

**COURSE SEQUENCE GUIDE | FULL-TIME ENROLLMENT**
**Computer Engineering Technology**
**Associate in Science | Code: 26052 | 68 credits**
**Effective Term: Fall 2024 (2247)**
**Semester 1**

Course ID	Course Title	Credits	Pre/Co-requisites
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).
MAC 1105*	College Algebra	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
Natural Science	AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, GLY 1010, OCE 1001, PHY 1020, PHY 2053	3	<b>Note:</b> Check with advisor for requisite information
Social Science	AMH 2010, AMH 2020, POS 2041	3	
COP 2270	"C" for Engineers	4	Pre/Corequisite: MAC 1105
	<b>Semester Credits</b>	<b>16</b>	

**Semester 2**

Course ID	Course Title	Credits	Pre/Co-requisites
Humanities	ARH 1000, HUM 1020, LIT 2000 MUL 1010, PHI 2010, THE 2000	3	<b>Note:</b> ENC 1101 is a prerequisite to LIT 2000.
EET 1015C*	Direct Current Circuits	4	Prerequisite: MAC 1105
MAC 1114	Trigonometry	3	Prerequisite: MAC 1105 or MAC 1106
CET 1171*	Introduction to Computer Service and Maintenance	3	
	<b>Semester Credits</b>	<b>13</b>	

**Semester 3**

Course ID	Course Title	Credits	Pre/Co-requisites
CET 1110C*	Digital Circuits	4	Prerequisite: EET 1015C, MAC 1105; Pre/Corequisite: COP 2270
CET 1178C*	A+ Computer Hardware Service	3	Prerequisite: CET 1171
CET 1487C*	Network+	3	
EET 1025C	Alternating Current Circuits	4	Prerequisite: EET 1015C; Pre/Corequisite: MAC 1114 or 1147
	<b>Semester Credits</b>	<b>14</b>	

**Semester 4**

Course ID	Course Title	Credits	Pre/Co-requisites
CET 2123C*	Microprocessors	4	Prerequisite: CET 1110C and COP 2270
EET 1082*	Intro to Electronics	3	
CET 2588C*	Server + Service and Maintenance	3	
EET 1141C	Electronics 1	4	Prerequisite: EET 1025C, and MAC 1114 or MAC 1147
	<b>Semester Credits</b>	<b>14</b>	

**Semester 5**

Course ID	Course Title	Credits	Pre/Co-requisites
CET 2113C*	Advanced Digital Circuits	4	Prerequisite: CET 1110C, COP 2270; Pre/Corequisite: EET 1141C
EET 2351C*	Digital & Data Communications	4	Prerequisite: CET 2123C
Electives	EET 2101C, EET 2323C, MAC*, PHY*, MTB 1322*	3	
Computer Competency	Computer Competency Test (CSP) ---OR--- CGS 1060C		<b>Departmental Recommendation:</b> Computer Skills Placement (CSP)
	<b>Semester Credits</b>	<b>11</b>	
	<b>Program Total</b>	<b>68</b>	

**Academic Pathway at MDC:** The AS in Computer Engineering Technology is a pathway to the [BS in Electrical and Computer Engineering Technology](#).

★ Course leads to a [College Credit Certificate \(CCC\) in Microcomputer Repairer/Installer](#), [College Credit Certificate \(CCC\) in Network Systems Developer](#).

To learn more about the courses listed see [College Catalog](#).