

Associate of Arts & Sciences

General Studies --

Software Engineering Specialization



PURPOSE: The Associate of Arts & Sciences degree program are designed for students who plan to transfer to a four-year college or university to complete a baccalaureate degree program.

PROGRAM REQUIREMENTS: Entry into the program requires the satisfactory completion of four (4) units of high school English, two (2) units of high school algebra, one (1) unit of geometry, one (1) unit of laboratory science, and one (1) unit of social science or their equivalent. Deficiencies in these areas may be corrected by completing the appropriate developmental studies courses. Students are encouraged to check the mathematics requirements of the four-year college or university to which you plan to transfer to determine the appropriate courses to be taken at MECC, as well as to determine the transferability of electives.

First Year

First Semester				
	ENG	111	College Composition I	3
	HIS	101	History of World Civilization I ³	3
	MTH	273	Calculus I	4
	ITE	115	Intro to Computer Apps	3
			Approved Social Science Elective ²	3
	SDV	100	College Success Skills	1

Second Semester				
	ENG	112	College Composition II	3
	HIS	102	History of World Civilization II	3
	MTH	157	Elementary Statistics	3
	MTH	274	Calculus II	4
			Approved Social Science Elective	3

Second Year

Third Semester				
	ENG		English Survey ³	3
	PHY	241	University Physics I	4
	CST	100	Speech	3
	ITP	132	C++ Programming I ³	3
	MTH	275	Multivariable Calculus/Linear Algebra	4

Fourth Semester				
	HLT/PED ¹		Health/Physical Education	1
	ENG		English Survey ³	3
	MTH	286	Discrete Mathematics	4
	ITP	232	C++ Programming I ³	3
	PHY	242	University Physics	4
Total Minimum Credits for Degree				65

¹In addition to the economics requirements for the community colleges, students are advised to complete a Political Science and Psychology course, or a full year of a sophomore social science if required by the four-year college or university to which you plan to transfer. ²At least one semester of World Literature (ENG 251-252) is recommended. ³1 credit needed in Health or Physical Education. ⁴Every student getting an Associate of Arts and Sciences must demonstrate competency in the basic use of computers by completing a transferable ITE course, by satisfying the terms of an articulation agreement, or by establishing competency on an assessment test.

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