



DSDN 411

Design led futures

Course outline Trimester 2, 2012

GENERAL

Core; Trimester Two; 30 points

ASSESSMENT

100% internal by assignment

CLASSTIMES AND LOCATIONS

LECTURES:	Tues	8:30am – 9:20am	Room: WIG 401
STUDIO:	Mon	9:30am – 12:20am	Room: WIG301
	Tues	9:30am – 10:20am	Room: WIG301

COORDINATOR

Coordinator

Name: Ross Stevens

Room: VS 2.32

Phone: 4636165

Office Hour: Mon 2-3pm

Email: Ross.stevens@vuw.ac.nz

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

COURSE SYNOPSIS

Design led futures (DLF) as the name suggests works on the premise that the future is not predetermined or predictable but fluid and able to be influenced through design. Its goal is to propose provocative yet pragmatic scenarios that extend our understanding of current trajectories offering new directions and perspectives.

AIMS OF THE COURSE

In this course you are free to apply all ways of thinking and philosophies to question the relationship between design, science, technology, media, history, culture and context. Working on a visionary, future scenario will provide you with a reference point for best practice throughout your professional careers as designers or design researchers.

COURSE LEARNING OBJECTIVES

Knowledge

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

- demonstrate virtuosity in the execution of design outputs.
- define and engage with specific scientific research

Creative & Critical Thinking

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

- conceive emotive, experimental, speculative and provocative design outputs.
- synthesise and creatively apply detailed knowledge of specialist theories.

Communication

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

- interpret complex design ideas and concepts into provocative yet comprehensible and visible scenarios.
- Able to disseminate design research effectively through different avenues of design publication.

Leadership

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

- initiate, structure and manage complex (multidisciplinary) design projects.
- demonstrate professional leadership in their engagement with design.

COURSE CONTENT

This course will provide you with an opportunity to confront and learn about the challenges that arise during the assimilation of theoretical design philosophies (academic) into professional practice (industry). This will be done by encouraging design experimentation and enquiry based on world leading scientific research. A series of lectures will be given by scientists from the **MacDiarmid Institute for Advanced Materials and Nanotechnology**. Your role as designers will be to explore the opportunities and implication of their research for humankind in the year 2040.

COURSE DELIVERY

The course will include class lectures and group studio sessions. Initial research will focus on scientific principles and research undertaken by previous DLF students; specifically PDF books, videos, and physical/virtual models. Each group of students are expected to develop, archive and present all of their collective and individual work via a website/blog that will form the starting point for next year's DLF students and potential commercial development.

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

Design Led futures (DLF) operates as one main assignment with defined stages and submissions during the trimester.

The assignment focuses on the creation of a future vision for 2040 that explicitly reveals moments in a person's life that are yet to exist. These visions are not predictions that will emerge beyond our control but ideals that could be achieved if understood as viable options and consciously developed.

Industrial Design, Digital Media and Culture and Context students will work in interdisciplinary groups with primarily digital visualising and modelling technologies. While the results of the collaborative work will vary depending on the media, scenarios and students involved each group will conclude with a unique, tangible and provocative challenge to industry, scientists, academia and the broad public. The complete content of the research undertaken is to be presented and archived on the Design led futures website (dependant of quality)

ASSESSMENT REQUIREMENTS

Assessment Criteria specific to the project will be listed in the Project Outline.

Overall Assessment Criteria for this course are:

- a. demonstration of an ability to effectively evolve existing research into tangible future design proposals.
- b. evidence of the ability to define general scenarios into specific products, systems or services.
- c. evidence of the ability to explore, refine and resolve the aesthetic qualities of physical and digital constructs.
- d. demonstration of an ability to effectively utilise an interdisciplinary/group approach to produce creative, interrelated and holistic design scenarios.
- e. clarity and quality in the presentation of design concepts. This includes all form of presentation, eg physical/digital models, drawings, written explanations and visual presentations.
- f. evidence of a clear understanding of the issues related to working professionally, including time management and efficiency.

DSDN 411 is internally assessed by assignment work in the form of one main project and four graded submissions. Each is assessed and graded A+, A, A-, B+, B, B-, C+, C, D, E, (where C is a PASS). Grades only are issued to students. 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.

Four stages contribute towards the final course grade as follows:

Submission 1	Monday 6 August	20%
Submission 2	Monday 20 August	20%
Submission 3	Monday 1 Oct	30%
Submission 4	Friday 9 Nov*	30%
	* Date to be confirmed once exam timetable is available	
	Total	100%

Your work will be reviewed on the basis of the degree to which it meets the assessment criteria. Although visitors may be involved in some of the reviews, the assessment of the course is carried out by the course coordinator in consultation with the tutors.

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

GROUP WORK

Group work refers to activities where students work together to produce a report or complete a specific task. The University recognises that group work, when used appropriately, can be a valuable teaching strategy that contributes to students' learning and the development of their communication, teamwork and leadership skills.

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.

COURSE EXPECTED WORKLOAD

You should expect to spend of around 300 hours on this course, including both scheduled class time and independent study. Typically this involves around 20 hours per week during the twelve teaching weeks, with the balance during the mid trimester break, study week, and examination period. *{latter two depends on the timing of the last assessment}*.

http://www.victoria.ac.nz/home/about_victoria/avcadademic/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.

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

None

SCHEDULE OF SESSIONS

Week Month	Day	Date	Item	Location	Time	Comments Trimester 1 Begins
Week 29 July	M	16	Studio	Wig 301	9.30-12.20	
	TU	17	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	18				
	TH	19				
	F	20				
Week 30 July	M	23	Studio	Wig 301	9.30-12.20	
	TU	24	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	25				
	TH	26				
	F	27	Withdrawal refund			<i>This is the last date than you can withdraw with a full refund</i>
Week 31 July	M	30	Studio	Wig 301	9.30-12.20	
	TU	31	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	1				
	TH	2				
	F	3				
Week 32 August	M	6	Submission 1	Wig 301	9.30-12.20	Hand in 20%
	TU	7	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	8				
	TH	9				
	F	10				
Week 33 August	M	13	Studio	Wig 301	9.30-12.20	
	TU	14	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	15				
	TH	16				
	F	17				
Week 34 August	M	20	Submission 2	Wig 301	9.30-12.20	Hand in 20%
	TU	21	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	22				
	TH	23				
	F	24				
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	Studio	Wig 301	9.30-12.20	
	TU	11	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	12				
	TH	13				
	F	14				
Week 38 September	M	17	Studio	Wig 301	9.30-12.20	
	TU	18	Lecture	WIG 401	8.30-9.20	

			Studio	Wig 301	9.30-10.20	
	W	19				
	TH	20				
Week 39 September	F	21				
	M	24	Studio	Wig 301	9.30-12.20	
	TU	25	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	26				
	TH	27				
Week 40 October	F	28				
	M	1	Submission 3	Wig 301	9.30-12.20	Hand in 30%
	TU	2	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	3				
	TH	4				
Week 41 October	F	5				
	M	8	Studio	Wig 301	9.30-12.20	
	TU	9	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	10				
	TH	11				
Week 42 October	F	12				
	M	15	Studio	Wig 301	9.30-12.20	
	TU	16	Lecture Studio	WIG 401 Wig 301	8.30-9.20 9.30-10.20	
	W	17				
	TH	18				
Week 43 October	F	19				
	M	22				Labour Day - Holiday
	TU	23				Study Period
	W	24				
	TH	25				
Week 44 June November	F	26				
	M	29				
	TU	30				
	W	31				
	TH	1				
Week 45 November	F	2				
	M	5				
	TU	6				
	W	7				
	TH	8				
Week 46 November	F	9	Submission 4	TBA	TBA	Hand in 30%*
	M	12				* Date to be confirmed once exam timetable is available
	TU	13				
	W	14				
	TH	15				
Week 47 November	F	16				Examination Period ends
	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 Advisor 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.vuw.ac.nz/architecture/facilities/index.aspx>

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>

School of Design