



COURSES / **DESIGN** / GRAPHIC DESIGN, PHOTOGRAPHY AND VISUAL BROADCASTING /

## **INTRODUCTION TO INTERACTIVE MEDIA DESIGN**

INTRODUCTION TO TOUCH DESIGNER - SOFTWARE FOR REALTIME 2D/3D,  
AUDIO ANALYSIS AND INTERACTIVITY

### **OBJECTIVES**

This is a 45-hour course with an intense practical/workshop component.

Days are divided between lecture-hall and workshop activities. The course is project-based, with course content geared toward group projects. Project content will be developed with a professional media designer. Students will have the chance to participate in an event performing live visuals to music. A further possibility will be projecting live graphics on architecture.

### **MAIN TOPICS**

This course introduces students to Touch Designer, a user-friendly, graphic node-based program that enables the integration of complex 3D and compositing along with audio analysis and manipulation for the creation of installations and live 'mixable' content across multiple screens.

#### **1. 2D realtime image processing**

image manipulation and compositing, image displacement, quicktime management.  
Text management.

#### **2. Audio processing**

Using audio to manipulate image, spectrum analysis and audio trigger.

#### **3. Touch components**

How to work with modular components for sharing. Importing from the web and the internal palette

#### **4. Custom interface building – MIDI controllers**

how to build a custom interface and attach an external device for performance.

#### **5. Manipulation of live video**

importing and manipulating video input. Timewarp.

#### **6. Multi screen content**

How to produce content for multi screen projection.

#### **7. Tracking**

How to import tracking information

#### **8. Content development**

Case studies in interactivity – design for new media.

### **LANGUAGE**

English



**MILANO**  
**SUMMER SCHOOL**  
JUNE > AUGUST > 2010

Milano



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## CALENDAR AND ATTENDANCE

### 5 July - 16 July, 2010

45 hours' lessons: on Monday 5 July there will be an orientation session from 10 am to 11 am, lessons from 11 am to 1 pm, lunch break from 1 pm to 2 pm and lessons again from 2 pm to 5 pm. On the other days there will be lessons from 10 am to 1 pm and from 2 pm to 4 pm. There will be no lessons on Friday 9 July. Attendance is mandatory.

## CANDIDATE PROFILE

Applicants should possess the following skills:

- An understanding of English;
- Basic knowledge of programmes such as After Effects or Shake;
- Knowledge of 3D programmes is an advantage.

## ADMISSION PROCEDURE AND DEADLINE

Please go to <http://www.design-summer-courses.com/enrol-design-courses.html> and follow the application procedure step by step (you can enrol online or choose the wire transfer enrolment procedure). The deadline for application form acceptance is 25 June 2010.

## ASSESSMENT AND FINAL QUALIFICATION

At the end of the course students will be awarded an attendance certificate as long as they have completed 80% of the course.

## E.C.T.S.

Currently not available.

## TEACHING STAFF

Course Leader and Professor: Andrew Quinn

## LOCATION

Nuova Accademia di Belle Arti Milano  
Via Darwin 20  
20143 Milano

## FEE

€ 1,480 (including a voucher to be spent at the NABA cafeteria for each day of classes)



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DI BELLE ARTI MILANO

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