

Analytical Drawing II Semester: 2 (Spring) Stage: 1 Number of Credits: 4 semester credits/6 quarter units	
Prerequisites	Analytical Drawing I, Project Work I-Visual Studies, Communication Studies I, Architectural Drawing I
Assessment weighting	100% continuous assessment
Element	Drawing
Supports stage learning outcomes	<ul style="list-style-type: none"> • Recognise conceptual, contextual, ethical and material considerations in design. • Apply basic skills to express and to communicate concepts, ideas and proposals in terms of drawing - freehand sketching, architectural drawings - and to understand and operate basic computer systems and packages. • Analyse briefs and actively participate in group or individual projects work

Module aims	<p>The primary aims of the module are to:</p> <ul style="list-style-type: none"> • Develop in students a habit of sketching and modelling as a tool in their creative work and in the future professional life. • Advance students' competency and confidence in freehand drawing and other visual media • Consolidate students' understanding of form, geometry, proportion, scale, structure and function. <p>The secondary aims are to:</p> <ul style="list-style-type: none"> • Support the course and stage learning outcomes. • Prepare students for an integration of the knowledge gleaned from all other Semester I modules and to scaffold later Drawing, Design, Culture, Technology
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<p>Module learning outcomes:</p> <p>On completion of this subject students will be able to:</p> <ul style="list-style-type: none"> • Execute quick thumbnail sketches with pencil, pen, marker, brush and paper • Explain instantly by sketching and/or modeling their concepts and ideas • Apply sketching and modeling as a tool in their design process • Use appropriately and efficiently sketching and modeling skills balancing and complementing the CAD skills acquired during the later stages of the programme.

Syllabus:**Analytical Drawing and Painting (Series of exercises)**

Exploring the space, shape, form, proportion, geometry and colour
Still life drawing and colour work
Life drawing (animals and human)
Built-in environment drawings and colour work

Drawing from memory (Series of exercises)

"See and remember" essential visual information; geometry, proportions scale and colour
Reconstruction process from the memory based on visual information.

When freehand drawing is faster and more appropriate than CAD

"Drawing selective and essential elements"-Concept sketching and
Fast sketching - diagrams, instructions and site meeting explanations
Creating imagery using markers and other techniques

Portfolio and sketchbook

Maintenance of portfolio- size volume, order
Selection and representation of work
Maintenance of sketch book-typology, notes and sketching

Teaching/learning methodology:

The subject will be taught through formal lectures using examples of the standards required supported by demonstrations, interactive workshops, one to one tutoring and practical exercises. Assignments are set for class and home completion. They are an integral part of the teaching methodology. Students will be expected to maintain very regular contact with their assignment supervisor. The responsibility to arrange one-to-one tutorials rests with the student.

Method of assessment:

This methodology is based on the module learning outcomes. The module is assessed by continuous assessment. The formative assessments will take the form of observational sketching and visual presentations.

The summative assignment is conducted by means of portfolio/process-portfolio appraisal.

Recommended reading

Color Drawing	Doyle	John Wiley and Sons	1999
Basic Rendering: Effective Drawing for Designers, Artists and Illustrators	Gill	John Wiley and Sons	1991
Designer Primer: Graphics techniques	Porter & Goodman	Van Nostrand Rheinhold	1998
Surfaces Visual Research for artists, Architects and Designers	Juracek	W W Norton & Company Inc.	1996
Kandinsky's Teaching at the Bauhaus: Color Theory and	Poling, C.V.	Rizzoli	1987

Analytical Drawing			
The New Drawing on the Right Side of the Brain	Edwards, B.	J.P. Tarcher	1999
Designers Guide to Color	Stockton, J.	Chronicle Books	1984