

AA Course Sequence Guide - Full-Time Enrollment
Pre-Medical Technology Pathway
Associate in Arts Degree | Code: 11209 | 60 Credits
Effective Term: Fall 2025 (2257)

SEMESTER	COURSE ID	COURSE TITLE	CREDITS	PRE/COREQUISITES
Semester 1	ENC 1101 (W)	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 (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	
	BSC 1084	Functional Human Anatomy	3	
	<i>Social Science</i>	AMH 2010, AMH 2020, or POS 2041	3	
	<i>Computer Competency</i>	Computer Skills Placement (CSP) ---or--- CGS 1060C		Departmental Recommendation: Computer Skills Placement (CSP)
TOTAL CREDITS			13	
Semester 2	ENC 1102 (W)	English Composition II	3	Prerequisite: ENC 1101
	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC 1105
	<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
	CHM 1025	Introductory Chemistry	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	CHM 1025L	Introductory Chemistry Laboratory	1	
	TOTAL CREDITS			15
Semester 3	<i>Social Sciences</i>	AMH 2010, AMH 2020, ANT 2000, DEP 2000, ECO 2013 (W), POS 2041, PSY 2012, SYG 2000, WOH 2012, WOH 2022	3	Note: Check with an MDC advisor for requisite information.
	CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1025 or a passing score on the CART exam, MAC 1105 Corequisite: CHM 1045L
	CHM 1045L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105 Corequisite: CHM 1045
	MAC 2311 (C)	Calculus & Analytical Geometry I	5	Prerequisites: MAC1106 and MAC1114, or MAC1114 and MAC1140, or MAC1147
	TOTAL CREDITS			13
Semester 4	<i>Oral Communication</i>	ENC 2300 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for SPC 2608: ENC 0025
	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1045 Corequisite: CHM 1046L
	CHM 1046L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1045, CHM 1045L Corequisite: CHM 1046.
	PHY 1025	Basics Physics	3	Prerequisite: MAC 1105
	TOTAL CREDITS			11

Semester 5	PHI 2600 (W)	Introduction to Ethics	3	
	PHY 2048	Physics with Calculus I	4	Prerequisites: High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311 Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus I Laboratory	1	Prerequisites: MAC 2311 and High School Physics or PHY 1025 or PHY 2053 and PHY 2053L or Departmental Approval Corequisite: PHY 2048
	TOTAL CREDITS		8	
PROGRAM TOTAL		60		

AA Course Sequence Guide - Part-Time Enrollment
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SEMESTER	COURSE ID	COURSE TITLE	CREDITS	PRE/CO-REQUISITES
Semester 1	ENC 1101 (W)	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 (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	
	<i>Social Science</i>	AMH 2010, AMH 2020, or POS 2041	3	
	<i>Computer Competency</i>	Computer Skills Placement (CSP) ---or--- CGS 1060C		Departmental Recommendation: Computer Skills Placement (CSP)
TOTAL CREDITS			10	
Semester 2	ENC 1102 (W)	English Composition II	3	Prerequisite: ENC 1101
	<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
	CHM 1025	Introductory Chemistry	3	Prerequisite: MAT 1033♦ ♦Students must seek advisement for proper mathematics course from discipline chairperson.
	CHM 1025L	Introductory Chemistry Laboratory	1	
	TOTAL CREDITS			10
Semester 3	BSC 1084	Functional Human Anatomy	3	
	MAC 1147 (C)	Pre-Calculus Algebra & Trigonometry	5	Prerequisite: MAC 1105
	TOTAL CREDITS			8
Semester 4	<i>Social Sciences</i>	AMH 2010, AMH 2020, ANT 2000, DEP 2000, ECO 2013 (W), POS 2041, PSY 2012, SYG 2000, WOH 2012, WOH 2022	3	Note: Check with an MDC advisor for requisite information.
	MAC 2311 (C)	Calculus & Analytical Geometry I	5	Prerequisites: MAC 1106 and MAC 1114, or MAC 1140 and MAC 1114, or MAC 1147
	TOTAL CREDITS			8
Semester 5	<i>Oral Communication</i>	ENC 2300 (W), SPC 1017 (W), SPC 2608 (W)	3	Prerequisite for ENC 2300: ENC 1101, ENC 1102 Prerequisite for SPC 2608: ENC 0025
	CHM 1045	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1025 or a passing score on the CART exam, MAC 1105 Corequisite: CHM 1045L
	CHM 1045L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1025 or passing score on CART exam, MAC 1105 Corequisite: CHM 1045
	TOTAL CREDITS			8
Semester 6	PHI 2600 (W)	Introduction to Ethics	3	
	PHY 1025	Basics Physics	3	Prerequisite: MAC 1105
	TOTAL CREDITS			6

Semester 7	CHM 1046	General Chemistry & Qualitative Analysis	3	Prerequisite: CHM 1045 Corequisite: CHM 1046L
	CHM 1046L	General Chemistry & Qualitative Analysis Laboratory	2	Prerequisite: CHM 1045, CHM 1045L Corequisite: CHM 1046.
	PHY 2048	Physics with Calculus I	4	Prerequisites: High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311; Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus I Laboratory	1	Prerequisites: High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311; Corequisite: PHY 2048
	TOTAL CREDITS		10	
PROGRAM TOTAL		60		