

OAKLAND COMMUNITY COLLEGE

Software Engineering Certificate - Web Application Development Focus (CIS.SWE.CT) – 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 1400	Web Design I	4
CIS 1500	Introduction to Programming - Java	4
CIS 1512	Principles of Software Engineering	3
TOTAL CREDITS:		15

Year 1 - WINTER

COURSES		
CIS 2151	Object-Oriented Programming (Java)	4
CIS 2353	Data Structures	4
CIS 2454	Web System Development (PHP, Java)	4
TOTAL CREDITS:		12
MILESTONE: Make an appointment to meet with a Counselor to apply for this certificate.		

Year 1 - SUMMER

COURSES		
CIS 2858	Web System Integration and Service...	4
CIS 2991	Special Project in Software Engineering	3
TOTAL CREDITS:		7

Total Credits: 34

