

OAKLAND COMMUNITY COLLEGE

Computer Information Systems - Information Technology Support Certificate - Database Technology & Administration Focus (CIS.ITS.CT) – Full Time Fall Start 2022-2023

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 1600	Fundamentals of Cybersecurity	4
TOTAL CREDITS: 12		

Year 1 - WINTER

COURSES		
CIS 2232	Fundamentals of System Support	4
CIS 2515	Database Design and Management with Oracle SQL	4
CIS 2737	Database Administration	4
CIS 2838	System Security	4
TOTAL CREDITS: 16		
MILESTONE: Make an appointment to meet with a Counselor to apply for graduation for this certificate.		

Year 1 - SUMMER

COURSES		
CIS 2616	Database Application Design and Development with Oracle PL/SQL	4
CIS 2637	Big Data and NoSQL Systems	3
TOTAL CREDITS: 7		

Total Credits: 35

