

## Course Information Package

PLANNING FORM FOR AN EDUCATIONAL MODULE  
(to be completed by the teacher)

Programme of Studies:	<b><i>BA in Interior Design</i></b>
Name of the module:	<i>IND122 Architectural Drawing I</i>
Target group:	<b><i>Interior Design students</i></b>
Level of the unit:	<b><i>BA – 2<sup>nd</sup> Semester</i></b>
Entrance requirements:	<i>AIND101</i>
Number of ECTS credits:	<b><i>5 (Average student working time: 125 hours)</i></b>

Competences to be developed:	
1	To enable students' understand the techniques of drawing and the use of scale.
2	To develop students' ability to measure and transfer, to scale existing or imaginative objects
3	To facilitate students to read and understand drawings prepared by architects and engineers
4	To explore different techniques of technical drawing in order to project plans, sections, elevations, one-point perspective and axonometric
5	To familiarize with basic building structures and architectural interiors to recognize and apply in technical drawing terms, different elements e.g. floors, walls, roofs, doors, windows etc

Estimated student's work time distribution in hours:			
Conduct hours		Student's private time	
Lecture	13	Project work	22
Studio Work	26	Experimentation	10
Final Critique	3	Research	7
Interim Critiques	3	Interim Critiques Preparation	12
Final Assessments	3	Final Critique Preparation	9
		Use of External Resources	18
		Tutorials	24
Total:	48	Total:	102

Learning outcomes	Educational activities	Estimated student's work time in hours	Continuous Assessment based on Project work	
<p>WEEK 1: Introduction to Architectural Drawing Project. Discussion on the conventions of architectural drawing as an integral part of the design process. A more complex application of the graphic conventions and basic architectural concepts (scale, space and use).</p> <ul style="list-style-type: none"> <li>- Scale.</li> <li>- Orthogonal Projection.</li> <li>- 90 degree projection of a point on a plane.</li> <li>- 90 degree projection of a line on a plane.</li> <li>- 90 degree projection of a surface on a plane.</li> <li>- Projection Planes.</li> </ul>	Lecture Attendance	1	<b>Design Intelligence – 40%</b>	
	Studio Work	2		
	Project work/ Experimentation/Research	3		
		Interim Critique Preparation	0	<b>Research and Methodology – 20%</b>
		Final Critique Preparation	0	
		Tutorial	0	
<p>WEEK 2: Model making based on given specific requirements.</p> <ul style="list-style-type: none"> <li>- Projection of an object on a vertical projection plane – FRONT VIEW.</li> <li>- Projection of an object onto the horizontal projection plane – TOP VIEW.</li> <li>- Projection of an object onto the side projection plane - SIDE VIEW.</li> <li>- Projection of an object onto 3 projection planes.</li> <li>- The layout and positioning of the planes and views onto the drawing board, paper.</li> <li>- Orthogonal Projection of a point.</li> <li>- Orthogonal projection of a line.</li> <li>- Orthogonal projection of a 60 degree angled line.</li> </ul>	Lecture Attendance	1	<b>Experimentation and Analysis – 20%</b>	
	Studio Work	2		
	Project work/ Experimentation/Research	3		
		Interim Critique Preparation	1	<b>Time management and Presentation – 20%</b>
		Final Critique Preparation	0	
		Tutorial	2	
<p>WEEK 3: 2D drawing exploration. Floor plan of the model.</p> <ul style="list-style-type: none"> <li>- Orthogonal projection of a rectangular surface.</li> <li>- Orthogonal projection of a 30 degree angled rectangular surface.</li> <li>- Orthogonal projection of solid objects.</li> <li>- Orthogonal projection of a solid rectangular.</li> <li>- Orthogonal projection of a solid wedge with a rectangular base.</li> <li>- Orthogonal Projection of a cylinder.</li> <li>- Orthogonal projection of hexagonal prism.</li> </ul>	Lecture Attendance	1		
	Studio Work	2		
	Project work/ Experimentation/Research	3		
	Interim Critique Preparation	1		
	Final Critique Preparation	0		
	Tutorial	2		
<p>WEEK 4: Continuation of drawing exploration. Elevations drawings.</p> <ul style="list-style-type: none"> <li>- Orthogonal projection of pentagonal prism.</li> <li>- Orthogonal projection of a hexagonal</li> </ul>	Lecture Attendance	1		
	Studio Work	1		
	Project work/ Experimentation/Research	3		

pyramid. - Orthogonal projection of a cone . - Orthogonal projection of a 30 degree angled solid rectangular parallelogram.	Interim Critique Preparation	1
	Final Critique Preparation	0
	Tutorial	2
WEEK 5: Continuation of drawing exploration. Sections drawings.  - Orthogonal projection of an angled hexagonal prism. - Orthogonal projection of an angled hexagonal pyramid. - Orthogonal projection of an angled cone.	Lecture Attendance	1
	Studio Work	2
	Project work/ Experimentation/Research	3
	Interim Critique Preparation	1
	Final Critique Preparation	0
	Tutorial	2
Sub-Total:		-

Learning outcomes	Educational activities	Estimated student's work time in hours	Assessment
WEEK 6: Workshop in 3D drawing conventions through a series of small exercises.  Exercises in class.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
WEEK 7: Translate and explore the model in 3D drawings. Axonometric views (exterior).  Exercises in class.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
WEEK 8: Translate and explore the model in 3D drawings. Axonometric views (interior).  <b>DEADLINE exercise in class to be marked.</b>	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
WEEK 9: Workshop in 3D drawing concentrating on perspective drawing techniques.  Sections Theory.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
	Sub-Total:	21	

Learning outcomes	Educational activities	Estimated student's work time in hours	Assessment
WEEK 10: Translate and explore the model in 3D drawings. One point perspective. Sections Theory.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
WEEK 11: Translate and explore the model in 3D drawings. Two point perspective. Exercises in class.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	2	
WEEK 12: Further development of the designed space through the introduction of functionality and use concepts (e.g. furniture). <b>DEADLINE exercise in class to be marked.</b>	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	3	
	Tutorial	2	
WEEK 13: <b>Final presentation of the project. Discussion and findings.</b> Group and 1:1 tutorials / Preparation for assessments.	Lecture Attendance	1	
	Studio Work	2	
	Project work/Experimentation/ Research.	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	3	
	Tutorial	2	
	Sub-Total:	102	
<b>Use of Resources:</b>		0	
Library	Literature search, research	4	
Hi End Lab	Printing, scanning, Editing	4	
General IT labs	General use, Internet use	4	

Workshops	General use according to project work	6	
Print Resources	Printing, scanning, Editing	-	
Sub-Total:		16	

## PART B: Complementary Material

### Course Content (Syllabus):

The course work will be based on drawing exercises starting with elementary shapes volumes and objects, and then continuing to interior spaces where you will apply your technical skills.

This subject will be an introduction to the materials and methods of architectural drafting which are central to the preparation of a wide variety of drawings depicting interior design spaces.

Also you will familiarise with basic building structures and architectural interiors to recognise and apply in technical drawing terms, different elements e.g. \_doors, walls, roofs, doors, windows etc.

Furthermore an introduction to different design/drawing tools such as pens, pencils, parallel, set squares, curves etc.

**Studio Work:** Studio work is carried out involving the whole group and takes place within the whole spectrum of the duration of the course as this is allocated on the weekly schedule. Studio work also includes interim and final critiques.

### Teaching Methodology:

Extended project briefings.  
 Visualising skills workshops.  
 Demonstrations and discussions on critical parts of the subject.  
 Exercises.  
 Illustrated lectures.  
 Group critiques.  
 Student centred practical work.  
 Personal research, realization and manipulation in project work.

### Language of Instruction:

English

Assessment Type		Weights
Interim Critique	Visual and oral presentation of sketchbook and concept/idea.	33%

Final Critique	Final presentation of the project.	33%
Final Assessments	Final presentation of the project.	34%
	<b>TOTAL</b>	<b>100%</b>

**Note:** The assessment criteria for Interim/Final Critiques and the Final Assessment are: Design Intelligence 40%, Research and Methodology 20%, Experimentation and Analysis 20%, Time management and Presentation 20%.

#### **Bibliography:**

1. Architects' Data, By Ernst Neufert and Peter Neufert, ISBN13 9781405192538.
2. Human Dimension And Interior Space, By Martin Zelnik and Julius Panero, ISBN13 9780823072712.
3. Architectural Drawing : A Visual Compendium of Types and Methods, by Rendow Yee ISBN13 9781118012871.
4. Architectural Drawing Course : Tools and Techniques for 2D and 3D Representation, by Mo Zell, ISBN13 9780764138140.
5. Basics Interior Architecture 03: Drawing Out the Interior, by Ro Spankie, ISBN13 9782940373888.

#### **References:**

Visual contemporary references in the form of online magazines [www.dezeen.com](http://www.dezeen.com), [www.designboom.com](http://www.designboom.com), [www.yatzer.com](http://www.yatzer.com), [www.dexigner.com](http://www.dexigner.com), [www.mocoloco.com](http://www.mocoloco.com)