

OAKLAND COMMUNITY COLLEGE

CIS Software Engineering Option (CIS.SWE.AAS) - 2022-23 Part Time Program Plan (3 YRS)

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

Year 1 - FALL

COURSES		
CIS1200	Introduction to Database Systems	4
ENG 1510	Composition I	3
TOTAL CREDITS:		7

Year 1 - WINTER

COURSES		
CIS1300	Networking Concepts	4
Gen Ed	Social Science	3
TOTAL CREDITS:		7

Year 1 - SUMMER

COURSES		
CIS1500	Introduction to Programming	4
TOTAL CREDITS:		4

Year 2 - FALL

COURSES		
CIS1420	HTML5 Programming	3
MAT1150	Intermediate Algebra	4
TOTAL CREDITS:		7

Year 2 - WINTER

COURSES		
CIS1440	JavaScript Programming	4
CIS1512	Principles of Software Engineering	3
TOTAL CREDITS:		7

Year 2 - SUMMER

COURSES		
CIS2151	Object-Oriented Programming (Java)	3
TOTAL CREDITS:		3

Year 3 - FALL

COURSES		
CIS2353	Data Structures	4
COM1290	Interpersonal Communication	3
TOTAL CREDITS:		7

Year 3 - WINTER

COURSES		
PHI1710	Introduction to Informal Logic	3
CIS 2818	Mobile Application Development (Android)	4
TOTAL CREDITS:		7

Year 3 - SUMMER

COURSES		
CIS2111	Systems Analysis & Design	4
Milestone: Once you register for your last classes, make an appointment with a Counselor to apply for this degree.		
TOTAL CREDITS:		4

Year 4 -Fall

COURSES		
CIS2454	Web System Development (PHP, Java)	4
CIS2252	Object Oriented Programming (C++)	4
Total Credits:		8

TOTAL CREDITS: 62

