Course Title: Excel VBA I

Course Description:
Learn advanced programming methods for Excel using VBA to automate data entry, make spreadsheets user friendly, and add significant productivity.

Course Prerequisite(s):
Experience with Excel

Course Objectives:
1. Apply VBA programming to use Excel features: Userforms, toolbars, menus, error codes & debugging
2. Working with controls
3. Working with multiple worksheets with a focus on building a user friendly, automated interface

Student Expectations:

Textbook(s):
Excel 2016 Power Programming with VBA
Michael Alexander, Richard Kusleika
Wiley; 978-1-119-06772-6

Certification Notes:

Next Class Possibilities:
Excel VBA II

Instructor Notes:

Lesson Plan – by week or session
Session 1: Excel in a Nutshell
          Formula Tricks and Techniques
Session 2: Understanding Excel Files
          Essentials of Spreadsheet Application Development
Session 3: Introducing Visual Basic for Applications
          VBA Programming Fundamentals
Session 4: Working with VBA Sub Procedures
          Creating Function Procedures
Session 5: VBA Programming Examples and Techniques
          Custom Dialog Box Alternatives
Session 6: Introducing UserForms
          UserForm Examples
Session 7: Advanced UserForm Techniques

8/24/17
Developing Excel Utilities with VBA  
Session 8: Working with Pivot Tables

Course Sessions: listed are a guideline 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.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of the class time in order to be considered a successful completer of the course.

Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Students must complete all courses (core and no. of elective courses needed) to complete a certificate series within two years from start date of the first course taken.

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-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.

http://www.collin.edu/studentresources/personal/studenthandbook.aspx