	None	FA SP	<input type="checkbox"/>
CMT105 Blueprint Reading for Construction	3	None. Recommended Corequisite: CMT111	SP	<input type="checkbox"/>
CMT115 Construction Methods II	3	None. Recommended Corequisite: CMT111	SP	<input type="checkbox"/>
Choose from: AMT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT or WLD	3	See Catalog	FA SP	<input type="checkbox"/>
Choose from: AMT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT or WLD	2	See Catalog	FA SP	<input type="checkbox"/>
Total	15	Questions? Call (630) 466-2361 or email advising@waubonsee.edu		
Degree Total	60			

Part-time Computer Aided Design AAS-Architectural Emphasis Career Ready Pathway (3.5 Years)

Fall (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD100 Technical Drawing I or EGR101 Engineering Graphics	3	Corequisite: CAD102. EGR101: EGR100	FA	<input type="checkbox"/>
CAD102 AutoCAD I	3	Recommended Corequisite: CAD100 and EGR101	FA SP	<input type="checkbox"/>
Total	6			

Spring (year one)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD118 Technical Drawing II	3	CAD100 and CAD102 Corequisite: CAD120	SP	<input type="checkbox"/>
CAD120 AutoCAD II	3	CAD102 or consent of Instructor. Recommended Corequisite: CAD118	FA 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"/>
CAD125 MicroStation I	3	None. Recommended Corequisite: EGR101	FA	<input type="checkbox"/>
CAD127 Residential Architectural	3	CAD102 or EGR101	FA	<input type="checkbox"/>
Total	6			

Spring (year two)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CAD129 Commercial Architectural	3	CAD127	SP	<input type="checkbox"/>
CAD131 Civil Engineering, Using Civil3D	3	CAD102 or EGR101	SP	<input type="checkbox"/>
Total	6			

Summer (year two)	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"/>
Math Elective: MTH103 Technical Math	3	None	FA SP SU	<input type="checkbox"/>
Total	6			

Fall (year three)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CMT101 The Construction Industry	3	None	FA	<input type="checkbox"/>
CMT111 Construction Materials and Methods I	3	None	FA	<input type="checkbox"/>
Total	6			

Spring (year three)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
CMT105 Blueprint Reading for Construction	3	None. Recommended Corequisite: CMT111	SP	<input type="checkbox"/>
CMT115 Construction Methods II	3	None. Recommended Corequisite: CMT111	SP	<input type="checkbox"/>
Total	6			

Summer (year three)	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"/>
Social and Behavioral Sciences Elective	3	None	FA SP SU	<input type="checkbox"/>
Total	6			

Fall (final semester)	Credits	Prerequisite	Semester Offered	<input checked="" type="checkbox"/>
Electives choose from: AMT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT or WLD	3	See Catalog	FA SP	<input type="checkbox"/>
Electives choose from: AMT, BUS, CAD, CIS, CMT, EGR, HVA, ITS, MTT or WLD	2	See Catalog	FA SP	<input type="checkbox"/>
MTT100 Safety Principles	1	None	FA SP	<input type="checkbox"/>
Total	6	Questions? Call (630) 466-2361 or email advising@waubonsee.edu		
Degree Total	60			