

COURSE SEQUENCE GUIDE | FULL-TIME ENROLLMENT
Computer Information Technology
Associate in Science | Code: 25055 | 60 credits
Effective Term: Fall 2024 (2247)
Semester 1

Course ID	Course Title	Credits	Pre/Co-requisites	Industry Certification
ENC 1101	English Composition I	3	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).	
CTS 1134* --OR-- CTS 1650	Networking Technologies --OR-- CCNA1: Cisco Fundamentals	4		CompTIA Network+
MAC 1105 --OR-- STA 2023	College Algebra --OR-- Statistical Methods	3	Prerequisite: MAT1033♦ --OR-- Prerequisite: MAT 1033♦ or MGF 1131♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.	
CGS 1060C*	Introduction to Computer Technology & Application	4		
Semester Credits		14		

Semester 2

Course ID	Course Title	Credits	Pre/Co-requisites	Industry Certification
Humanities	ARH 1000, HUM 1020, LIT 2000, MUL 1010, PHI 2010, THE 2000	3	Note: ENC 1101 is a prerequisite to LIT 2000.	
CGS 1560* * **	A+ Computer Operating Systems	4	Prerequisite: CGS 1060C or Previous Computer Experience	CompTIA A+
CTS 1328* * **	Supporting Microsoft Clients	4	Prerequisite: CGS 1060C or Previous Computer Experience	Microsoft Modern Desktop Administrator Associate
Elective	CAP*, CEN*, CGS*, CIS*, COP*, CTS*, GIS*	4	Note: Check with advisor for requisite information	
Semester Credits		15		

Semester 3

Course ID	Course Title	Credits	Pre/Co-requisites	Industry Certification
Social Science	AMH 2010, AMH 2020, POS 2041	3		
Natural Science	AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, GLY 1010, OCE 1001, PHY 1020	3	Note: Check with advisor for requisite information	
Semester Credits		6		

Semester 4

Course ID	Course Title	Credits	Pre/Co-requisites	Industry Certification
CTS 1131* * **	A+ Computer Essentials & Support	4	Prerequisite: CGS 1560	CompTIA A+
CTS 2148C*	IT Project Management	4		CompTIA Project+
CTS 2153*	Supporting Windows Users & Applications	4	Prerequisite: CTS 1328	Microsoft Modern Desktop Administrator Associate
Semester Credits		12		

Semester 5

Course ID	Course Title	Credits	Pre/Co-requisites	Industry Certification
CGS 2108	Advanced Desktop Applications	4	Prerequisite: CGS 1060C	

Elective	CAP*, CEN*, CGS*, CIS*, COP*, CTS*, GIS*	9	Note: Check with advisor for requisite information	
	Semester Credits	13		
	Program Total	60		

Academic Pathway at MDC: The AS in Computer Information Technology is a pathway to the [BS in Information Systems Technology - Networking Concentration](#). ★ Course leads to a [College Credit Certificate \(CCC\) in Help Desk Support Technician](#), ✖ Course leads to a [College Credit Certificate \(CCC\) in Information Technology Support](#). In addition, courses lead to an industry certification through [CompTIA](#), [Microsoft Modern Desktop Administrator Associate](#). To learn more about the courses listed see [College Catalog](#). Some [industry certifications](#) are eligible for reimbursement.