Miami Dade College

Course Sequence Guide
Software Engineering [Certificate of Professional Preparation (CPP) | Code: CPP06 | 28 credits]
Effective Term: Fall 2022 (2227)

Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites
COP 1334	Introduction to C++ programming	4	
	Semester Credits	4	

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites
COP 2800	Java Programming	4	Prerequisite: COP 1334
CET 3126C	Computer Architecture	4	
	Semester Credits	8	

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites
CET 3383C	Software Engineering I	4	Prerequisite: COP 2800
COP 3530	Data Structures	4	Prerequisite: COP 2800
	Semester Credits	8	

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites
CEN 4025C	Software Engineering II	4	Prerequisite: CET 3383C
COT 4400	Design and Analysis of Algorithms	4	Prerequisites: COP 2800 and Pre/Corequisite: COP 3530
	Semester Credits	8	
	Program Total	28	

Academic Pathway at MDC: To learn more about the courses listed see College Catalog.