

UPV: Universidad Politécnica de Valencia

Monday

- Overview and objectives
- Project presentations
- Introduction to App Inventor 2 framework

Tuesday

- Auxilliary support tools
- Geopositioning concepts (GPS and other sensors)
- App Inventor Framework
- Extensions

Wednesday

- Database, connection and other PHP scripts to work with our server
- Google Maps/OSM API
- Workshop

Thursday

- Workshop



Friday

- Final Workshop
- Teams presentations
- Evaluation and Awards

UPV: Universidad Politécnica de Valencia



ICT Weeks. Valencia, July 2016
"Mobile Apps for Android"



ICT Weeks. Valencia, July 2024
"Mobile Apps for Android"



UNIVERSITAT
POLITÀCNICA
DE VALÈNCIA

ETSEAMN-UPV, 3P Building
Camino de Vera, s/n
46022 Valencia (SPAIN) interagr@upvnet.upv.es



<https://www.upv.es>

UPV: Universidad Politécnica de Valencia

International ICT Week July 7-11, 2025

ETSEAMN - UPV

Mobile Apps for Android with MIT App Inventor 2

*Fast visual development with
media, maps and databases*



<https://www.upv.es>



<https://www.upv.es>

Who we are?

The UPV ranks as the first technical university from Spain among some of the best in the world, according to the Shanghai ranking.

The UPV has been awarded the *Campus de Excelencia Internacional* seal twice.

The UPV community is made up of over 41.000 people. Of these, more than 36.000 are students, 2.843 are members of the teaching and research staff and 2.396 are administrative and services staff. UPV is composed of 13 schools.

Where are we located?

The UPV campus is located in the middle of the Mediterranean coast of Spain and in the north part of a tourist enclave, Valencia, between the city and the “huerta”, Valencia’s local orchards. The beach is less than 1 km.

How to reach the campus?

By bus, tube, tram and by our extended bicycle network system (www.valenbisi.es).

The student dorm is 10 minutes walking away from our campus.

“Learn how to quickly develop Apps for your Android device in an easy and visual way, with no prior knowledge of Android programming required.

Merge lots of technologies together in the same project: mobile devices, GPS, databases, web services, PHP, media...

Improve your relational and intercultural skills.

Enjoy your experience in our international Valencia.”



Description of the project

This five-day international training course aims to improve key skills on 2nd and 3rd year ICT students. Participants will develop their own mobile apps and work on prototypes, managing visual programming and Google/MIT tools within an international setting.

Course Goals

To develop a project for Android devices that will send geo-localized information and media to a database server. This information will be displayed in a web using Google Maps API.

Accommodation for students

You will be staying at Damia Bonet Student Dorm (<https://www.resa.es/en>) located next to our campus .

Registration for students

Registration fee: 520€ includes **6 nights** with breakfast (arrival Sunday, departure on Saturday) and 5 meals. Buddy program and social activities are also included.

Early bird registration deadline: November 15th 2024. Please note: late applicants will need to book their accommodation independently. Final deadline: December 15th 2024.

Cancellation Policy

In case of UPV cancellation, course fee will be reimbursed, not hotel expenses. Participants may cancel up to 15 days prior to the course start. No possible reimbursement if later.

