

## Excel VBA Programming for Chemical Engineers

In one day, participants are introduced to the Visual Basic for Applications (VBA) programming language in conjunction with Microsoft Excel. The basics of VBA are introduced, including macros, user-defined functions, and add-ins. The course equips chemical engineers with the tools and skills to develop VBA applications that include Excel-VBA communication, streamlining spreadsheet-based calculations, developing user interfaces, and communicating to other software packages, such as process simulators and math software.

## Course Outline

### Getting Started with VBA

- Configuring Excel for VBA programming
- The Visual Basic Editor (VBE) environment
- Recording and editing macros