

# Python - Level 1 | Software Development

 [www.elatt.org.uk/courses/software](http://www.elatt.org.uk/courses/software)



**8 - 10 Weeks**  
**Duration**



**1.5 Days**  
**Days per week**



**9.30am - 4.30pm**  
**Morning Hours**



**6.00pm - 9.00pm**  
**Evening Hours**

## Course Content

### Award [9 credits]

- ▶ Using Internet [3]
- ▶ Software Fundamentals (Introduction to Software Development Life Cycle) [3]
- ▶ Specialist Software (Introduction to Python) [3]

### Certificate [13 credits]

- ▶ Improving IT Productivity Using IT [3]
- ▶ Specialist Software (Intermediate Python) [4]
- ▶ Project Management Software [3]
- ▶ Presentation Software [3]

## Qualifications, Requirements and Progression

### Entry Requirements

- ▶ Literacy - Level 1
- ▶ ICT - Level 1 (Confident computer use with file management / basic packages)

### Qualifications

- ▶ City and Guilds Award / Certificate for IT Users - Level 1

### Progression Options

- ▶ Software Development - Level 2
- ▶ Computer Engineering - Level 1
- ▶ Web Design and Development - Level 2

# Python - Level 2 | Software Development

 [www.elatt.org.uk/courses/software](http://www.elatt.org.uk/courses/software)



**13 - 15 Weeks**  
**Duration**



**1.5 - 2 Days**  
**Days per week**



**9.30am - 4.30pm**  
**Morning Hours**



**6.00pm - 9.00pm**  
**Evening Hours**

## Course Content

### Certificate [16 credits]

- ▶ Improving IT Productivity Using IT [4]
- ▶ Drawing and Planning Software (ERD / Use Case) [3]
- ▶ DBMS Software (MySQL) [2]
- ▶ Database Software [3]
- ▶ Bespoke Software (Introducing IDE - Introduction to OO Python) [4]

### Diploma [38 credits]

- ▶ Improving IT Productivity Using IT [4]
- ▶ Collaborative Technologies (Github) [3]
- ▶ IT User Fundamentals [3]
- ▶ Internet Safety for IT users [3]
- ▶ Database Software [4]
- ▶ DBMS (phpmyadmin) [4]
- ▶ Bespoke Software (IDE - OO Python - Advanced Concepts) [4]
- ▶ Specialist Software (Introduction to Frameworks) [4]
- ▶ Project Management Software [4]
- ▶ IT Security [1]
- ▶ Drawing and Planning Software (ERD / Use Case) [4]

## Qualifications, Requirements and Progression

### Entry Requirements

- ▶ Literacy - Level 2
- ▶ Software Development - Level 1 / Equivalent

### Qualifications

- ▶ City and Guilds Certificate / Diploma for IT Users - Level 2

### Progression Options

- ▶ Software Development - Level 3
- ▶ Web Design and Development - Level 2

# Python - Level 2 Diploma | Software Development

 [www.elatt.org.uk/courses/software](http://www.elatt.org.uk/courses/software)



**13 - 15 Weeks**  
**Duration**



**1.5 - 2 Days**  
**Days per week**



**9.30am - 4.30pm**  
**Morning Hours**



**6.00pm - 9.00pm**  
**Evening Hours**

## Course Content

### Diploma [37 credits]

- ▶ Customer service provision (IT Computer / Network Principles) [9]
- ▶ Develop Software using SQL [4]
- ⊖ Create Computer Programs using Object Oriented Language [12]
- ⊖ Create Computer Programs using Procedural Language [12]
- ⊖ Create Computer Programs using Event Based Programming [12]

⊖ = only 2 of these units will be selected during the course.

## Qualifications, Requirements and Progression

### Entry Requirements

- ▶ Literacy - Level 2
- ▶ Software Development - Level 2 / Equivalent

### Qualifications

- ▶ City and Guilds Diploma in ICT Systems and Principles for IT Professionals

### Progression Options

- ▶ Software Development - Level 3
- ▶ Computer Engineering - Level 3
- ▶ Apprenticeship in Game Development, Software Development and Software Testing