KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department:_____ **Date:**_____

Title Of Course/Degree/Concentration/Certificate:_____

Change(s) Initiated: (Please check)

☐ **Closing of Degree** ☐ **Change in Degree or Certificate**
☐ **Closing of Certificate** ☐ **Change in Degree: Adding Concentration**
☐ **New Certificate Proposal** ☐ **Change in Degree: Deleting Concentration**
☐ **New Degree Proposal** ☐ **Change in Prerequisite, Corequisite, and/or Pre/Co-requisite**
☐ **New Course** ☐ **Change in Course Designation**
☐ **New 82 Course (Pilot Course)** ☐ **Change in Course Description**
☐ **Deletion of Course(s)** ☐ **Change in Course Title, Number, Credits and/or Hours**
☐ **Change in Academic Policy**
☐ **Pathways Submission:**

   ☐ **Life and Physical Science**
   ☐ **Math and Quantitative Reasoning**
   ☐ **A. World Cultures and Global Issues**
   ☐ **B. U.S. Experience in its Diversity**
   ☐ **C. Creative Expression**
   ☐ **D. Individual and Society**
   ☐ **E. Scientific World**

☐ **Change in Program Learning Outcomes**
☐ **Other (please describe):**_____

PLEASE ATTACH MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

DEPARTMENTAL ACTION

Action by Department and/or Departmental Committee, if required:

Date Approved:_____**Signature, Committee Chairperson:**_____

If submitted Curriculum Action affects another Department, signature of the affected Department(s) is required:

Date Approved:_____**Signature, Department Chairperson:**_____

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I have reviewed the attached material/proposal

Signature, Department Chairperson: _____*Rina Yarmish*_____

TO: Special Meeting of the Curriculum Committee Meeting

FROM: Dr. Rina Yarmish Chair, Department of Mathematics and Computer Science

DATE: 2/17/22

RE: Degree Change for the A.A.S. Computer Information Systems

The Department of Mathematics and Computer Science is proposing a degree change for the A.A.S. Computer Information Systems

Change:

1. Under Required Core, Mathematics and Quantitative Reasoning, the **addition** of MAT 9010 – Introduction to Mathematics with College Algebra
2. **Addition** of MAT 9010 in the note section discussing placement

Rationale for Change:

CUNY had mandated the elimination of stand-alone developmental courses effective Fall 2022. MAT 9010 replaces the developmental pathway of MAT M100 to MAT M200 to MAT R300 that lead to MAT 900. The above changes to the degree requirements reflect this pathway.

Add/Delete/Change	A.A.S. COMPUTER INFORMATION SYSTEMS	
	Department: Mathematics and Computer Science	
	HEGIS: 5101.00	
	PROGRAM CODE: 01055	
	CUNY CORE	**CREDITS**
	REQUIRED CORE: (4 Courses, 12 Credits)	**12**
	When Required Core courses are specified for a category, they are strongly suggested and/or required for the major.	
	ENG 1200 - Composition I	3
	ENG 2400 - Composition II	3
	Mathematical and Quantitative Reasoning:	3
ADD	**MAT 9010 - Introduction to Mathematics with College Algebra or**	
	MAT 900 - College Algebra or ^	
	MAT 9B0 - College Algebra for STEM Majors^	
	Life and Physical Sciences:	3
	FLEXIBLE CORE: (3 Courses, 9 to 10 Credits)	9 - 10
	When Flexible Core Courses are specified for a category, they are strongly suggested and/or required for the major.	
	Select one (1) course from three (3) Groups A to E for a total of nine (9) credits. Each Course	
	A. World Cultures & Global Issues	
	B. U.S. Experience In Its Diversity	
	C. Creative Expression	
	D. Individual & Society	
	E. Scientific World*:	3 - 4
	MAT 1400 – Analytic Geometry and Pre-Calculus Mathematics * or	3
	MAT/BA 2200 – Business Statistics*	4
	DEGREE REQUIREMENTS: (11 Courses, 37 to 38 Credits)	37 - 38
	CP 500 - Introduction to Computer Programming	4
	CP 2100 - C++ Programming I	4
	CP 2200 - C++ Programming II	4
	CIS 1200 - Introduction to Operating Systems	3
	CIS 1500 - Applied Computer Architecture	3
	CIS 3100 - Introduction to Database	3
	ACC 1100 – Fundamentals of Accounting I **or**	3 - 4
	BA 1100 - Fundamentals of Business **or**	
	BA 1200 - Business Law I	
	HE 1400 - Critical Issues in Personal Health	1
	AND	
	Select three (3) courses from the following	12
	CP 6200 - JAVA Programming 2	4
	CIS 2100 - Introduction to Webpage Development	4
	CIS 2200 - HTML Authoring and JavaScript	4
	CIS 3200 - Advanced Database Programming	4
	CIS 4500 - Network Server Administration	4
	ELECTIVES: 0 -2 credits sufficient to total 60 credits for the degree.	0 - 2

	TOTAL:	60
	*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.	
CHANGE	^ Depending on Math placement, students may be required to complete MAT 900,**or MAT 9010** or MAT 9B0, and MAT 1400.	

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