

Career Technical Education Pathway
INFORMATION TECHNOLOGY DIPLOMA PATHWAY
D25590P

The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement, and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics, and others depending on the technical path selected.

Student Learning Outcomes:

- Identify and troubleshoot appropriate computer equipment, operating systems, software, security risks
- Build a small local area network using network devices
- Demonstrate the ability to utilize operating systems, hardware, and software to plan, design, and/or create various application tasks as needed to input, process, and manipulate data

*Please see MCC Catalog for complete details/further requirements.

Preq = prerequisite required

Required Courses:

(Suggested Sequence of Courses)

Fall Semester 1

ACA 115	Success & Study Skills	1 credit	Preq – none
COM 231	Public Speaking	3 credits	Preq – none
CTI 110	Web, Pgm, & DB Foundation	3 credits	Preq – none
ENG 111	Writing & Inquiry	3 credits	Preq – DRE 097 or ENG 002 (P2) or 2.8+ unweighted high school GPA
NOS 110	Operating Systems Concepts	3 credits	Preq – none
SEC 110	Security Concepts	3 credits	Preq – none

Spring Semester 1

CCT 110	Intro to Cyber Crime	3 credits	Preq – none
CIS 110	Introduction to Computers	3 credits	Preq – none
CTS 115	Info Sys Business Concepts	3 credits	Preq – none
SEC 150	Secure Communications	3 credits	Preq – none

Fall Semester 2

DBA 110	Database Concepts	3 credits	Preq – none
NOS 130	Windows Single User	3 credits	Preq – none

Spring Semester 2

CTS 120	Hardware/Software Support	3 credits	Preq – CIS 110
NOS 230	Windows Admin I	3 credits	Preq – none

CCP Diploma Total **40 credits**