

Fundamentals of Programming I – Group I

General Instructions

Fundamentals of Programming I is a first-year subject of the Computer Engineering degrees the Facultad de Informática offers.

The learning process takes place at several locations: classroom and laboratory, where the subject's concepts and techniques are tested and practiced; the library and home, where students study the theory and work with examples and exercises; and here, the Virtual Campus, where learning resources are located (class notes, exercises, communication tools, etcetera).

The subject in the Virtual Campus

In the Virtual Campus (VC) you will find all the resources you need to follow the subject: lesson presentations, exercise lists, project statements and help, announcements, documents explaining the tools, ... You will also find several useful tools: grades, task submission, calendar, forums, email and message systems, ...

The virtual space for the subject is located on the learning management system (LMS) of the VC, that is Moodle (the current version is 3.8). Once you click on the subject name in your subject list you will be on the home page.

The home page is organized in three columns. The column in the middle contains general resources and one section for each week of the course containing the resources needed for that week. The left and right columns of the home page contain several useful tools (*see later*).

The General Resources section on the VC home page, at the top of the weekly sections, contains the subject's program, the introduction to the subject and other useful resources.

- *Please don't forget to answer the Initial Questionnaire in that section*
- *Please don't forget to read all the documents in the General section*

For each week you will find a Weekly Plan, an explanation of the activities to be developed in that week's classes, and also instructions for activities you will develop outside the classroom (at your home or at the School's laboratories).

Activities

Every week there will be some activities you will have to complete: develop exercises, answer quizzes, participate in forums or develop the project. The project will take several weeks to be completed.

There will be a deadline for each activity, and you must finish each activity before its deadline.

The additional activities will count for 20% of the final grade. If you don't participate in them you will lose that 20% of the final grade either in the ordinary and the extraordinary calls.

Virtual Campus Tools

In the VC you will find several tools besides the weekly and general resources (main central column).

Left Column:

- ❖ **Latest announcements:** Displays the last two messages published in the News forum, a forum intended for general information and announcements.
- ❖ **Activities:** Direct access to the different course activities (forums, quizzes, assignments...).
- ❖ **Course completion status:** You will see here how far you have gone in the subject. As you complete activities you will be completing the course.

Right Column:

- ❖ **Calendar:** Classes and deadlines will be displayed in the calendar.
- ❖ **Tweets from FP_FdI_UCM:** Tweets published by the official account for this subject. This will be a main way of communication. *Follow the account!*

Other tools:

You will find other VC tools in the general Moodle menus **Navigation** and **My courses**. The Navigation menu allows you to access the different sections of the subject and the grade book, as well as other subjects of the VC you are enrolled in. The My courses menu displays all the subjects of the VC you are enrolled in.

➤➤➤ *There is a free course that explains VC tools!*

To learn more: <https://www.ucm.es/campusvirtual/herramientas-tic>

Communication tools:

To communicate with teachers or classmates you have two options: to send an email or to send a message. The message system allows users to maintain conversations between two participants with just text messages; no attachments can be sent. The email system is a more conventional mailing service that allows formatted messages with text and images, as well as attachments to be sent to one or several participants (a similar functionality to your usual email system).

You can access the mailing and messaging systems in the upper right corner of the home page and other pages, to the left of your name.

Tutoring

The instructor is available for you to solve doubts and give advice. Most of our interaction outside the classroom will take place in the VC, by means of messages and mails, as well as correction comments, grades, ...

If you need to come to talk to me, of course I am available. Although there is an official timetable, we think it is better to meet at any time that is good for both, so please send a VC mail message to me and we will find a convenient moment.

This subject also participates in the Mentoring Program of our School. This means that one student from the School will be a mentor for the students in this subject, being available to solve doubts and attending an extra tutoring session of 2 hours each week, where exercises will be explained and doubts will be solved.

Information about the Covid-19 crisis

The learning process will be adapted to the regulations of the Spanish and Madrid Governments, as well as the ones of the UCM.