MATHEMATICS (0010)
Science/Mathematics/Computing Department
ASSOCIATE OF SCIENCE IN CORE CURRICULUM
GUIDED PATHWAY TO A BACCALAUREATE DEGREE IN MATHEMATICS

Area A 1: COMMUNICATION **6**
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Area A 2: QUANTITATIVE **3**
MATH 1113 or	Pre-Calculus or	3
MATH 1112	Trigonometry	

Area B: INSTITUTIONAL OPTIONS **4**
See Core Curriculum, Area B.	4

Area C: HUMANITIES, FINE ARTS AND ETHICS **6**
Literature Course	See Core Curriculum, Area C, Hum/Fine Arts.	3
COMM Course	See Core Curriculum, Area C, Hum/Fine Arts.	3

Area D: NATURAL SCIENCES, MATHEMATICS AND TECHNOLOGY **12**
Science Requirements:
PHYS 2211K and	Principles of Physics I and	8
PHYS 2212K	Principles of Physics II	

Math/Technology Requirement:
MATH 1151	Calculus I with Geometry	4

Area E: SOCIAL SCIENCE **12**
HIST 1111 or	Survey of World History I or	
HIST 1112	Survey of World History II	3
HIST 2111 or	U.S. History through 1877 or	
HIST 2112	U.S. History after 1877	3
POLS 1101	American Government in World Perspective	3
Elective	See Core Curriculum, Area E, Social Science.	3

Area F: COURSES RELATED TO THE TRANSFER PLAN OF STUDY **18**
Requirements:
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2218	Linear Algebra	3
CSCI 1301	Computer Science I	4
CSCI 1302	Computer Science II	4

Area G: COURSES REQUIRED FOR THE DEGREE ABOVE 60 HOURS **4-8**
Physical Education – Three PE courses; at least one to meet the Fitness Competency
requirement. See Core Curriculum, Area G, Health and Physical Education.

Two-Year Total   **66–68**

**Depending on your enrollment status, you may be required to take DART 1000, "First Year
Experience." Please refer to Section 7 Academic Support Services Paragraph J**