

For our Advanced Techniques in Automotive Engineering (ATAE) students

*Only a limited number of applications will be accepted*

# Python Scripting Course

Powered by **Porsche Engineering**



**Porsche Engineering**



# What you need to know:

- # **Who can attend:** ATAE students (years 1 and 2)
- # **No** prior knowledge of Python required
- # Course focuses on **applied** learning
- # **Duration:** 3 x 2-hour sessions
- # **When:** 24.04 – 31.05 (depending on availability)

# Minimum requirements:

- # **Interest** in learning scripting in Python
- # **Proactivity**
- # **Active** involvement during the sessions
- # **Solving** the exercises given as homework

# Course contents:

## # C1. Introduction to Python (2h+)

- λ Data Types
- λ Functions
- λ Object Oriented Programming
- λ File manipulation

## # C2 and C3. Scripting (4h+)

- λ Working with different file types (.txt, .csv, .xml and others)
- λ Individual exercises
- λ Develop good practices in programming
- λ Bonus materials for extra knowledge

# Outcomes:

- # **You** will be able to **think** like a programmer
- # **You** will be able to **write** your own Python Scripts
- # **You** will have the chance to become **one** of the **two** students for the Summer Practice positions in Porsche Engineering

# Contact:

Just write a message to:

Email: [dan.moldovanu@auto.utcluj.ro](mailto:dan.moldovanu@auto.utcluj.ro)

Teams message: [dan.moldovanu@campus.utcluj.ro](https://teams.microsoft.com/join/dan.moldovanu@campus.utcluj.ro)

and you will be added to the team.

Deadline: **20.04.2023**



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