

COURSE CONTENT

Course Code	DA5005 (DA9013)
Course Title	Drawing and Sketching for Design, Compositional Study and Space Construction
Pre-requisites	NIL
No of AUs	3
Contact Hours	39 hours studio contact

Course Aims

An intermediate level course that introduces students to drawing and sketching approaches as tools for exploring design concepts, compositional study and space construction. The course aims to improve students' ability in visualizing design patterns and space through theory and practice. It will enable you to develop skills that can be applied in more advanced Design projects.

Intended Learning Outcomes (ILO)

By the end of this course, students would be able to:

1. Analyse old master artworks in relation to figurative elements, design principles and various drawing elements and concepts.
2. Use figurative forms, design principles and drawing techniques in your projects.
3. Apply different techniques, space concepts and design elements for images.
4. Present, discuss and evaluate your own work in relation to design, composition and space construction in a clear and cohesive manner.
5. Contribute to learning related to drawing and design by participating positively to class discussion, critiques and activities.

Course Content

This course will extend the learning of students who use drawing and sketching as their tools for exploration in their areas of specialization. The course will therefore cover design concepts and advanced space study extensively, through introduction of various master drawing and sketching approaches, connected to different compositional needs.

Design Elements

- a revision of basic design elements taught in DN1002 and DN1001 for students to grasp advanced concepts of design. Basic design elements are: Shapes (patterns), Size, Space, Directional Pointers, Color and Tone (including textures)

Design Concepts

- an extension of basic design concepts studied in DN1001
- a study of the relationship between positive and negative patterns and their connection with design and space
- theoretical and practical understanding of Dominance/Unity/Harmony,

Contrast/Complementary/Balance and Transition/Gradation.

Drawing and Sketching Approaches related to Design (Tone, Space and Colors)

- Advanced Tonal Design for Atmosphere and Chiaroscuro and its connection with space
- Advanced Space Design with Mathematical and Aerial Perspective
- Flat Design with Colors and Shapes

Quick Study Approach with Sketching

- Exploring ink, watercolor and dried media as quick sketch media to be incorporated into the design training exercises.
- Concepts of construction of forms in quick sketch techniques
- On-location drawing of Architectural space and Landscape space with figures.

Class assignments

There will be 5 to 6 Class Exercises, which explore Drawing Techniques, Figure in Space Construction and Design Concepts. These topics will be developed through lectures, tutorials, class exercises and peer/instructor feedback sessions.

Assessment (includes both continuous and summative assessment)

Component	ILO Tested	Programme LO	Weighting	Team/ Individual
Continuous Assessment Weekly Exercises and/or Home Assignments	1,2,3,4	--	50	Individual
Final Project: Apply Drawing and Sketching techniques, and work with design concepts to construct figurative elements, space and figures in space.	1,2,3,4	--	30	Individual
Continuous Assessment: Participation	5	--	20	Individual
Total			100%	

Reading and References

1. Ng, Woon Lam. *A New Approach for The Teaching of Practical Colour Theory*. International Conference on Creative Industry 2015.
2. Webb, Frank. *The Artist's Guide to Composition: How to Design Eye-catching Paintings in All Mediums*, North Light Books, 1997.
3. Hong Nian, Zhang. *The Yin/Yang of Painting: A Contemporary Master Reveals the Secrets of Painting Found in Ancient Chinese Philosophy* Watson-Guption Publications 2000

Course Policies and Student Responsibilities

(1) General

You are expected to complete all assigned readings, activities, assignments, attend all classes punctually and complete all scheduled assignments by due dates. You are expected to take responsibility to follow up with assignments and course related announcements. You are expected to participate in all project critiques, class discussions and activities.

(2) Punctuality

You are expected to be punctual for all classes. If you are more than 30 minutes late, you may be deemed as absent and may not be able to sign on the attendance register.

(3) Absenteeism

In-class activities make up a significant portion of their course grade. Absence from class without a valid reason will affect their participation grade. Valid reasons include falling sick supported by a medical certificate and participation in NTU's approved activities supported by an excuse letter from the relevant bodies. There will be no make-up opportunities for in-class activities.

(4) Assignments

You are required to submit assignments on due dates.

Academic Integrity

Good academic work depends on honesty and ethical behaviour. The quality of their work as a student relies on adhering to the principles of academic integrity and to the NTU Honour Code, a set of values shared by the whole university community. Truth, Trust and Justice are at the core of NTU's shared values.

As a student, it is important that students recognize their responsibilities in understanding and applying the principles of academic integrity in all the work students do at NTU. Not knowing what is involved in maintaining academic integrity does not excuse academic dishonesty. Students need to actively equip themselves with strategies to avoid all forms of academic dishonesty, including plagiarism, academic fraud, collusion and cheating. If students are uncertain of the definitions of any of these terms, they should go to the [academic integrity website](#) for more information. Consult their instructor(s) if students need any clarification about the requirements of academic integrity in the course.

Planned Weekly Schedule*

Week	Topics	ILO	Reading / Activities
1-3	Revision of Design Elements: <ul style="list-style-type: none">- Various design elements, their relationship to space	1,2,3,4,5	Reference artists for space design: Compare artists between Renaissance,

	<p>construction and how to combine them in application</p> <ul style="list-style-type: none"> - Attributes of color in applications - Tonal Design and Atmospheres - Understanding of Texture and basic optical concepts of color application 		<p>Classicism, Baroque, Romanticism, Impressionism, Post-Impressionism and Modern.</p> <p>Reference artists for Chiaroscuro / Tonal Design: Rembrandt, Caravaggio, Vermeer, Menzel, Sargent, Zorn, Homer and Andrew Wyeth.</p> <p>Reference artists for Textures: Dutch still life painters during Renaissance.</p> <p>Space construction: Artists to look at: Tiepolo, Michelangelo, Da Vinci, Bellini, Rembrandt, Caravaggio, Vermeer, Canaletto, Chardin, Nicholas Poussin, Ingres, Bruegel, Andrew Wyeth, Sargent, Sorolla, Anders Zorn, Adolf Menzel, 范宽 (Fan Kuan), 李成(Li Cheng), 黄胄(Huang Zhou), 李可染 (Li Ke Ran)</p> <p>Class Exercises and Sketchbook as learning journals</p>
4-7	<p>Design Concepts:</p> <ul style="list-style-type: none"> - Revision of basic design concepts: Dominance/Unity/Harmony, Contrast/Complementary/Balance and Transition/Gradation <p>Advanced Design Concept discussion: The Yin-Yang of picture plane design</p>	1,2,3,4,5	<p>Reading: The Yin/Yang of Painting, Chinese Landscape Painting design concept, Japanese prints and Impressionist / Post-Impressionist space design</p> <p>Class Exercises and Sketchbook as learning journals</p>
8-10	<p>Space Design:</p> <ul style="list-style-type: none"> - Space and Shape Relationship - Space and Color Relationship - Plasticity of Visual Space 	2,4,5	<p>Book: Ng Woon Lam, <i>Practical Applications of Color Theory & Design Concepts</i></p> <p>Class Exercises and Sketchbook as learning journal</p>

			Artists to look at: Tiepolo, Michelangelo, Da Vinci, Bernini, Rembrandt, Caravaggio, Rubens Vermeer, Chardin, Nicholas Poussin, Ingres, Bruegel, Andrew Wyeth, Sargent, Sorolla, Anders Zorn, Adolf Menzel, Matisse, Vuillard, Van Gogh.
11-13	<p>Final Assignment that require each student to combine all the above knowledge learnt</p> <ul style="list-style-type: none"> - Advanced Figures in Space - Presenting Concept of Space Abstraction through colors and shapes - Constructing multiple figures in space at different depth of field 	1,2,3,4,5	<p>Research to be carried out based on each student's pre-defined concept of creation.</p> <ul style="list-style-type: none"> - Research - Studies - Final Artworks