Course Title: Excel Programming with VBA II

Course Description: Continued discussion of advanced programming methods for Excel using VBA to automate data entry, make spreadsheets user friendly, and use add-ins that improve productivity.

Course Prerequisite(s): You should have prior experience with Microsoft Excel VBA. In this second class, no experience is assumed on the topics covered in Chapters 14 – 30 of the textbook.

Course Objectives:
- Apply VBA programming to use Excel features: Userforms, toolbars, menus, error code and debugging
- Working with controls
- Working with multiple worksheets with a focus on building a user friendly, automated interface

Textbook:
Excel 2010 Power Programming with VBA
John Walkenbach
John Wiley Publishing

Next Class Possibilities:
Access Programming with VBA I and II

Instructor Notes:
I suggest obtaining a flash drive to store your class files.

Lesson Plan – by week or session
Session 1: UserForm Examples
Session 2: Advanced UserForm Techniques
Developing Excel Utilities with VBA
Session 3: Working with Pivot Tables
Working with Charts
Session 4: Understanding Excel’s Events
Interacting with Other Applications
Session 5: Interacting with Other Applications (continued)
Creating and Using Add-Ins
Working with the Ribbon
Session 6: Working with the Ribbon (continued)
Working with Shortcut Menus
Providing Help for Your Applications
Session 7: Developing User-Oriented Applications
Compatibility Issues
Manipulating Files with VBA

Session 8:
Manipulating Visual Basic Components
Understanding Class Modules
Working with Colors