### Teaching staff

**Coordinator:** BERNARDINO CASAS FERNÁNDEZ  
**Others:** BERNARDINO CASAS FERNÁNDEZ

### Prior skills

See catalan version.

### Requirements

See catalan version.

### Degree competences to which the subject contributes

**Specific:**
1. CECO6. Ability to develop and assess interactive and presentation of complex information systems and their application in solving problems of designing human being-computer interaction.

**General:**
GEN. Accessibility: Know and apply criteria of universal design in different products, environment and services.

**Transversal:**
07 AAT. SELF-DIRECTED LEARNING. Detecting gaps in one's knowledge and overcoming them through critical self-appraisal. Choosing the best path for broadening one's knowledge.

### Teaching methodology

See Catalan version of the syllabus.

### Learning objectives of the subject

See Catalan version of the syllabus.
340454 - INDI-I7P23 - Interaction and Interface Design

Study load

<table>
<thead>
<tr>
<th></th>
<th>Hours large group:</th>
<th>Hours medium group:</th>
<th>Hours small group:</th>
<th>Guided activities:</th>
<th>Self study:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total learning time:</strong></td>
<td>150h</td>
<td>30h</td>
<td>0h</td>
<td>30h</td>
<td>90h</td>
</tr>
<tr>
<td><strong>Learning time:</strong></td>
<td>2h</td>
<td>Theory classes: 2h</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Content

1. Introduction to the interactive systems

**Description:**
See Catalan version of the syllabus.

**Specific objectives:**
See Catalan version of the syllabus.

2. Processing and visualization of 2D and 3D geometry

**Description:**
See Catalan version of the syllabus.

**Related activities:**
See Catalan version of the syllabus.

**Specific objectives:**
See Catalan version of the syllabus.

3. Graphical interaction and user interfaces design

**Description:**
See Catalan version of the syllabus.

**Related activities:**
See Catalan version of the syllabus.

**Specific objectives:**
See Catalan version of the syllabus.
340454 - INDI-I7P23 - Interaction and Interface Design

**Qualification system**

See Catalan version of the syllabus.

**Regulations for carrying out activities**

See Catalan version of the syllabus.

**Bibliography**

**Basic:**


**Others resources:**

Hyperlink

http://qt.digia.com

http://www.opengl.org

http://useit.com

http://developer.android.com