

KINGSBOROUGH COMMUNITY COLLEGE  
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: Math and Computer Science Date: 2/21/2018

Title Of Course Or Degree: College Algebra - MAT 900

Change(s) Initiated: (Please check)

- |   |   |
|---|---|
| <input type="checkbox"/> Closing of Degree        | <input type="checkbox"/> Change in Degree or Certificate Requirements         |
| <input type="checkbox"/> Closing of Certificate   | <input type="checkbox"/> Change in Degree Requirements (adding concentration) |
| <input type="checkbox"/> New Certificate Proposal | <input checked="" type="checkbox"/> Change in Pre/Co-Requisite                |
| <input type="checkbox"/> New Degree Proposal      | <input type="checkbox"/> Change in Course Designation                         |
| <input type="checkbox"/> New Course               | <input checked="" type="checkbox"/> Change in Course Description              |
| <input type="checkbox"/> New 82 Course            | <input type="checkbox"/> Change in Course Title, Numbers Credit and/or Hour   |
| <input type="checkbox"/> Deletion of Course       | <input type="checkbox"/> Change in Academic Policy                            |
|   | <input type="checkbox"/> Pathways Submission:                                 |
|   | <input type="checkbox"/> Life and Physical Science                            |
|   | <input type="checkbox"/> Math and Quantitative Reasoning                      |
|   | <input type="checkbox"/> A. World Cultures and Global Issues                  |
|   | <input type="checkbox"/> B. U.S. Experience in its Diversity                  |
|   | <input type="checkbox"/> C. Creative Expression                               |
|   | <input type="checkbox"/> D. Individual and Society                            |
|   | <input type="checkbox"/> E. Scientific World                                  |

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: 2/21/2018 Signature, Committee Chairperson: 

I have reviewed the attached material/proposal

Signature, Department Chairperson: 

TO: Spring 2018 Curriculum Committee

FROM: Department of Mathematics & Computer Science

DATE: 2/21/2018

RE: Change in prerequisite to College Algebra (MAT 900)

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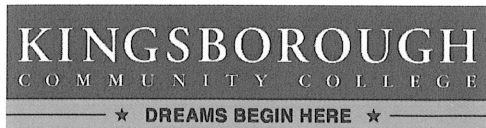
The Department of Mathematics & Computer Science is proposing a change in prerequisite for College Algebra (MAT 900)

**FROM:**

(1) Successful completion of the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math and a score of 55-69 on the College Level Math portion of the ACCUPLACER CUNY Assessment Test in Math; **or** (2) Successful completion of Pre-Algebra and a grade of 45 or higher on the Elementary Algebra portion of the CUNY Mathematics Skills Test (COMPASS), **or** (3) Successful completion of Pre-Algebra and successful completion of a Kingsborough Math M200 workshop culminating in a grade of 88 or higher on the CEAFE exam, **or** (4) Successful completion of Pre-Algebra and an "S" grade in MAT M200 taken at Kingsborough; **or** (5) MAT R300

**TO:**

(1) MAT R300; **or** (2) Successful completion of the Elementary Algebra portion of the ACCUPLACER CUNY Assessment Test in Math and a score of 55-69 on the College Level Math portion of the ACCUPLACER CUNY Assessment Test in Math.



TO: Spring 2018 Curriculum Committee

FROM: Department of Mathematics & Computer Science

DATE: 2/21/2018

RE: Change in course description to College Algebra (MAT 900)

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The Department of Mathematics & Computer Science is proposing a change in course description for College Algebra (MAT 900)

**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, and Gaussian elimination. Introduces the study of functions in preparation for the study of pre-calculus. Demonstration of proficiency in subject matter via departmental final exam is required for successful completion.

**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, and Gaussian elimination. Introduces the study of functions in preparation for the study of pre-calculus. Demonstration of proficiency in subject matter via departmental final exam is required for successful completion.

This course is intended **only** for students whose major does not require Calculus I (MAT 1500). Students who intend to take Calculus I (MAT 1500) should instead register for MAT 9800 (Intermediate Algebra for STEM Majors).

Students who have completed MAT 9800 will **not** get credit for this course.

**Rationale for Change:** Reconfiguration of offering to distinguish between STEM and non-STEM- oriented courses.