![Waubonsee Community College logo]

Full-time Computer Software Development 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	☑
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	☐
BUS100 Introduction to Business	3	None	FA | SP | SU	☐
CIS110 Business Information Systems	3	None	FA | SP | SU	☐
WEB110 Web Development with HTML	3	None	FA | SP	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Total	**15**			

Spring	Credits	Prerequisite	Semester Offered	☑
ENG102 First-Year Composition II **or** ENG153 Technical Writing	3	ENG102: C or better in ENG101. ENG153: None	FA | SP | SU	☐
Mathematics Elective	3	College Placement Measures	FA | SP | SU	☐
CIS115 Introduction to Programming	3	C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended corequisite: CIS116	FA | SP | SU	
CIS116 Dev Tools/Structured Program Design	3	Recommended corequisite: CIS115	SP	☐
CIS118 Information Technology Professional	3	None	FA | SP	☐
Total	**15**			

Fall	Credits	Prerequisite	Semester Offered	☑
COM100 Fundamentals of Speech or COM121 Communication in the Workplace	3	None	FA | SP | SU	☐
Economics Elective	3	None	FA | SP | SU	☐
CIS122 Networking Essentials	3	None	FA | SP	☐
CIS130 Computer Science I: C++ Programming **or** CIS150 Computer Science I: Java Programming	3	C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended: CIS115	FA | SP	☐
CIS202 Database Management	3	None	FA	☐
Total	**15**			

Spring	Credits	Prerequisite	Semester Offered	☑
CIS180 Linux Operating System	3	None	FA | SP	☐
CIS205 Information Technology Project Management	3	None	SP	☐
CIS230 Computer Science II: C++ Programming *or* CIS250 Computer II: Java Programming	3	CIS130 or CIS150 or consent of instructor	SP	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Total	15	**Questions? Call (630) 466-2361 or email advising@waubonsee.edu**		
Degree Total	**60**			

Part-time Computer Software Development AAS Career Ready Pathway (3.5 Years)

Fall (year one)	Credits	Prerequisite	Semester Offered	☑
CIS110 Business Information Systems	3	None	FA | SP | SU	☐
WEB 110 Web Development with HTML	3	None	FA | SP	☐
Total	**6**			

Spring (year one)	Credits	Prerequisite	Semester Offered	☑
CIS115 Introduction to Programming	3	C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended corequisite: CIS116	FA | SP | SU	☐
CIS116 Dev Tools/Structured Program Design	3	Recommended corequisite: CIS115	SP	☐
Total	**6**			

Summer (year one)	Credits	Prerequisite	Semester Offered	☑
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	☐
BUS100 Introduction to Business	3	None	FA | SP | SU	☐
Total	**6**			

Fall (year two)	Credits	Prerequisite	Semester Offered	☑
CIS130 Computer Science I: C++ Programming *or* CIS150 Computer Science I: Java Programming	3	C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended: CIS115	FA | SP	☐
CIS202 Database Management	3	None	FA	☐
Total	**6**			

Spring (year two)	Credits	Prerequisite	Semester Offered	☑
CIS230 Computer Science II: C++ Programming *or* CIS250 Computer II: Java Programming	3	CIS130 or CIS150 or consent of instructor	SP	☐
CIS180 Linux Operating System	3	None	FA | SP	☐
Total	**6**			

Summer (year two)	Credits	Prerequisite	Semester Offered	☑
ENG102 First-Year Composition II **or** ENG153 Technical Writing	3	C or better in ENG101	FA | SP | SU	☐
Mathematics Elective	3	College placement measures	FA | SP | SU	☐
Total	**6**			

Fall (year three)	Credits	Prerequisite	Semester Offered	☑
CIS118 Information Technology Professional	3	None	FA | SP	☐
CIS205 Information Technology Project Management	3	None	FA	☐
Total	**6**			

Spring (year three)	Credits	Prerequisite	Semester Offered	☑
CIS122 Networking Essentials	3	None	FA | SP	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Total	**6**			

Summer (year three)	Credits	Prerequisite	Semester Offered	☑
COM100 Fundamentals of Speech or COM121 Communication in the Workplace	3	None	FA | SP | SU	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Total	**6**			

Fall (final semester)	Credits	Prerequisite	Semester Offered	☑
Economics Elective	3	None	FA | SP | SU	☐
Choose From ACC, BUS, CAD, CIS, MGT, MKT, WEB	3	See Catalog	FA | SP | SU	☐
Total	6	**Questions? Call (630) 466-2361 or email advising@waubonsee.edu**		
Degree Total	60			

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