Bulletin 1

COURSE INTRODUCTION AND TIMETABLE

1   **Content** This course introduces key concepts and techniques of computing and telecommunication technologies. Focus is on the implications for design practice.

During the lessons all communication is in English, but the final exam work can be in Italian and/or English. No programming or electronics experience is needed.

2   **Study and exam methods** On www.interaction-venice.com, click 'Courses' for general information about clasVEM's Interaction Design programme. See especially 'Study method' and 'Exam method'.

The course emphasises learning-by-doing, teamwork and mutual critique. As well as lectures by the teachers, most lessons will include exercises (practical tasks, done in teams); most weeks you will also be given assignments (practical homework tasks, done individually). You will show your exercise and assignment work to the class in open discussions: 'crits' (short for 'critiques').

Section 9 below, the timetable, shows that most lectures and assignments happen in weeks 2.1–9. During this period you will be given an exam assignment: this, the production of a booklet related to the course, is what is examined at the *appelli*. You may wish to include some of your assignment and exercise work in this booklet, so you are strongly advised to keep this work. Weeks 2.10–11 are for preparing for the exam.

3   **Attendance** An attendance register is posted in the *aula* in every lesson. Please sign this each time you attend. If you do not sign, you will be registered as absent (except in documented cases of illness or exceptional misfortune); to be eligible for the exam, IUAV fDA says that the register must be signed in at least 67% of all lessons. The remaining 33% allows absence for illness, transport strikes, *acqua alta,* other exams, personal emergencies etc.

4   **Tools** Most lessons include practical exercises, for which you must bring:

- A3 paper (A4 is too small for the diagrams which designers use for creating and thinking)
- Post-Its (for the fast and flexible generation and communication of ideas)
- Markers (*pennarelle*, because you are a designer)
- Brown scotch tape (so as not to damage surfaces).

Some students also bring a small English–Italian dictionary.

5   **References** On www.interaction-venice.com, click 'Resources' then 'IUAV course references' for interesting and relevant publications.

6   **Personal information** We make a list of everyone on the course, with their mobile-phone numbers and email addresses, and post this on the course website to help communication. You have a right to privacy, so please email ptabor@iuav.it if you do not wish your a) email address or b) mobile number to be posted; if you do not do this, we will assume that you give permission.

7   **Course website** Documents such as assignments, bulletins, exercises and lesson summaries are posted on the *Telecomunicazioni* website: http://www.interaction-venice.com/courses/Theory2

You can see the site but not change its contents. You will soon be sent a username and password. Click 'Site Admin' > 'Users' > 'Your Profile', then change your password. This site is private to this course, so you must not give the password, show the site, or send its contents to anyone not on this course.

8   **Timetable**

2.1	Th 15	09.00	**Computation** 1. Course introduction	*Lessons*
Jan	F 16	09.00	Computation 2	
2.2	Th 22	09.00	**Sensors and actuators** 1	
	F 23	09.00	Sensors and actuators 2	
2.3	Th 29	09.00	**Pervasive computing** 1. Introduction to Exam Assignment	
	F 30	09.00	Pervasive computing 2	
2.4	Th 5	09.00	**Digitization and representation** 1	
Feb	F 6	09.00	Digitization and representation 2	
2.5	Th 12	09.00	**Programming** 1	
	F 13	09.00	Programming 2	
2.6	Th 19	09.00	**Telecommunication** 1	
	F 20	09.00	Telecommunication 2	
2.7	Th 26	09.00	**Internet and the Web** 1	
	F 27	09.00	Internet and the Web 2	
2.8	Th 5	09.00	**Data and databases** 1	
Mar	F 6	09.00	Data and databases 2	
2.9	Th 12	09.00	**Mashups**	
	F 13	09.00	**Futures**	*Exam preparation*
2.10	Th 19	09.00	Exam preparation. Tutorials	
	F 20	09.00	Exam preparation. Tutorials	
2.11	Tu 24	17.00	**Deadline** for emailing tutorial request and draft proposal (see note 3 below)	
	Th 26	09.00	Exam preparation. Tutorials (not obligatory)	
	F 27	09.00	Exam preparation. Tutorials (not obligatory)	
B.1	M 30	**10.00**	**Appello 1 deadline** for handing in work	*Exams*
Apr	Th 2	09.00	Appello 1 exam	
B.3	M 13		(Pasquetta: IUAV closed)	
	Tu 14	10.00	Appello 2 deadline for handing in work	
	F 17	09.00	Appello 2 exam	
C.12	M 21	10.00	Appello 3 deadline for handing in work	
Sep	Tu 22	10.00	Appello 4 deadline for handing in work	
	Th 24	09.00	Appello 3 exam	
	F 25	09.00	Appello 4 exam	

1 Lessons are in Terese aula G.

2 There are no formal lessons in exam-preparation weeks 2.10–11. In week 2.10 you must attend tutorials to show your exam work-in-progress. In week 2.11 you can, if you wish, attend tutorials.

3 The email deadline in week 2.11 is optional, not an exam appello deadline. If you wish another tutorial in week 2.11, please email ptabor@iuav.it by 17.00 Tuesday 24 March to request a tutorial – and send your draft exam proposal so that we can consider it before the tutorial.

4 Tutorial advice for this course is not available after week 2.11.

5 Appello hand-ins are to the Terese portineria, with (unless the booklet contains the PDF on a CD) a PDF version emailed to ptabor@iuav.it. Booklets must be in envelopes clearly marked 'A Gillian Crampton Smith. Da [your name]. Esame Telecomunicazioni'.