



Martin Community College



High School-To-College INFORMATION TECHNOLOGY – IT FOUNDATIONS 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 - IT Foundations Certificate (C25590P1)									
	Grade		English/ Lang. Arts	Math	Science	Social Studies	Health & PE	CTE Electives	Career & College Promise College Credit Courses taught by MCC Faculty
SECONDARY	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, CTI 110
		Spring	-----	-----	Biology	-----	-----	-----	*CTS 115
	12	Fall	English IV	-----	-----	Econ. & Personal Finance	-----	-----	*CIS 110
		Spring	-----	Math IV	-----	-----	-----	-----	CTS 120
		Summer	*HUM 115, *PSY 150						
	Congratulations! High School Graduation! Next Step: Submit MCC Admission Application								
POST	13	Fall	CTI 120, NOS 110, SEC 110, Completion of courses in black/bold earn an Information Technology Diploma (D25590).						
		Spring	CCT 110, *COM 231, *ENG 111, NET 125, SEC 150						
	14	Fall	CTI 140, DBA 110, *MAT 143, NET 126 Completion of courses in <i>red/italics</i> earn an Information Technology A.A.S. Degree (A25590).						
		Spring	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.