

ActionScript/Programming Course Schedule IxD2 2011 (ActionScript 3.0)

Lectures/exercises/Location

** All lectures include discussions, coding & project examples, individual work & exercises*

WEEK 38

2011-09-20 Evening (Blue PC Lab)

17:00-18:00 **Introduction/Presentation**

18.30-20.00 **Program workspace/overview, Introduction to AS3/programming**

2011-09-22 Evening (Blue PC Lab)

17:00-18:00 Lecture 1: **Variables & Data-types**

18.30-20.00 Lecture 2: **Statements & Loops**

WEEK 39

2011-09-26 (Blue PC Lab)

09:00-10:00 Lecture 3: **Functions & Custom Objects**

10:30-12:00 Lecture 4: **Events** (Mouse, keyboard-input)

13:00-14:30 Discussion: **Exercise** (Blue PC Lab)

15:00-16:30 Lecture 5: **Movie-clips, Properties & DisplayList** (Coding with movie-clips)

17:30-18:30 Discussion: **Exercise** (IxD Workshop/Studio)

19:00-20.00 Discussion: **Exercise** (IxD Workshop/Studio)

2011-09-27 (Blue PC Lab)

09:00-10:30 Lecture 6: **Animation 1** (Coding animations, tween-classes etc)

11:00-12:00 Lecture 7: **Animation 2** (Coding animations, tween-classes etc)

13:00-14:30 Discussion: **Exercise** (Blue PC Lab)

15:00-16:30 Lecture 8: **Sound** (Coding sound, microphone & sound visualization)

17:30-18:30 Discussion: **Exercise** (IxD Workshop/Studio)

19:00-20.00 Discussion: **Exercise** (IxD Workshop/Studio)

- 2011-09-28 (Blue PC Lab)
09:00-10:30 Lecture 9: **Video** (Coding video, webcam & introduction to streaming)
11:00-12:00 Discussion: **Exercise + Project Ideas** (Blue PC Lab)
13:00-14:30 Lecture 10: **Image** (Loading assets, Preloaders, Error handling & XML Gallery)
15:00-17:00 Discussion: **Exercise** (IxD Workshop/Studio)
- 2011-09-29 (Blue PC Lab)
09:00-10:00 Lecture 11: **Introduction to Object Oriented Programming (OOP) 1**
10:30-12:00 Lecture 12: **Introduction to Object Oriented Programming (OOP) 2**
13:00-14:30 Discussion: **Exercise** (Blue PC Lab)
15:00-17:00 Discussion: **Team-exercise: UML (game) design exercise**
- 2011-09-30 (Blue PC Lab + School)
08:00-14:00 Discussion: **Team Exercise with LEGO + documentation**

WEEK 40

- 2011-10-03 (Blue PC Lab)
09:00-10:00 Lecture 13: **Introduction to Multi-touch1**: (self-study: Terminology & techniques)
10:30-12:00 Lecture 14: **Introduction to Multi-touch2** (Building prototypes for touch-devices)
13:00-20:00 **Multi-touch Project work**
- 2011-10-04 (Blue PC Lab + IxD Workshop/Studio)
09:00-20:00 **Multi-touch Project work**
- 2011-10-05 (Blue PC Lab + IxD Workshop/Studio)
09:00-20:00 **Multi-touch Project work**
- 2011-10-06 (Blue PC Lab + IxD Workshop/Studio)
09:00-20:00 **Multi-touch Project work + documentation**
- 2011-10-07 (Project Studio)
09:00-15:00 **Presentations (Project-work, UML & LEGO exercise)**



Interactivity