

MSC - COMPLEX 01

ARCHITECT MSC-KOMPLEX2 DESIGN

DESCRIPTION

LEAD TEACHER	Anthony Gall Phd	
STAFF	Anthony Gall + faculty	
DESCRIPTION	Complex Design 1 is the first component of the MSC Complex programme comprising two semesters. The aim is a complex understanding of the design process. In the studio smaller public buildings, industrial functions and multi-unit residential functions are prepared by the students. The student must study the social, historical and urban context. Analytic design methodology needs to be understood and practiced to create a single unity. Consultation must be undertaken with parallel disciplines - e.g. services, structural engineers. The student will practice the stages necessary to produce planning permission documentation. The semester is divided into three parts by two intermediate presentations of the design. During the first presentation the students present their studies of the site and the design program as well as the initial design concept. During the second stage the students produce a preliminary design, which is presented at the end of stage 2. Once the preliminary design has been approved by the jury, the student will complete a planning permission level documentation in the third stage. The student will also prepare structural or HVAC details of the project also according to the instructor's directions	
TUTORIALS /STUDIO PARTICIPATION	10 HRS/WK. Students are expected to work a minimum of 10 hr/week in the studio, with weekly consultation with tutors.	10- credits
EXAMINATION:	No exam. The final project must be presented to a jury.	

EDUCATIONAL AIMS:

- AN UNDERSTANDING OF THE COMPLEXITY OF THE DESIGN PROCESS
- Development of the design considering the brief and the site, making appropriate decisions during design development.
- Understanding of the interrelationship between community-social and economic considerations and implementation during the design process.
- Development of communication skills for presenting the completed design.
- Preparation for the MSc diploma.

REQUIREMENTS:

- Attendance and participation in the design studio (weekly 10 hours)
- The semester consists of consultation, studio work and presentations. The student will keep a register/diary documenting participation in consultations, signed by the teacher.
- Tasks should be completed by the deadline (compulsory).
- Presentation of a design stage is only possible if the previous stage has been accepted and approved.

SCHEDULE:

WEEK	EVENT	
1	Site visit, site evaluation	
2	Studio / Consultation*	
3	Studio / Consultation *	
4	Presentation of Concept Design I and Site Analysis (1:500 design + model)	
5	Studio / Consultation*	
6	Studio / Consultation*	
7	Studio / Consultation*	
8	Studio / Consultation*	

9	Presentation of Concept Design II (1:200 design + model)	
10	Studio / Consultation*	
11	Studio / Consultation*	
12	Studio / Consultation*	
13	Hand-in of Planning permission Design III (1:100 design + model)	
13+1	Presentation of Planning permission Design III (1:100 design + model)	

*Students develop and present the design according to the directions of the Teacher in a studio context. Tasks are given specifically related to the student's design to assist in the development of the student's understanding of the design task and the necessary methodology.

ASSESSMENT

It is a requirement to receive a minimum of "satisfactory" at each intermediate presentation to complete the semester.

The semester grade is based on the assessment of the final project, participation in studio and consultation, and satisfactory completion of intermediate tasks.

0-60 pont	61-70 pont	71-80 pont	81-90 pont	91-100 pont
1 - UNSATISFACTORY	2 - SATISFACTORY	3 - AVERAGE	4 - GOOD	5 - EXCELLENT

MSC - COMPLEX 02

ARCHITECT MSC-KOMPLEX2 DESIGN

DESCRIPTION

LEAD TEACHER	Anthony Gall Phd	
STAFF	Anthony Gall + faculty	
DESCRIPTION	<p>The aim of the subject is the design of a medium scale building at Complex level. During the design process intellectual and creative activity must be co-ordinated. Students develop the project completed at Planning Permission level in the Complex 1 subject. Complex 1 emphasizes the preparatory stages and proposes possible interrelationships between concepts and ideas. Complex 2 emphasizes the development and construction-orientated development of a solution - that is the student should be capable of realising their ideas at the most modern and contemporary technical level. Complexity can be understood as meaning that research and development are practiced in parallel with design: Experimentation and Innovation. Connection of Form and Structure. Renewable and Sustainable systems.</p> <p>The semester is divided into three sections by two presentations. In the first presentation the student also presents the findings of their research on material and structure, including a concept for the technical solution of their design. The approved concept is developed to 1:50 scale level for the second presentation. The final presentation includes detailed solutions for the structural and other systems of the building as defined by the teachers during studio instruction.</p>	
TUTORIALS /STUDIO PARTICIPATION	10 HRS/WK. Students are expected to work a minimum of 10 hr/week in the studio, with weekly consultation with tutors.	10- credits
EXAMINATION:	No exam. The final project must be presented to a jury.	

EDUCATIONAL AIMS:

- AN UNDERSTANDING OF THE COMPLEXITY OF THE DESIGN PROCESS
- Development of the design considering the brief and the site, making appropriate decisions during design development.
- Creation of a complex design following appropriate procedure, presentation of each stage of development.
- Understanding of the interrelationship between community-social and economic considerations and implementation during the design process.
- Development of communication skills for presenting the completed design.
- Preparation for the MSc diploma.

REQUIREMENTS:

- Attendance and participation in the design studio (weekly 10 hours)
- The semester consists of consultation, studio work and presentations. The student will keep a register/diary documenting participation in consultations, signed by the teacher.
- Tasks should be completed by the deadline (compulsory).
- Presentation of a design stage is only possible if the previous stage has been accepted and approved.

SCHEDULE:

WEEK	EVENT	
1	Assessment of concept design from previous semester, allocation of design task	
2	Studio / Consultation*	
3	Studio / Consultation*	
4	Presentation of Complex Concept and Analysis (M 1:100 design + model)	
5	Studio / Consultation*	
6	Studio / Consultation*	

7	Studio / Consultation*	
8	Studio / Consultation*	
9	Presentation of 1:50 scale Design (M 1:50 design + model)	
10	Studio / Consultation*	
11	Studio / Consultation*	
12	Studio / Consultation*	
13	Hand-in of Complex design (1:100, M=1:50, M=1:20, details)	
13+1	Presentation of Complex design (1:100, M=1:50, M=1:20, details)	

*Students develop and present the design according to the directions of the Teacher in a studio context. Tasks are given specifically related to the student's design to assist in the development of the student's understanding of the design task and the necessary methodology.

ASSESSMENT

It is a requirement to receive a minimum of "satisfactory" at each intermediate presentation to complete the semester.

The semester grade is based on the assessment of the final project, participation in studio and consultation, and satisfactory completion of intermediate tasks.

0-60 pont	61-70 pont	71-80 pont	81-90 pont	91-100 pont
1- UNSATISFACTORY	2 - SATISFACTORY	3 - AVERAGE	4 - GOOD	5 - EXCELLENT