KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: Department of Mathematics & Computer Science   Date: 8/7/2023

Title Of Course/Degree/Concentration/Certificate: College Algebra for STEM Majors (MAT 9B0)

Change(s) Initiated: (Please check)

☐ Closing of Degree
☐ Closing of Certificate
☐ New Certificate Proposal
☐ New Degree Proposal
☐ New Course
☐ New 82 Course (Pilot Course)
☐ Deletion of Course(s)

☐ Change in Degree or Certificate
☐ Change in Degree: Adding Concentration
☐ Change in Degree: Deleting Concentration
☐ Change in Prerequisite, Corequisite, and/or Pre/Co-requisite
☐ Change in Course Designation
■ Change in Course Description
☐ 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:_____

Date Approved:_____ Signature, Department Chairperson:_____

I have reviewed the attached material/proposal

Signature, Department Chairperson: _____

TO: Fall 2023 Curriculum Committee

FROM: Prof. Yarmish, Chair, Department of Mathematics & Computer Science

DATE: 8/7/2023

RE: Change in Course Description for MAT 9B0

The Department of Mathematics & Computer Science is proposing a change in Course Description for College Algebra for STEM Majors (MAT 9B0):

FROM:

A comprehensive treatment of the following: real numbers, absolute value, integer and rational exponents, polynomial operations, factoring techniques, roots and radicals, linear and quadratic equations, graphing techniques, systems of linear equations, Gaussian elimination. Introduces the study of functions in preparation for the study of calculus and pre-calculus.

Students who have completed MAT 900 or MAT 9010 will <u>not</u> receive credit for this course.

TO:

A comprehensive treatment of the following: real numbers, absolute value, integer and rational exponents, polynomial operations, factoring techniques, roots and radicals, linear and quadratic equations, graphing techniques, systems of linear equations, Gaussian elimination. Introduces the study of functions in preparation for the study of calculus and pre-calculus.

Students who have completed MAT 900 or MAT 9010 will <u>not</u> receive credit for this course.

This course is recommended for STEM majors. Nursing students should consult their academic advisor.

Rationale for Change: Course is designed for STEM majors.