AA Course Sequence Guide - Full-Time Enrollment
Mathematics Pathway
Associate in Arts Degree | Code: 11700 | 60 Credits
Effective Term: Fall 2025 (2257)

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).
	MAT 1033	Intermediate Algebra	3	Prerequisites: MAT 0022C, or MAT 0028, or MAT 0057
	MAT 1033L	Intermediate Algebra Recitation Hall	0	Corequisite: MAT 1033
	SLS 1106	First Year Experience Seminar	1	
	CGS 1060C	Introduction to Computer Technology & Applications	4	
	POS 2041	American Federal Government	3	
		TOTAL CREDITS	**14**	
Semester 2	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	MAC 1106 (C)	Integrated College and Precalculus Algebra	5	Prerequisite: MAT 1033
	PHI 2010 (W)	Introduction to Philosophy	3	
	PSY 2012	Introduction to Psychology	3	
		TOTAL CREDITS	**14**	
Semester 3	MAC 1114 (C)	Trigonometry	3	Prerequisite: MAC 1105 or MAC 1106
	Oral Communication	SPC 1017 (W), SPC 2608 (W)	3	**Note**: Check with advisor for requisite information.
	BSC 1005	General Education Biology	3	
		TOTAL CREDITS	**9**	
Semester 4	MAC 2311 (C)	Calculus and Analytic Geometry 1	5	Prerequisites: MAC 1106 and MAC 1114, or MAC 1114 and MAC 1140, or MAC 1147
	HUM 1020	Humanities	3	
	Foreign Language	ASL 1150C, CHI 1120, FRE 1120, GER 1120, ITA 1120, JPN 1120, POR 1120, RUS 1120, SPN 1120	4	
		TOTAL CREDITS	**12**	
Semester 5	MAC 2312 (C)	Calculus and Analytic Geometry 2	4	Prerequisite: MAC 2311
	PHY 2048	Physics with Calculus 1	4	High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311 Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus 1 Lab	1	Prerequisite: MAC 2311 and High School Physics or PHY 1025 or PHY 2053 and PHY 2053L or Departmental Approval; Corequisite: PHY 2048
	Foreign Language	ASL 1150C, CHI 1121, FRE 1121, GER 1121, ITA 1121, JPN 1121, POR 1121, RUS 1121, SPN 1121	4	
		TOTAL CREDITS	**13**	
		PROGRAM TOTAL	**60**	

Notes: W = Writing Intensive Course
C = Computational Course

		AA Course Sequence Guide - Part-Time Enrollment Mathematics Pathway Associate in Arts Degree | Code: 11700 | 60 Credits Effective Term: Fall 2025 (2257)		
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).
	MAT 1033	Intermediate Algebra	3	Prerequisites: MAT 0022C, or MAT 0028, or MAT 0057
	MAT 1033L	Intermediate Algebra Recitation Hall	0	Corequisite: MAT 1033
	HUM 1020	Humanities	3	
	SLS 1106	First Year Experience Seminar	1	
		TOTAL CREDITS	**10**	
Semester 2	MAC 1106 (C)	Integrated College and Precalculus Algebra	5	Prerequisite: MAT 1033
	ENC 1102 (W)	English Composition 2	3	Prerequisite: ENC 1101
	BSC 1005	General Education Biology	3	
		TOTAL CREDITS	**11**	
Semester 3	CGS 1060C	Introduction to Computer Technology & Applications	4	
	POS 2041	American Federal Government	3	
		TOTAL CREDITS	**7**	
Semester 4	MAC 1114 (C)	Trigonometry	3	Prerequisite: MAC 1105 or MAC 1106
	PHI 2010 (W)	Introduction to Philosophy	3	
	PSY 2012	Introduction to Psychology	3	
		TOTAL CREDITS	**9**	
Semester 5	MAC 2311 (C)	Calculus and Analytic Geometry 1	5	Prerequisites: MAC 1106 and MAC 1114, or MAC 1114 and MAC 1140, or MAC1147
	Foreign Language	ASL 1150C, CHI 1120, FRE 1120, GER 1120, ITA 1120, JPN 1120, POR 1120, RUS 1120, SPN 1120	4	
		TOTAL CREDITS	**9**	
Semester 6	MAC 2312 (C)	Calculus and Analytic Geometry 2	4	Prerequisite: MAC 2311
	Foreign Language	ASL 1150C, CHI 1121, FRE 1121, GER 1121, ITA 1121, JPN 1121, POR 1121, RUS 1121, SPN 1121	4	**Note**: Check with advisor for requisite information.
		TOTAL CREDITS	**8**	
Semester 7	PHY 2048	Physics with Calculus 1	4	High school physics or PHY 1025, PHY 2053 or departmental approval and MAC 2311 Corequisite: PHY 2048L
	PHY 2048L	Physics with Calculus 1 Lab	1	Prerequisite: MAC 2311 and High School Physics or PHY 1025 or PHY 2053 and PHY 2053L or Departmental Approval; Corequisite: PHY 2048
	Oral Communication	SPC 1017 (W), SPC 2608 (W)	3	**Note**: Check with advisor for requisite information.
		TOTAL CREDITS	**8**	
		PROGRAM TOTAL	**60**	

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