



CPD Course | School of Architecture, Planning and Geomatic

Introduction to Spatial Design

25 Jan - 5 Feb 2021



Course Overview



Introduction to Spatial Design is an intensive course held five days a week over two weeks and provides an experiential snapshot of the design studio and spatial design thinking required for built environment disciplines such as landscape architecture and urban design. ZooDADA introduces abstraction as a design tool, employing various modes as filters or 'design machines' to learn how to communicate and represent what we see and experience in our environment in an architectural language.

This course is a whirlwind introduction to spatial design. The design process from site to programme to design development and production, is condensed into two weeks. The value of this course is its connection to a tangible site through which both technical and creative spatial design skills are explored and developed.

Course Topics

Form generation: form theory as well as practical prototyping, emergent forms and strategies for spatial organisation

Place: introduces context and genius loci and engages in topographical manipulation of a site

Site analysis: involves a practical session of measuring, drawing and reconstructing a site through plan, section, elevation and models

Programme: students develop a brief and programme for design as well as input from examples of theory and precedent

Design production and process: students engage in a process of design development and production of design through plan, section, elevation, 3D perspectives and models

Representation: throughout the course students are exposed to various ways of representing and communicating spatial design ideas and narratives, including the curation of a body of work

Course Format

Each day will involve students working on their projects in the design studio, attending short lectures will introduce aspects of history and theory of spatial design, and engaging in game-based design workshops. At the end of the two weeks the students will design and prepare a formal exhibition of the week's products.

Covid-19 Impacts: If Health & Safety regulations permit, this course will be delivered face-to-face on campus while maintaining social distancing and sanitisation protocols. Details around these protocols will be sent out closer to the time.

If Health & Safety regulations do not permit face-to-face delivery, alternative arrangements will be made and this course may be delivered online. In the event of online participation, you will please need to ensure that you have access to:

- a laptop
- good wifi connectivity and data and
- a dedicated space to draw and build models

Even if the course delivery is online, course materials such as stationery and drawing equipment will still be provided.

Who Should Attend?

This course has been designed as an intense introduction for:

- Post-graduate students from a non-design based degree who are applying for entry into to design based degrees such as the Bachelor of Landscape Architecture Honours (BLA [Hons]) or the Master of Urban Design (MUD).
- Applicants to other spatial and design courses and degrees (City and Regional Planning, Civil Engineering etc.) who would like to learn skills that would help them make the most of their studies
- Professionals (including those mid / later career) who would like to develop skills in an area they have not been exposed to or may be required in their current work context
- Other practitioners, contractors or interested parties who interface with design professionals who would like to develop an understanding of a facet of built environment design through personal experience

Course Assessment

Complete attendance of the entire course and completion of each week's assignments will lead to the awarding of a certificate of completion. Where students are using the course as a prerequisite for entry into either the MLA or MUD, completion and the awarding of the certificate do not guarantee entry to these programmes.

Course Presenters



Albert van Jaarsveld is an architect educated at Cambridge University and currently working for SAOTA Architects in Cape Town. Albert also teaches part-time in the School of Architecture Planning and Geomatics at the University of Cape Town.



Dirk Smit is a landscape architect with industry and academic experience. He has also previously taught the Introduction to Spatial Design and Landscape Architecture course at University of Cape Town and Cape Peninsula University of Technology. He has taught both introductory and advanced computer applications in landscape architecture including AutoCAD, Adobe Suits, Sketchup, Revit and Civil3D. As well as teaching computers he has also secured a publication for his Dissertation in the ProLandscape magazine.

Course Overview

Name	Introduction to Spatial Design
Dates	25 Jan - 5 February 2021
Venue	TBC, Centlivres Building, Upper Campus
CPD points	This course is registered with ECSA and CiFA for the award of CPD points
Fees	Standard fee: R16000 Student fee: R12000*
Required equipment and stationery	Required stationery, drawing equipment, model building supplies and printing credits will be provided to course attendees and are included in the cost of the course. Please take note of additional covid-19 impacts below.
Covid-19 impacts	<p>Given current lockdown levels, this course has been given permission to be held on campus. As per regulations, course participants will be issued with a letter of invitation and must complete a daily health survey in order to access the campus. Once in the course venue, participants and lecturers will be required to wear masks at all times. Social distancing of work spaces and sanitisation procedures will be strictly enforced.</p> <p>If Health & Safety regulations change such that face-to-face delivery is not permitted, alternative arrangements will be made and this course may take place online. In this case, you will please need to have access to a computer or laptop for this course as well as a stable internet connection. Access to relevant software will be provided via remote access.</p>
Financial Assistance	Limited financial assistance may be available for BLA (Hons) and MUD students. To apply, please send a letter of motivation to ebe-cpd@uct.ac.za , before 30 November 2020

*Refers to students registered for 2021

Registration

Registration and Cancellation

- [Register for this course](#)
- Registration covers attendance of all sessions of the workshop and course materials. Please note teas and lunches are not included in the course fees. Campus catering facilities will be closed so students must please bring a packed lunch.
- Accommodation is not included in the cost of the course. Please note that UCT residences will not be open before 25 February 2021.
- **Registrations close on 30 November 2020.** Confirmation of acceptance will be sent on receipt of a registration form.
- **Cancellations must be received in writing by 30 November 2020. The full course fee will be charged if you have not cancelled your registration and do not arrive for the course.**
- For more information on application and registration procedures, please visit our website: www.cpd.uct.ac.za

Certificates and CPD Points

Complete attendance of the entire course and completion of the full set of assignments will lead to the awarding of a certificate of completion. Where students are using the course as a prerequisite for entry into either the BLA (Hons) or MUD, completion and the awarding of the certificate does not guarantee entry to these programmes.

The course is registered with the Engineering Council of South Africa and the Cape Institute for Architecture, and is accredited for the award of CPD points, which are required for continuing professional registration. The ECSA course code is UCTISD21

CPD participants can also request a formal university transcript, which will show this course as part of a Professional Development Career.

Contact details

For more information or details on CPD courses, visit our website or contact us.

Web: <http://www.cpd.uct.ac.za>

E-mail: ebe-cpd@uct.ac.za

Physical address

CPD Programme
Room 6.10, 6th Floor
New Engineering Building
Upper Campus
University of Cape Town
South Africa

Postal address

CPD Programme
EBE Faculty
University of Cape Town
Private Bag X3
Rondebosch 7701
South Africa

Programme administrators

Gillian Williams: +27 (0)21 650 7239
Sandra Jemaar: +27 (0)21 650 5793
Heidi Tait: +27 (0)21 650 4922
