Miami Dade College

Internet of Things (IoT) Applications
College Credit Certificate | Code: 66057 | 24 Credits
CIP: (0511020110)
Effective Term: Fall 2021

The Internet of Things Applications College Credit Certificate prepares students with multidisciplinary workforce skills and provides an accelerated credential that is useful for immediate employment and career experience. Graduates of the CCC in the IoT Applications acquire a skill set that leads to producing connected devices by developing applications that can run on microcontroller development boards, simulating the functioning of the devices, and building physical prototypes. Upon completion of the program, the student will have learned how to program in the dominant programming languages used in IoT, completed projects that they can include in their portfolio, and configured different single-board computers.

PROGRAM REQUIREMENTS (24.00 Credits)

CGS 1060C	Introduction to Computer Technology Applications	(4 Credits)
CEN 2211	C/C++ Programming for Embedded Devices	(4 Credits)
CEN 2212C	Introduction to Programming the Internet of Things (IoT)	(4 Credits)
COP 1334	Introduction to C++ Programming	(4 Credits)
CTS 2466C	Internet of Things (IoT) Development with C#	(4 Credits)
EET 1033C	Electrical Fundamentals	(4 Credits)