



Welcome to the open enrollment instructor-led web-based E3.Series COM Scripting W/Python Training! This training will be provided through a series of webinars. Details of this training are below.

Pricing: \$599 per person

What you will learn:

Learn about the E3.series COM interface and how you can develop scripts to interact with the data and objects within your E3.series projects. Some fundamental concepts of Python will be reviewed, along with example code that will be shown and explained. This course will cover the introduction of developing Python scripts to interface with the E3.series COM.

Agenda:

E3.series COM

- What is the COM?
- What are the objects inside the E3.series COM?
- Connecting to the E3.series COM

Python Basics

- Input from command line
- Printing to command line
- Variables
- String Functions
- Arithmetic Operators
- Comparison Operators
- Loops
- Functions
- External Objects
- Convert Python to exe

E3.series Scripting

- Definitions of Objects & Methods in E3.series
- Python wrapper for E3 series
- Application Object
- Device Object
- Sheet Object
- Symbol Object
- Export E3.series data to Excel
- Additional Tools

****Pre-requisites** Important Please Read This**

Python programming requires two pieces of software to be downloaded and installed.
Python and PyCharm.

Here is a YouTube video to assist with the installation of Python and PyCharm

<https://www.youtube.com/watch?v=mO6ONGkQk9Y>

Or can go to: <https://www.python.org/> to download the latest version of Python

And go to <https://www.jetbrains.com/pycharm/> to get the PyCharm IDE

These are required to attend the class and should be downloaded and installed prior to the start of the class.

Additionally, E3.series version 2023 or later must be installed.

Why attend?

This class will help participants understand how to interface with the E3.series COM objects in order to retrieve, create, manipulate, and report data inside your E3.series project.

Who should attend?

Anyone who will be writing scripts and reports for data retrieval and data manipulation within your E3.series projects.

Zuken will provide:

- The software for installation if you don't already have it installed
- You will receive an email with download links
- A temporary license file
- A reminder email one week before the class with download links to the Training data and manuals.

The student will need:

- A computer and mouse to run the software
- Software must be installed on the student's computer before the start of the class.
- An internet connection
- We also recommend a headset with a microphone

Disclaimers:

- Zuken reserves the right to cancel or reschedule the training if the minimum number of students registered is not met. If the class is canceled or rescheduled, refunds will be offered to registrants. Alternatively, registrants can choose to receive credits for future classes.
- A student can cancel it for up to 1 week before the start of the class and receive a full refund. If the student cancels less than 1 week in advance of the class start, then credit will be offered for future classes.

- If the student is a no-show for the class, no refund will be available.

- WEB-Training restrictions: You may NOT:

1. Share your user account and password with anyone
2. Record any aspect of this training course
3. Project, or share in any way, this WEB-training course to an audience

If you have any questions before the class, please feel free to contact our Zuken team.