Course Number: BAPP 6155

Course Title: Access VBA I

Course Description: Advanced topics focusing on creating VBA applications. Students are not expected to have prior experience with VBA, but should be very familiar with Microsoft Access.

Suggested Course Prerequisite(s): Microsoft Access III

Course Resources:
Access 2016 Programming by Example with VBA,XML and ASP by Julitta Korol
Mercury Learning & Information, 9781942270843

Optional Resources:
Access 2016 Bible
John Wiley & Son Inc., 9781119086543

Student Learning Outcomes:
1. Understand the role of VBA in Access
2. Create and debug functions and procedures using the VB Editor
3. Create flow-of-control structures in VBA
4. Automate activities involving Access forms and reports
5. Use VBA to integrate with other Office applications

Certification Notes: N/A

Next course recommendation: Microsoft Access VBA II

Refund Policy: Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Instructor Notes: Suggest flash drive to store your class files.

Lesson Plan – by week or session:
Session 1: Writing Procedures in Modules
   Exploring the Visual Basic Editor (VBE)
Session 2: Using Variable, Data Types, and Constants
   Passing Arguments to Procedures and Functions
Session 3: Decision Making with VBA
   Repeating Actions in VBA
Session 4: Working with Arrays
   Working with Collections and Class Modules
Session 5: VBE Tools for Testing and Debugging
   Conditional Compilation and Error Trapping
Session 6: Data Access Technologies in MS Access
   Creating and Accessing Database Tables and Fields

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.