

**PART A: Student Workload Analysis**

Programme of Studies:	<b><i>BA in Interior Design</i></b>	
Name of the Course:	<b><i>IND422 – Advanced Design Applications</i></b>	
Target group and type:	<b><i>Interior Design students</i></b>	
Level of the unit:	<b><i>BA –8<sup>th</sup> Semester</i></b>	<b><i>Advanced</i></b>
Entrance requirements:	<b><i>IND321</i></b>	
Number of ECTS credits:	<b><i>6 (Average student working time: 150 hours)</i></b>	

<b>Competences to be developed:</b>		<b>Program Competences</b>
1	To deal with advanced and more complex problems into the designing of collapsible and expandable three-dimensional forms and structures through the harmonious integration between the natural elements such as curves, textures, materials and the application of design in Micro-architecture and Micro-Design	A2, A4, B1
2	To employ new forms and innovative materials through the introduction to methods of studying and presenting design solution to problems that involve three-dimensional spaces, forms and structures	C1, C5, A4
3	To distinguish the concept, innovation and material difference between various three-dimensional works viewed in objective terms and experiment with new and advanced materials	A1, B1, C5
4	To support their specific concepts and shelter design proposals through the acquired advanced sense of scaling volume and the ability to perceive and visualize solutions in three-dimensional context	A2, A9, C4
5	To achieve/develop a critical and professional understanding for the methods and advanced material use of model and three-dimensional construction as well as the presentation and analysis of the functional aspects of the final outcome	A1, A4, C8

<b>Estimated student's work time distribution in hours:</b>			
<b>Contact hours</b>		<b>Student's private time</b>	
Lecture	17	Project work	24
Studio Work	22	Experimentation	21
Final Critique	3	Research	12
Interim Critiques	3	Interim Critiques Preparation	9
		Final Critique Preparation	9
		Use of external resources	18
		Tutorial	12

Total:	45	Total:	105
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Learning outcomes	Educational activities	Estimated student's work time in hours	Assessment
<b>Students should be able to:</b>			
<b>Introduction to basic notions – Curating and Design</b>			
<ul style="list-style-type: none"> <li>• Be introduced to the Course.</li> <li>• Identify and explain the importance of international mobility and transition culture.</li> <li>• Appreciate the notion of freedom of expression and of space.</li> <li>• Explore the idea of healthy living.</li> <li>• Be introduced to the Collapsible Mobile Unit Project with written and verbal briefing.</li> </ul>	Lecture Attendance	2	<ul style="list-style-type: none"> <li>• The Collapsible Mobile Unit Project</li> </ul>
	Studio Work	1	
	Project Work/Experimentation/ Research/Resources	2	
	Interim Critique Preparation	0	
	Final Critique Preparation	0	
	Tutorial	0	
<ul style="list-style-type: none"> <li>• Comprehend Micro-Architecture and Macro-Design in relation to mobility and alternative lifestyle, free from constraints and habits. Notions of expandable and collapsible spaces.</li> </ul>	Lecture Attendance	2	
	Studio Work	1	
	Project Work/Experimentation/ Research/Resources	2	
	Interim Critique Preparation	0	
	Final Critique Preparation	0	
	Tutorial	0	
<ul style="list-style-type: none"> <li>• Explore alternative design projects that provide protection and survival for the socially marginalized.</li> <li>• Engage in analysis and observations.</li> </ul>	Lecture Attendance	2	
	Studio Work	1	
	Project Work/Experimentation / Research / Resources	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	

	Tutorial	1	
<ul style="list-style-type: none"> <li>• Explore alternative design projects that provide privacy and experience.</li> <li>• Engage in analysis and observations.</li> </ul>	Lecture Attendance	2	
	Studio Work	1	
	Project Work/Experimentation / Research / Resources	3	
	Interim Critique Preparation	1	
	Final Critique Preparation	0	
	Tutorial	1	
<b>Research in Art and Design:</b>			<ul style="list-style-type: none"> <li>• The Collapsible Mobile Unit Project</li> </ul>
<ul style="list-style-type: none"> <li>• Present of research findings and ideas regarding students' personal proposals for the mobile smoking booth.</li> <li>• Develop Prototype need and making through analysis.</li> </ul>	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	5	
	Interim Critique Preparation	2	
	Final Critique Preparation	0	
	Tutorial	1	
<ul style="list-style-type: none"> <li>• Comprehend the importance of new materials and mechanisms focusing on properties, innovations and applications.</li> <li>• Continue research.</li> </ul>	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	5	
	Interim Critique Preparation	2	
	Final Critique Preparation	0	
	Tutorial	1	
<ul style="list-style-type: none"> <li>• Experiment with new materials focusing on production and possible uses. Transportation of units research.</li> <li>• Continue research.</li> </ul>	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	7	
	Interim Critique Preparation	3	
	Final Critique Preparation	1	
	Tutorial	1	
<b>Report Writing:</b>			<ul style="list-style-type: none"> <li>• The Collapsible</li> </ul>

<ul style="list-style-type: none"> <li>•Present material research and ideas regarding personal proposals for the Collapsible – Mobile Unit and engage in discussion.</li> </ul>	Lecture Attendance	1	Mobile Unit Project
	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	1	
	Tutorial	1	
<ul style="list-style-type: none"> <li>• Present the 2d/3d construction drawings of the final design.</li> <li>• Finalize the project and engage in discussion.</li> </ul>	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	1	
	Tutorial	1	
Continue the prototype making and 2d/3d construction drawings of the final design.	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	1	
	Tutorial	1	
<b>The Collapsible Mobile Unit -Closure</b>			
<ul style="list-style-type: none"> <li>• Discuss and develop promotional and photographic design presentation methods regarding final designs through analysis.</li> </ul>	Lecture Attendance	1	• The Collapsible Mobile Unit Project
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	1	

	Tutorial	1	
• Present final promotional proposals and experimentation.	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	2	
	Tutorial	1	
• Present final project. • Engage in a group dialogue including discussion, re-examination and re-evaluation of the creative process.	Lecture Attendance	1	
	Studio Work	2	
	Project Work/Experimentation/ Research/Resources	8	
	Interim Critique Preparation	0	
	Final Critique Preparation	2	
	Tutorial	2	
	<b>Sub-Total:</b>	<b>144</b>	

Assessment Contact Hours	Hours
Interim Critique	3
Final Critique	3
<b>Total:</b>	<b>6</b>

## PART B: Complementary Material

### Course Content (Syllabus):

Introduction to methods of studying and presenting design concepts in three-dimensional form. Students concentrate on design solution to problems that involve making three-dimensional structures. Discussions about methods and materials will include everything from fibreglass to hubcaps; whatever conveys the designer. Exploration in advanced materials and methods of model construction.

### Teaching Methodology:

The course is based on:

- Practical workshops
- Exercises
- Illustrated lectures, demonstrations and discussions on critical parts of the subject
- Student centred practical work
- Personal research
- Realization and manipulation in project work
- Practical work in a professional environment (museum & gallery)

### Language of instruction:

English

Assessment Type		Weights
Interim Critique	The Collapsible Mobile Unit Project	50%
Final Critique	Collapsible Mobile Unit Project	50%
	<b>TOTAL</b>	<b>100%</b>

**Note:** The assessment weights for Interim/Final Critiques and the Final Assessment are: Ability to comprehend and use basic concepts and meanings – Design Intelligence 40%, Research and Methodology 20% - Experimentation and Analysis 20%, Time management and presentation 20%.

### Bibliography:

#### References:

1. Asquith Lindsay (Ed.), *Vernacular Architecture in the Twenty-First Century -Theory, Education and Practice*, London, New York, Taylor & Francis, 2006.
2. Siegal, Jennifer (Ed.), *More Mobile, Portable Architecture for Today*, Princeton, Princeton Architectural Press, 2008.
3. Kronenburg, Robert, *Portable Architecture, Design and Technology*, Zurich, Birkhäuser, 2008

4. Richardson Phyllis, *XS Future: New Ideas, Small Structures*, New York, Universe Publishing, 2009
5. Richardson Phyllis, *XS Green: Big Ideas Small Buildings*, London, Thames & Hudson, 2007.
6. Richard Horden, *Micro-Architecture: Lightweight, Mobile and Ecological Buildings for the Future*, London, Thames & Hudson, 2008.