Syllabus

| Course Title | PYTHON PROGRAMMING LANGUAGE I |

I. **Objective:**

The objective of this course is to assist the student in mastering the widely used language called Python through practical console applications.

II. **Python through practical projects:** console applications.

III. **Prerequisites:** Introduction to Computers

IV. **Materials and Books:** The course materials, including textbooks, will be provided in PDF format and made available to students from the first day of class.

Official Book: "Cours Python3"

Reference Book: "Apprendre Python 3_5"

V. **Course Content:** The course will cover the following topics:

● Variables and Constants - Arithmetic Operators, Boolean/Logical Operators, and others.

● Comparison Operators - Increment/Decrement ++x; x++;

● Functions - Decision (or Logic) - Loops - Arrays.

● Files - Serialization.

● Practical Projects using PyCharm.

● Additional topics if time permits. See Exhibit A.