

OAKLAND COMMUNITY COLLEGE

Computer Information Systems: Software Engineering Certificate – Mobile 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 1420 HTML 5 Programming	3
CIS 1500 Introduction to Programming - Java	4
CIS 2819 Mobile Application Development (iOS)	4
TOTAL CREDITS: 15	

Year 1 – WINTER

COURSES	
CIS 1440 JavaScript Programming for Websites	4
CIS 1512 Principles of Software Engineering	3
CIS 2353 Data Structures	4
CIS 2818 Mobile Application Development (Android)	4
Milestone: Make an appointment to meet with a Counselor to apply for graduation for this certificate.	
TOTAL CREDITS: 15	

Year 1 - SUMMER

COURSES	
CIS 2991 Special Projects in Software Engineering	3
TOTAL CREDITS: 3	

Total Credits: 33

