**KINGSBOROUGH COMMUNITY COLLEGE**
**The City University of New York**

## CURRICULUM TRANSMITTAL COVER PAGE

**Department:** Mathematics & Computer Science **Date:** 09/20/2018

**Title Of Course/Degree/Concentration/Certificate:** Advanced Database Programming

**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:** 9/20/18 **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:** _____

*Revised/Augl.2018/AK*

KINGSBOROUGH
COMMUNITY COLLEGE
DREAMS BEGIN HERE

TO: Fall 2018 Curriculum Committee

FROM: Department of Mathematics & Computer Science

DATE: 10/3/2018 Revised

RE: Change in Course Description for Advanced Database Programming (CIS 3200)

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The Department of Mathematics & Computer Science is proposing a change in course description for Advanced Database Programming (CIS 3200):

**FROM:**

Concepts and features of a contemporary database language. Emphasis is on fundamentals of good programming style and the use of the language syntax to develop database applications.

**TO:**

Building on concepts covered by the CIS 3100 (Introduction to Database) course and using VBA as the underlying programming language, this course focuses on accessing data contained in a typical database system and extracting and manipulating such data through code and the SQL language. Also covered are concepts of looping datasets, decisions using If / then /else and Case statements. Both DAO and ADO data access methods are utilized and the code snippets needed to manipulate various controls of a typical presentation layer are covered.

**Rationale for Change:** Course content has evolved, new description matches current class content.