

# Excel VBA Advanced

## Excel VBA Advanced course details

Duration: 2 Days

### you will learn to

- Work with functions
- Name Ranges
- Interact with charts using VBA
- Interact with Userform controls
- Handle data using arrays
- Create complex userforms
- Understand the relations of applications/ objects
- Work with errors

### the next step

Eager to learn more? We recommend:

- Word 02/03 Advanced
- Word 07 Advanced

### course dates

Visit [www.TP3.com.au](http://www.TP3.com.au) for our latest course schedule or call us on 1300 658 388.

**This course is designed to be the next level above our VBA Introduction workshop as topics covered will give you the skills to create string functions, manipulate charts, work with control and userform events. You will also learn to create Excel applications that interact with other programs.**

## The learning process

### Before the course

We recommend this course as the next step of your personal development after completing our Excel VBA Introduction program or have knowledge of Macros testing and running, assigning macros to buttons, creating user-defined functions such as declaring variables, using statements and creating UserForms.

Our Training Needs Analysis survey is available to help you determine which level of training is most suitable for your level of experience with this application. To access this contact us on 1300 658 388.

Prior to commencing the training, we provide pre-course material to reflect on and align your learning outcomes to the course content.

### During the course

This course will enable you to expand your VBA programming skills to design, develop, implement and debug complex spreadsheet solutions.

### After the course

This course includes an associated eLearning course, containing similar content to the course delivered in the classroom. After completing the course, you will now be able to refresh your knowledge by logging on to the relevant eLearning course.

We also provide post-course telephone support whenever you require it.

"The instructor had very good knowledge, and goes an extra mile to explain how Excel can interact with another product like Access. This will prove very useful and valuable in my job."

"The small learning environment was great as there was more time for 1:1 coaching and general Q&A. I picked up lots of tips from the instructor."

## Excel VBA Advanced course content

### String Functions, Excel Functions and Named Ranges

- Using String Functions
- Using Excel functions in VBA
- Working with Named Ranges
- Chart interaction using VBA

### Error Handling

- Programming for errors

### Interacting with Charts Using VBA

- Working with Object variables
- Looping of objects
- Userform controls

### Interacting with Userform Controls

- Using Control Properties
- Control and Userform Events
- Sub Routines in Class Modules

### Handling Data using Arrays

- Using Arrays in VBA
- Copying using Arrays

### Creating Complex Userforms

- Utilising User Defined Functions
- Working with dates
- Looping using Arrays
- Adding Additional Controls

### Interacting with Other Applications

- Interacting with Outlook
- Automating emails from Excel
- Early Binding vs Late Binding

## Customising this course for your business

TP3 can provide a range of consulting services to better meet your business needs, including closed courses for your organisation, customised course material relevant to your industry and requirements, and blended learning solutions.

### Training needs analysis

To ensure participants are booked onto the correct Desktop programs, we offer a survey tool that will align participants to the correct course for their needs, based on their experience using an application. Your client manager will work closely with you to ensure that all staff are booked onto the right programs and offer you the most suitable solution each time - whether this be public course training, group sessions, and any other alternate methods of delivery that could also work for you at the time - such as online learning or one-on-one coaching.

### Prepare-learn-apply-measure

TP3 has led the way in measuring return on investment for end-user applications training. We have developed and implemented our in-house Prepare-Learn-Apply-Measure (PLAM) system to provide our clients with return on investment information to assist them in gauging the success of our learning and development initiatives.

#### Prepare: Pre-work

Reflecting on and aligning learning outcomes.

#### Learn: During the course

Focusing on relevance to on-the-job outcomes.

#### Apply: Post-work

Action plans and post-work encourage follow up.

#### Measure: ROI

Calculate and report on some aspect of return on investment.

### CPD points

Many professional institutions, industry bodies and associations require their members to undertake continuing professional development (CPD). This course may be recognised as contributing to your CPD. Please contact your professional institution to find out more.

### Employability skills for nationally recognised training

A summary of the employability skills developed through qualifications can be downloaded from <http://employabilityskills.training.com.au>

**For more information on this course, or to view the latest course schedule, visit our website [www.TP3.com.au](http://www.TP3.com.au) or call us on 1300 658 388.**