MATHEMATICS (0010)
Science/Mathematics Division
ASSOCIATE OF SCIENCE IN CORE CURRICULUM
TRANSFER PLAN OF STUDY FOR A B.S. 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 1110	Public Speaking (or COMM 1000 or COMM 1100)*	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 courses.	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.

Two-Year Total   **66–68**

*Critical Thinking Overlay-All Students must satisfy the critical thinking overlay. This
requirement must be fulfilled by satisfactory completion of one of the following courses. This
competency is usually satisfied in Area B or C.
- COMM 1000 Cultural Diversity in Communication
- COMM 1100 Human Communications
- COMM 1110 Public Speaking