

AA Course Sequence Guide – Full-Time Enrollment
Computer Information Systems Pathway
Associate in Arts Degree | Code: (10702) | 60 Credits
Effective Term: Fall 2024 (2247)

SEMESTER	Course ID	Course Title	Credits	Pre/Corequisites
Semester 1	ENC 1101 (W)	English Composition 1	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).
	CGS 1060C	Introduction to Computer Technology & Applications	4	
	<i>Humanities</i>	ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)	3	Prerequisite for LIT 2000: ENC 1101
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033♦ ♦ Students must seek advisement for proper mathematics course from discipline chairperson.
	SLS 1106	First Year Experience Seminar	1	
	TOTAL CREDITS		14	
Semester 2	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	COP 1334	Introduction to C++ Programming	4	
	MAC 1140 (C)	Pre-Calculus Algebra	3	Prerequisite: MAC 1105
	TOTAL CREDITS		13	
Semester 3	<i>Oral Communication</i>	ENC 2300 (W), LIT 2480 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for LIT 2480: ENC 1102 Prerequisite for SPC 2608: ENC 0025
	<i>Humanities</i>	ARC 2701, ARC 2702 (W), ARH 1000, ARH 2050, ARH 2051 (W), ARH 2740 (W), DAN 2100, DAN 2130 (W), HUM 1020, IND 1100, IND 1130 (W), LIT 2000 (W), LIT 2120 (W), MUH 2111, MUH 2112 (W), MUL 1010, MUL 2380 (W), PHI 2010 (W), PHI 2600 (W), THE 2000 (W)	3	Note: Check with an MDC advisor for requisite information.
	TOTAL SUMMER CREDITS		6	
Semester 4	MAD 2104 (C)	Discrete Mathematics	3	Prerequisite: MAC1106 or MAC1140
	COP 2800	Java Programming	4	Prerequisite: COP 1047C, COP 1334, or COP 2270.
	PSY 2012	Introduction to Psychology	3	
	<i>Natural Science</i>	AST 1002, BSC 1005, BSC 2010, BSC 2085, CHM 1020, CHM 1045, ESC 1000, EVR 1001, PHY 1020, PHY 2048, PHY 2053	3	Note: Check with an MDC advisor for requisite information.
	TOTAL CREDITS		13	
Semester 5	ECO 2013 (W)	Principles of Economics (Macro)	3	
	<i>Natural Sciences</i>	AST 1002, BOT 1010, BSC 1005, BSC 1030, BSC 1050, BSC 1084,	3	Note: Check with an MDC advisor for requisite information.

Notes: W = Writing Intensive Course
C = Computational Course

		BSC 2010, BSC 2020, BSC 2085, BSC 2250, ESC 1000, EVR 1001, HUN 1201, OCB 1010, PCB 2033, PSC 1121, PSC 1515, ZOO 1010, CHM*, GLY*, MET*, OCE*, PHY*		
	STA 2023 (C)	Statistical Methods	3	Prerequisite: MAT 1033♦ or MGF 1131 ♦ Students must seek advisement for proper mathematics course from discipline chairperson.
	Electives	COP 2805C, COP 1047C, CGS 1540C, CTS 1134, CTS 1120, CTS 1145, CAP 1788	5	Note: Check with an MDC advisor for requisite information.
	TOTAL CREDITS		14	
PROGRAM TOTAL			60	

**AA Course Sequence Guide – Part-Time Enrollment
Computer Information Systems Pathway
Associate in Arts Degree | Code: (10702) | 60 Credits
Effective Term: Fall 2024 (2247)**

SEMESTER	Course ID	Course Title	Credits	Pre/Co-Requisites
Semester 1	ENC 1101 (W)	English Composition 1	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).
	<i>Humanities</i>	ARH 1000, HUM 1020, LIT 2000 (W), MUL 1010, PHI 2010 (W), THE 2000 (W)	3	Prerequisite for LIT 2000: ENC 1101
	MAC 1105 (C)	College Algebra	3	Prerequisite: MAT 1033♦ ♦ Students must seek advisement for proper mathematics course from discipline chairperson.
	SLS 1106	First Year Experience Seminar	1	
	TOTAL CREDITS		10	
Semester 2	MAC 1140 (C)	Pre-Calculus Algebra	3	Prerequisite: MAC 1105
	<i>Social Sciences</i>	AMH 2010, AMH 2020, POS 2041	3	
	CGS 1060C	Introduction to Computer Technology & Applications	4	
	TOTAL CREDITS		10	
Semester 3	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	COP 1334	Introduction to C++ Programming	4	
	TOTAL SUMMER CREDITS		7	
Semester 4	COP 2800	Java Programming	4	Prerequisite: COP 1047C, COP 1334, or COP 2270.
	MAD 2104 (C)	Discrete Mathematics	3	Prerequisite: MAC1106 or MAC1140
	<i>Natural Science</i>	AST 1002, BSC 1005, BSC 2010, BSC 2085, CHM 1020, CHM 1045, ESC 1000, EVR 1001, PHY 1020, PHY 2048, PHY 2053	3	Note: Check with an MDC advisor for requisite information.
	TOTAL CREDITS		10	
Semester 5	<i>Natural Sciences</i>	AST 1002, BOT 1010, BSC 1005, BSC 1030, BSC 1050, BSC 1084, BSC 2010, BSC 2020, BSC 2085, BSC 2250, ESC 1000, EVR 1001, HUN 1201, OCB 1010, PCB 2033, PSC 1121, PSC 1515, ZOO 1010, CHM*, GLY*, MET*, OCE*, PHY*	3	Note: Check with an MDC advisor for requisite information.
	PSY 2012	Introduction to Psychology	3	
	STA 2023 (C)	Statistical Methods	3	Prerequisite: MAT 1033♦ or MGF 1131 ♦ Students must seek advisement for proper mathematics course from discipline chairperson.
	TOTAL CREDITS		9	
Semester 6	<i>Oral Communication</i>	ENC 2300 (W), LIT 2480 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for LIT 2480: ENC 1102 Prerequisite for SPC 2608: ENC 0025

Notes: W = Writing Intensive Course
C = Computational Course

	Humanities	ARC 2701, ARC 2702 (W), ARH 1000, ARH 2050, ARH 2051 (W), ARH 2740 (W), DAN 2100, DAN 2130 (W), HUM 1020, IND 1100, IND 1130 (W), LIT 2000 (W), LIT 2120 (W), MUH 2111, MUH 2112 (W), MUL 1010, MUL 2380 (W), PHI 2010 (W), PHI 2600 (W), THE 2000 (W)	3	Note: Check with an MDC advisor for requisite information.
Semester 7	TOTAL SUMMER CREDITS		6	
	ECO 2013 (W)	Principles of Economics (Macro)	3	
	Electives	COP 2805C, COP 1047C, CGS 1540C, CTS 1134, CTS 1120, CTS 1145, CAP 1788	5	Note: Check with an MDC advisor for requisite information.
	TOTAL CREDITS		8	
PROGRAM TOTAL			60	