

Τίτλος (Ελλ.)	Τίτλος (Αγγλ.)	Υπεύθυνος	Διδάσκοντες
Γλώσσες Προγραμματισμού για εφαρμογές	Programming languages for applications	ΛΟΥΚΑΤΟΣ	ΛΟΥΚΑΤΟΣ, ΦΟΥΝΤΑΣ, ΠΡΟΣΚΕΚΛΗΜΕΝΟΙ ΕΙΣΗΓΗΤΕΣ

Περιγραφή

These lecture series are dedicated in communicating techniques of utilizing modern programming languages for developing applications, with emphasis on agricultural paradigm.

The areas being covered include but are not limited to:

Problem analysis, algorithm representation. Object oriented principles. C, python and Java programming exemplification. Linux shell commands and script programming. Visual programming environments. Interfacing among different programming modules. Exploitation of tablet and smart phones and microcontrollers for creating useful programming applications.

WEEK	Course Contents
1 ST	Problem analysis, algorithms and their representation
2 ND	C language and commands
3 RD	Object oriented principles
4 TH	C++ language and commands
5 TH	Python language and commands
6 TH	Python language exemplification
7 TH	Java language and commands
8 TH	Java language exemplification
9 TH	Further programming tools and platforms (e.g., linux shell programming, process analysis)
10 TH	Programming using visual environments
11 TH	Interfacing among different programming modules
12 TH	Programming tablets, smart phones and microcontrollers
13 TH	Exemplification involving agricultural applications

Μέθοδος Αξιολόγησης

Assessment method: A combination of written exams and project assignments during the semester

