

OAKLAND COMMUNITY COLLEGE

Computer Information Systems Software Engineering Option (CIS.SWE.AAS) - Full Time - Fall Start 2021-2022

Students should meet with an OCC counselor before attempting this plan of study

Year 1 - FALL

COURSES		
CIS 1200	Introduction to Database Systems	4
CIS 1300	Networking Concepts	4
CIS 1420	HTML 5 Programming	3
ENG 1510	Composition I	3
Gen Ed	Social Science	3
		TOTAL CREDITS: 17

Year 1 - WINTER

COURSES		
CIS 1440	JavaScript Programming for Websites	4
CIS 1500	Introduction to Programming (Java)	4
CIS 1512	Principles of Software Engineering	3
PHI 1710	Introduction to Informal Logic	3
		TOTAL CREDITS: 14

Year 2 - FALL

COURSES		
CIS 2151	Object-Oriented Programming (Java)	4
CIS 2353	Data Structures	4
COM 1290	Interpersonal Communication	3
MAT 1150 ¹	Intermediate Algebra	4
		TOTAL CREDITS: 15
MILSTONE: Make an appointment to meet with a Counselor to apply for this degree.		

Year 2 - WINTER

COURSES		
CIS 2111	Systems Analysis and Design (UML)	4
CIS 2252	Object-Oriented Programming (C++)	4
CIS 2454	Web System Development (PHP, Java)	4
CIS 2818	Mobile App Development (Android)	4
		TOTAL CREDITS: 16

Total Credits: 62

Notes:

1 or higher level MAT course (except MAT 1525, MAT 2530, or MAT 2540)

