



Martin Community College

High School-To-College Information Technology Diploma Pathway



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

PATHWAY: HS Diploma + Information Technology Diploma (D25590P)										
SECONDARY	Grade		English/ Lang. Arts	Math	Science	Social Studies	Health & PE	CTE Electives	Career & College Promise College Credit Courses taught by MCC Faculty	
	9	Fall		English I	Fnd. of Math I	Earth/Env. Sci.	-----	Health/PE	-----	-----
		Spring		-----	Math I	-----	World History	-----	-----	-----
	10	Fall		-----	Math II	Phy. Science	-----	-----	-----	-----
		Spring		English II	-----	-----	Civics	-----	-----	-----
	11	Fall		English III	Math III	Found of Bio.	American Hist	-----	-----	ACA 115, CIS 110, CTI 110, SEC 110
		Spring		-----	-----	Biology	-----	-----	-----	CCT 110, *CTS 115, SEC 150
	12	Fall		English IV	-----	-----	Econ. & Personal Finance	-----	-----	*ENG 111, NOS 110, NOS 130, DBA 110
		Spring		-----	Math IV	-----	-----	-----	-----	*COM 231, CTS 120, NOS 230
		Summer		*HUM 115, *PSY 150						
Congratulations! High School Graduation! Next Step: Submit MCC Admission Application.										
POST	13	Fall	CTI 120, CTI 140, *MAT 143			Completion of courses in black/bold earn an Information Technology Diploma (D25590).				
		Spring	NET 125, CTS 210, NET 225, WBL 111							
Congratulations! College completion of Information Technology A.A.S. Degree (A25590).										

*College transfer courses that may be applied to a University Baccalaureate Degree Transfer Program.