



DSDN112

Intro to Interaction Design

Course outline Trimester 2, 2012

GENERAL

Core (Media), Elective (Industrial, Culture+Context); Trimester Two; 15 points

ASSESSMENT

100% internal by assignment

School of Design

CLASSTIMES AND LOCATIONS

LECTURES:	Tue 10:30am – 11:20pm	Room: VS LT1
STUDIO:	A: Mon/Fri 8:30am – 10:20am	Room: WIG 101 (VS226)
	B: Mon/Fri 10:30am – 12:20pm	Room: WIG 101 (VS226)

COORDINATOR

Coordinator

Angela Blachnitzky

Room: WG 406

Phone: 463 6407

Office Hours: Tue 11.30am - 12.30pm

Email: angela.blachnitzky@vuw.ac.nz

Web: <http://schoolofdesign.ac.nz>

For Tutor details please visit the course blog via: <http://schoolofdesign.ac.nz/>

COURSE SYNOPSIS

This course introduces students to basic concepts and practices of interaction design. Students explore the aesthetics of objects, software and devices from the perspective of the user's experience and use context.

AIMS OF THE COURSE

The central aim of this studio-based course is to introduce students to the field of interaction design at the crossroads of media design, industrial design, information design and anthropology. Students will learn to focus on designing interactive experiences for other people. This will require them to develop an understanding of other people's perceptions, needs and behaviors, but also to establish a sense for aesthetic and appropriate form, as well as usability issues and human factors.

COURSE LEARNING OBJECTIVES

Knowledge

By the end of the course, students will have learned:

- Basic principles of sensual perception
- Fundamentals of designing for interaction
- Interface design basics
- Prototyping
- Structured research approach to both conducting and recording design research

Creative & Critical Thinking

By the end of the course, students will have learned:

- Using the morphologic matrix as an idea generation tool
- Representing ideas via mindmaps

Communication

By the end of the course, students will have learned to:

- Communicate design ideas orally and visually
- Document projects and individual progress
- Using other's feedback to inform design decisions

Leadership

By the end of the course, students will have learned to:

- Take ownership for own learning
- Reflect critically on work and take responsibility for it

COURSE CONTENT

In order to understand how other people perceive interactive experiences, it is important for students at first to investigate their own perceptions. As a second step, students learn how to test their design, get feedback from others and use this feedback to inform their work. Before we are moving on to developing concepts that tackle real-world problems, students will be introduced to the iterative nature of design processes.

COURSE DELIVERY

This course combines lectures, studio sessions and online learning.

All Course materials, project descriptions, important dates, reference materials and required readings will be available on the course blog, located on the School of Design Teaching and Learning website, see:

<http://schoolofdesign.ac.nz>

ASSIGNMENTS/PROJECTS

The course will be broken into two projects:

1 : Interactive objects. 35%

This project is an exploration of holistic perception with all our senses. An interactive object will be designed, with an emphasis on providing a unique experience for the user.

The graded components will include:

1. The aesthetic qualities of the object
2. Understanding interesting and innovative interactive user experiences
3. A blog showing the process and development of the project.

2 : Navigation interface. (35% + 30%)

This will entail an analysis of current interfaces and exploration into how we navigate in real life and on screens. In the first part a prototype application will be developed using Adobe Flash. The second part consists of a movie-clip that shows the application in use.

The graded components will include:

1. The aesthetic and functional qualities of the interface
2. A demonstrated understanding of how to present your design in a movie clip.
3. A blog showing the process and development of the project.

ASSESSMENT REQUIREMENTS

Weekly performances and amount of work done will be assessed throughout the term. Those assessments will influence the total grade.

Assessment Criteria specific to individual projects will be listed in each Project Outline. DSDN 112 is internally assessed by assignment work in the form of two main projects. Each is assessed and graded A+, A, A-, B+, B, B-, C+, C, D, E, (where C is a PASS). Grades are issued to students via email. The final grade for the course is based on the aggregation of the percentage marks for each of the projects, and a final grade of C or better is required to pass the course.

The two projects contribute towards the final course grade as follows:

Project 1: Interactive objects

Interim presentation	6-August	mandatory
Hand-in	20-August	35%

Project 2: Navigation interface

Interim presentation part A	21-September	mandatory
Hand-in part A	5-October	35%

Interim presentation part B	15-October	mandatory
Hand-in part B	30-October	30%

Total: 100%

The School has a long tradition of providing *critical review* of student work as it progresses especially in design projects. This is part of feed-back for learning purposes. Such reviews must not be misunderstood as indicators of standards and they are different from *assessment*. Students have a responsibility to attend critical reviews at the appointed time as part of the learning process. Review panels are often composed of internal and external members for the appointed times and cannot be re-composed to consider late submissions. Consequently late work will not receive a critical review, though it will be assessed subject to any penalties as set out below.

- **Critical Review:** May take place during the development phases of a project as well as at the time of the final submission. Its purpose is to identify strengths and weaknesses in the work and to offer suggestions to generally encourage the student. An encouraging critical review does not necessarily mean a good assessment result.
- **Assessment:** May take place at a stage in a project or on final submission (or both). Its purpose is to assess the work in terms of the objectives stated in the handout and to express this as a grade. Moderation of all assessment in design is undertaken at the end of the Trimester after critical reviews, involving a wider group of staff than the immediate lecturers in the course. This process ensures fairness.

All grades posted during this course are only provisional results until confirmed by the School Examiners Committee which meets after the examination period.

PENALTIES

Students are required to personally present their work on time at all scheduled reviews and in the location and specified format as set out in project outlines. Except in emergency situations failure to personally present work at any scheduled graded review will result in an automatic failing grade of E for the work being reviewed, unless an extension has been approved in writing in advance by the Course Coordinator.

Late submissions will not be penalised in the event of illness or other extraordinary circumstances provided students have submitted a request for an extension and received approval in writing from the Course Coordinator (see the Student Administration Office for an Application for Extension form). The extension must be approved in advance of the scheduled review or hand-in except in situations where the nature of the illness or other circumstance prevents this. Work submitted late without the prior agreement of the Course Coordinator will be penalised by a failing grade of E. Furthermore, if work is not handed in within 5 working days of the review without the prior agreement of the Course Coordinator it will be recorded as a non submission.

Work submitted late **must** be submitted directly to the Course Coordinator. Any project work left on the project shelves or elsewhere will be entered on the grade sheet as a no-submission

ATTENDANCE AND PARTICIPATION

Attendance and participation is an important aspect of the learning process, and you are required to attend all lectures and tutorials.

If extraordinary circumstances arise that require you to be absent from some class sessions, you should discuss the situation with the Course Coordinator as soon as possible.

The design studio operates at three levels of instruction: the whole class, the tutorial group, and the individual. The studio thus involves both collective and individual participation from individuals in the group. Tutors will be in the studio at all scheduled times undertaking group and individual instruction and reviewing project work. Ongoing discussion will be critical to the development of your design work.

Therefore, for the studio to operate effectively, students are expected to arrive on time, to be present for the whole studio session, (unless there are reasons why they cannot) and to actively participate in group and one-to-one discussions with your tutor. It is also expected that students will bring to the studio sessions the appropriate equipment and supplies needed to work productively on the design projects and to complete this project work on time. The intensity and regularity of participation in the studio is unerringly reflected in the understanding and quality expressed in the resulting work.

Students are expected to maintain an acceptable level of cleanliness and tidiness in the studio as outlined in the Studio Culture Policy which is displayed in all studios.

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COURSE EXPECTED WORKLOAD

You should expect to spend of around 150 hours on this course, including both scheduled class time and independent study. Typically this involves around 10 hours per week during the twelve teaching weeks, with the balance during the mid trimester break.

http://www.victoria.ac.nz/home/about_victoria/avcacademic/publications/assessment-handbook.pdf

MATERIALS AND EQUIPMENT REQUIRED

Students will need to provide all materials and equipment as necessary for the completion of required work.

Some material costs will be necessary for the first project, and a USB stick is highly recommended for the second. Please bring paper and black pens as well as coloured pencils to each class. The course also requires an internet blog.

It is recommended that you have your own laptop although computer facilities are available at the School. If you are purchasing a laptop and would like information on the minimum requirements please contact the Student Administration Office. While digital cameras are available at the school, it is also recommended that students consider purchasing a simple digital camera (3.2mpxl minimum). Note: The Student Loan, administered by StudyLink, allows students to claim up to \$1000 for course related costs for each year of study.

RECORDING OF WORK AND PORTFOLIO

You are strongly encouraged to respect and care for your work, making and recording a visual summary of each project in this course. This may be in digital and/or hard copy. The principal purpose of this is to maintain a record of your work for incorporation into your own personal "Design Portfolio". Recording a summary of your work also means it is available if needed for you or the School to exhibit or publish.

SUBMISSION OF WORK

Each student is responsible for ensuring their work is submitted to their course tutor or Course Coordinator on time and in the required format.

Late submissions will be penalised as set out above, unless an extension is approved by the Course Coordinator.

EXTENSIONS

In the event of illness or other extraordinary circumstances that prevent you from submitting a piece of work on time, or that you feel adversely affect the quality of the work you submit, it is important that you discuss your circumstances with the Course Coordinator as soon as possible so that appropriate arrangements may be made. You should complete an Application for Extension form (available from the Faculty Office) for the Course Coordinator to approve. You will also need to provide suitable evidence of your illness or other circumstances. In an emergency, or if you are unable to contact the Course Coordinator, you should advise the Faculty Office of your situation. Work submitted late must be submitted to the Course Coordinator.

MANDATORY COURSE REQUIREMENTS

In order to pass the course you must also satisfy the following mandatory course requirements:

- Attend at least 80% of studio & lecture sessions
- Attend and present your project work at all scheduled critical reviews
- Hand-in all projects

SCHEDULE OF SESSIONS (Assessments to be noted)

Week Month	Day	Date	Item	Location	Time	Comments Trimester 1 Begins
Week 29 July	M	16	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
	TU	17	Lecture 1	VSLT1	10.30-11.20	Course intro, Project 1 intro
	W	18				
	TH	19				
	F	20	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
Week 30 July	M	23	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
	TU	24				No lecture
	W	25				
	TH	26				
	F	27	Withdrawal refund Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	<i>This is the last date than you can withdraw with a full refund</i>
Week 31 July	M	30	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
	TU	31	Lecture 2	VSLT1	10.30-11.20	
	W	1				
	TH	2				
	F	3	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
Week 32 August	M	6	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	Interim presentation
	TU	7				No lecture
	W	8				
	TH	9				
	F	10	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
Week 33 August	M	13	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
	TU	14	Lecture 3			
	W	15				
	TH	16				
	F	17	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
Week 34 August	M	20	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	Hand-in project 1 and Presentation
	TU	21	Lecture 4	VSLT1	10.30-11.20	Intro project 2
	W	22				
	TH	23				
	F	24	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
Week 35 August	M	27				Mid Trimester Break
	TU	28				
	W	29				
	TH	30				
	F	31				
Week 36 September	M	3				
	TU	4				
	W	5				
	TH	6				
	F	7				Trimester 2 continues
Week 37 September	M	10	Tutorial	WIG101 (VS226)	8.30-10.20 or 10.30-12.20	
	TU	11	Lecture 5			
	W	12				

	TH	13					
	F	14	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
Week 38 September	M	17	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
	TU	18					No lecture
	W	19					
	TH	20					
	F	21	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	Interim presentation Project 2 part A
Week 39 September	M	24	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
	TU	25	Lecture 6				
	W	26					
	TH	27					
	F	28	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
Week 40 October	M	1	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
	TU	2	Lecture 7				
	W	3					
	TH	4					
	F	5	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	Hand-in Project 2 part A
Week 41 October	M	8	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
	TU	9	Lecture 8				
	W	10					
	TH	11					
	F	12	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
Week 42 October	M	15	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	Interim presentation project 2 part B
	TU	16					No lecture
	W	17					
	TH	18					
	F	19	Tutorial	WIG101 (VS226)	8.30-10.20 10.30-12.20	or	
Week 43 October	M	22					Labour Day - Holiday
	TU	23					Study Period
	W	24					
	TH	25					
	F	26					
Week 44 October November	M	29					Examination Period
	TU	30					Hand-in project 2 part B
	W	31					
	TH	1					
	F	2					
Week 45 November	M	5					
	TU	6					
	W	7					
	TH	8					
	F	9					
Week 46 November	M	12					
	TU	13					
	W	14					
	TH	15					
	F	16					Examination Period ends
Week 47 November	M	19					Trimester 3 Begins
	TU	20					
	W	21					
	TH	22					
	F	23					

COMMUNICATION OF ADDITIONAL INFORMATION

Any changes or additions to this Course Outline will be discussed and agreed with the class, and conveyed via email or through the course blog on the School of Design Teaching and Learning website <http://schoolofdesign.ac.nz>.

CLASS REPRESENTATIVES

The Faculty of Architecture and Design operates a system of Class Representatives in 100-level courses, and Year Representatives in each of the professional disciplines. Student Representatives are elected during a class session in the first week of teaching. All Student Representatives will be listed on the STUDiO notice board in the Atrium, and the relevant Representatives are also listed on studio notice boards. Student Representatives have a role in liaising between staff and students to represent the interests of students to the academic staff, and also in providing students with a communication channel to STUDiO and the Student Representation organiser.

ACADEMIC INTEGRITY AND PLAGIARISM

Academic integrity means that University staff and students, in their teaching and learning are expected to treat others honestly, fairly and with respect at all times. It is not acceptable to mistreat academic, intellectual or creative work that has been done by other people by representing it as your own original work.

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. Victoria University's reputation for academic integrity adds value to your qualification.

The University defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material

Find out more about plagiarism, how to avoid it and penalties, on the University's website:

www.victoria.ac.nz/home/studying/plagiarism.html

USE OF TURNITIN

Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine <http://www.turnitin.com>. Turnitin is an online plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and subject to checking by Turnitin. Turnitin will

retain a copy of submitted material on behalf of the University for detection of future plagiarism, but access to the full text of submissions is not made available to any other party.

GENERAL UNIVERSITY POLICIES & STATUTES – WHERE TO FIND MORE DETAILED INFORMATION

Students should familiarise themselves with the University's policies and statutes, particularly the Assessment Statute, the Personal Courses of Study Statute, the Statute on Student Conduct and any statutes relating to the particular qualifications being studied; see the *Victoria University Calendar* or the University's policy website <http://www.victoria.ac.nz/home/about/policy>

Student and staff conduct

The Statute on Student Conduct together with the Policy on Staff Conduct ensure that members of the University community are able to work, learn, study and participate in the academic and social aspects of the University's life in an atmosphere of safety and respect. The Statute on Student Conduct contains information on what conduct is prohibited and what steps are to be taken if there is a complaint. For information about complaint procedures under the Statute on Student Conduct, contact the Student Interest and Disputes Resolution Advisor or refer to the statute on the Victoria policy website at: <http://www.victoria.ac.nz/home/about/policy>

The Policy on Staff Conduct can also be found at: <http://www.victoria.ac.nz/home/about/policy>

Academic grievances

If you have any academic problems with your course you should talk to the tutor or lecturer concerned; class representatives may be able to help you in this. If you are not satisfied with the result of that meeting, see the Head of School or the relevant Associate Dean; The Student Interest and Dispute Resolution Adviser is available to assist in this process. If, after trying the above channels, you are still unsatisfied, formal grievance procedures can be invoked. These are set out in the Academic Grievance Policy which is published on the Victoria website at: <http://www.victoria.ac.nz/home/about/policy>

There is also a leaflet explaining the grievance process available from the Academic Office website at: http://www.victoria.ac.nz/home/about_victoria/avcacademic/Publications.aspx#grievances

Students with Impairments

Refer to the [Meeting the Needs of Students with Impairments Policy](#), available on the University's policy website <http://www.victoria.ac.nz/home/about/policy>

The University has a policy of reasonable accommodation of the needs of students with impairments. The policy aims to give students with disabilities the same opportunity as other students to demonstrate their abilities. If you have a disability, impairment or chronic medical condition (temporary, permanent or recurring) that may impact on your ability to participate, learn and/or achieve in lectures and tutorials or in meeting the course requirements, please contact the course coordinator as early in the course as possible. Alternatively, you may wish to approach a Student Adviser from Disability Services to discuss your individual needs and the available options and support on a confidential basis. Disability Services are located on Level 1, Robert Stout Building; telephone 463-6070 email: disability@vuw.ac.nz

Information regarding support is available from the Faculty Office reception desk.

Student Support

Staff at Victoria want students to have positive learning experiences at the University. There are a number of support services available to help you directly if your academic progress is causing concern or if there are elements in your life that are affecting your ability to study. These include:

- Your course coordinator or programme director;
- Staff in your Faculty Student Administration Office Student Dedicated learning support through Student Learning Support Service; Kaiwawao Māori; Maanaki Pihiphipinga; Disability Support Services and Victoria International;
- Wider holistic support through the Health Service; Counselling Service; Financial Support and Advice; Accommodation Service and Career Development and Employment. Find out more at www.victoria.ac.nz/st_services/ or email student-services@vuw.ac.nz;
- VUWSA employs a Student Advocate who deals with academic problems and provides support, advice and advocacy services, as well as training and supporting class representatives and faculty delegates. The Education Office is located on the ground floor, Student Union Building. Email education@vuwsa.org.nz or tel. 463-6716 or 463-6984.

TE ARO CAMPUS BUILDING RULES AND FACILITIES

Students on the Te Aro Campus are required to comply with the Faculty Guidelines relating to the safe use, access and care of the Architecture and Design technical resources and building facilities. These are available on the School website, and in the following documents available from the student R drive:

<R:\Student Health and Safety Information>

FAD Health & Safety Handbook – <http://www.victoria.ac.nz/fad/facilities/3d-model-workshops.aspx>

- Workshop and campus safety
- Safety training and safety precautions for the workshops
- FAD hazard Register
- Te Aro Campus floor plans

FAD Technical Services and Facilities Handbook – issued to all staff and available to all students on the student R drive, covering various local practices, including information on:

- Information for new staff and students
- Access and booking of teaching/studio spaces, and technical resources
- Studio etiquette and rules pertaining to exhibitions, critiques and storage of models/drawings
- Housekeeping/cleaning within the studios and workshops
- Information on Te Aro IT systems and support
- Te Aro campus floor plans

General information on Faculty/School Technical Facilities including **technical staff** and their associated areas: <http://www.victoria.ac.nz/fad/facilities>

WHERE TO GET HELP

Faculty of Architecture and Design Student Administration Office – Vivian Street – Level One

The Faculty's Student Administration Office is located on the first floor of the Vivian Street Wing. The first floor counter is the first point of contact for general enquiries and Faculty forms. Student Administration Advisors are available to discuss course status and give further advice and the Faculty qualifications. To check for opening hours call the Faculty Student Administration Office on (04) 463 6200.

HEALTH AND SAFETY

Students are reminded that they must comply with any health and safety instructions given by staff members in charge or work places and instructions and signs posted around the campus. All students should familiarise themselves with the *FAD Health and Safety Manual* and *Notices around the Workshops and Laboratories*. Students are advised to refer to the Student R drive for safety and other relevant information. [R:\Student Health and Safety Information](#)

WITHDRAWAL DATES

Information on withdrawals and refunds can be found at:

<http://www.victoria.ac.nz/home/admisenrol/payments/withdrawalsrefunds.aspx>

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