

TINT 101 . 111 BASICS OF DESIGN . Transition from Two-Dimensional Composition to Three-Dimensional Form

Course Hours: TINT 101 DAYS, TUESDAYS 09.00-17:00 + FRIDAYS 09:00-12:00
TINT 111 DAYS, WEDNESDAYS 13:00-17.00

Instructors:

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(For Any Questions or Reasons)

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(F403 - Office Hours: Wednesdays 10:00-11:00)

*<https://lms.tedu.edu.tr/course/view.php?id=7547>

Project Theme:

This project focuses on the creation of three-dimensional forms through the bending of five surfaces, using an orthographic referencing system derived from photographs. The project explores how point, line, and planar elements in two-dimensional (2D) compositions can be transformed into volumetric forms in three-dimensional (3D) space. In line with basic design principles, it examines how graphic elements on 2D surfaces can be interpreted and transformed into a 3D spatial structure.

Project Process:

First Phase: Photography and Analysis

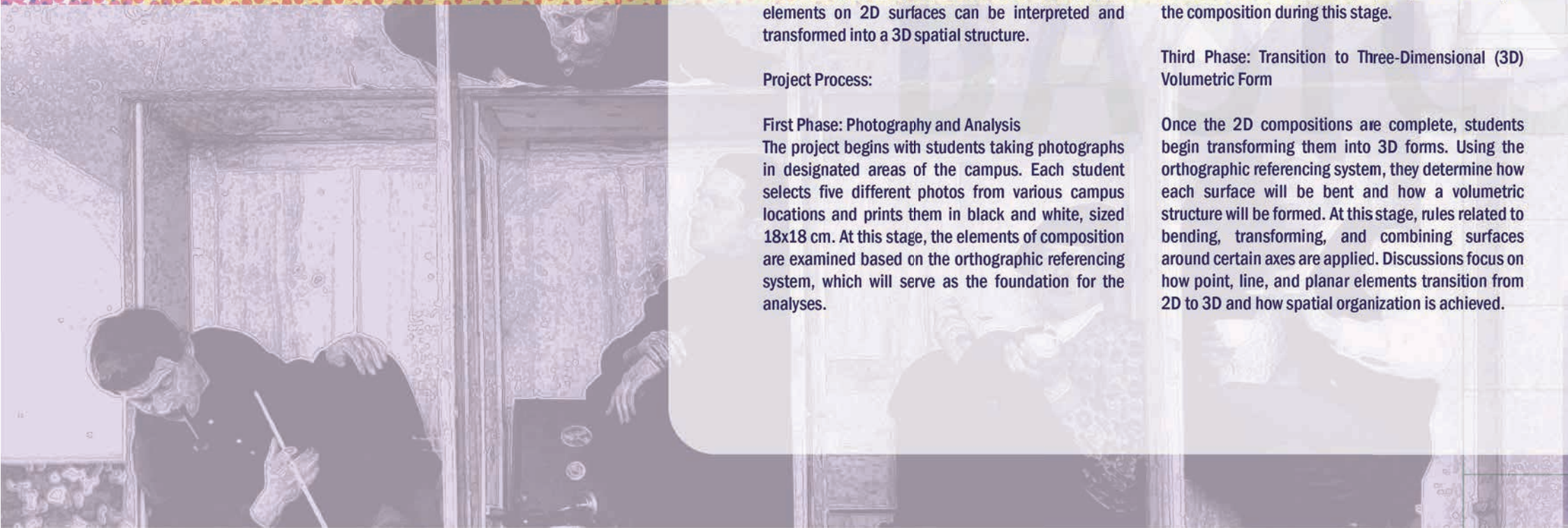
The project begins with students taking photographs in designated areas of the campus. Each student selects five different photos from various campus locations and prints them in black and white, sized 18x18 cm. At this stage, the elements of composition are examined based on the orthographic referencing system, which will serve as the foundation for the analyses.

Second Phase: Creating Two-Dimensional (2D) Composition

Students develop 2D compositions using visual elements derived from the photographs, incorporating points, lines, and planes. These compositions are shaped by basic design principles such as types of lines (continuous or dashed), point placements, and interactions between planar elements. Emphasis is placed on the visual balance, rhythm, and hierarchy of the composition during this stage.

Third Phase: Transition to Three-Dimensional (3D) Volumetric Form

Once the 2D compositions are complete, students begin transforming them into 3D forms. Using the orthographic referencing system, they determine how each surface will be bent and how a volumetric structure will be formed. At this stage, rules related to bending, transforming, and combining surfaces around certain axes are applied. Discussions focus on how point, line, and planar elements transition from 2D to 3D and how spatial organization is achieved.



important notes & evaluation

Fourth Phase

Critiques and Feedback

Students present their developed 3D models and receive feedback from their peers and instructors. This stage focuses on enhancing the design process through critical thinking and analysis. Based on the feedback, students revise their projects and improve their models.

Finally!

Final Presentation and Evaluation

In the final stage of the project, students prepare a presentation of their final 3D designs, including the insights gained throughout the process. The presentations cover the project theme, the design principles used, and the challenges and solutions encountered. This presentation allows students to develop a deeper understanding of the design process and apply their conceptual skills.

Generative Rules:

Points, lines, and planar elements must be present on the surface, and their use in the transition to 3D form must be pre-defined.

Points can be used as start and end points for lines or to indicate specific directional changes.

Lines can be continuous or dashed; a point may be placed at directional changes, or a continuous curve may be used for transitions.

Planar elements should be bended/folded or flat to create three-dimensional volumetric forms.

The three-dimensional form must be developed in accordance with orthographic projections and present a coherent composition when viewed from side, front, and top perspectives.

This project allows students to learn and apply basic design principles in the process of transforming two-dimensional compositions into three-dimensional forms. Throughout the project, students will enhance their visual perception, strengthen their critical thinking skills, and produce creative solutions.

1. The course syllabus is changed during the semester if necessary
2. Students are required to attend class and receive critiques in class.
3. The course's assessment strategies may vary, in which case new midterm exams, quizzes, oral exams, presentations, etc. may be taken into consideration.
4. It is the primary duty of students to provide a quiet environment in the classroom under all circumstances. It is very important to keep the environment clean and NOT TO DAMAGE TABLES AND FIXED ITEMS.

Grading 101 Included:

Mid Jury %20 +Mini Jury %10, Final Jury %30+Mini Jury %10, Weekly or Scheduled Moodle Assignments %10, In Class Critics %10, **Mini Jury %10 or if it is not nec. in class critics may be raised to %20

Grading 111 Included: Mid Term Exam %30, Final Exam %40, Weekly or Scheduled Moodle Assignments %30

In Class Requirements and Attendance

Attendance is mandatory all scheduled classes, field trips and critics. Studio is held on Tuesdays, Wednesdays and Fridays. Tuesdays and Fridays will be at 9:00 am. After 9:10 am you will be responsible for being late and marked as absent. Absences and acute diseases, a personal crisis (death of a family member) will be evaluated only within the scope of official excuses (hospital report etc.).

WEEK	STUDIO_101	TINT_111	STUDIO_101_ Mini Tasks and Workshops!	Additional Courses/Trips/Activities of the Week	Fundamental Reading of The Week
Week 1	24.09.2024	25.09.2024	27.09.2024		
	Hello TINT! Meeting, discussion about new semester.	In Class Workshop:One hour peer work, Visual Communication Course Intro	HW: Take 10 photographs from the campus. Print them out as black and white (27x27 cm)		
	Warm Up excersize, create your own name tag!.Form and Space Warm Up. Book of the week will be announced.	Purchase List (Without a guide, Imaginary Collages, Color Choices)	THEME: Linear Exploration . Introduction to Photography and Basic Design Principles; Creating a linear sketch of given photographs		"Ways of Seeing" by John Berger; "Random Yee," pg. 1-38
Week 2	1.10.2024	2.10.2024	4.10.2024		
		In Class Introduction to Technical Drawing (Manual),Line Exercises			"Principles of Two-Dimensional Design" by Wucius Wong
	HW Photographs Panel Session (10 images and 27x27 templates)	Primary Elements: Point, Line and Surface + Lettering Exercise and HW. : Manuel	THEME: Linear Exploration . Use of Lines and Shapes in Photography; Extract lines from given photographs and explore directions with the use of lines.		
		A Viusal Kinetics Workshop 1,5 Hour (One of the taken Photograph's should be printed in B&W)	HW: Re-take 10 photographs from the campus. Print them out as black and white (27x27 cm) +Random Yee pg 1- 38, Architectural Drawing		
Week 3	8.10.2024	9.10.2024	11.10.2024		
	PHOTOGRAPHIC Discussion HW: Reading Discussion	Primary Elements: Point, Line and Surface + Lettering Exercise and HW. : Manuel	THEME: Texture Exploration . Use of Lines and Shapes in Photography; Identify different textures in photographs, then reproduce these textures with various materials (paper, fabric).	Instructor Onur Kutluoğlu will be presenting basics of sketching; Location of the presentation will be announced.	"Principles of Two-Dimensional Design" by Wucius Wong
Week 4	15.10.2024	16.10.2024	18.10.2024		
		Introduction to Autocad; Basic Template Creation and Editing, Autocad Manupulation 27x27 cm Photographic Template	Reading Presentations: Form, Space, and Order" by Francis D.K. Ching	Assistant Profressor Duygu Tüntaş will be presenting basics of architectural photography; Location of the presentation will be announced.	"Design Drawing" by Francis D.K. Ching and Steven P. Juroszek
	HW Photographs Panel Session (10 images and 27x27 templates)	Architctural Collage, Idea, Technical Issue, Sketching - In Class Sketching Exercise HW: Sketching, Excersises	THEME: Positive and Negative Space in Photography; Identify negative areas from photographs. Collage work.		
Week 5	22.10.2024	23.10.2024	25.10.2024		
	HW Photographs Panel Session (10 images and 27x27 templates)	Ortographic Projection: Matching Exercise, Manuel	THEME: Rythm and Movement. Expressing Rhythm and Movement in Photography, analyzing rhythm or movement in photographs. Then create an abstract composition that repeats that movement.		"Form, Space, and Order" by Francis D.K. Ching
	In Class Exercise + Critics	Axonometric Drawing- Manuel HW: Axo+Ortho Weekend.			
Week 6	29.10.2024	30.10.2024	1.11.2024		
	October 29 Republic Day	Axonometric Drawing- Manuel HW: Axonometric drawing, multiple.	Review Photoshop & Illustrator Workshop		"Form, Space, and Order" by Francis D.K. Ching
Week 7	5.11.2024	6.11.2024	8.11.2024		
	MID JURY HW Photographs Panel Session (10 images and 27x27 templates) In Class Exercise (Mid Jury)	Color Theory, Pattern Design Samples HW: Pattern Task, Brief	THEME: Contrast and Emphasis, Examining the features in the photographs and producing two-dimensional compositions that strengthen the contrasts.		"The Elements of Graphic Design" by Alex W. White

Week 8	12.11.2024	13.11.2024	15.11.2024	
	Combining the photographs and compositions, 3 Planes Exercise	MID TERM EXAM	Sketch-up Presentation Begins	"The Elements of Graphic Design" by Alex W. White
	Studio Critics		HW. Thinking about your presentation in a 3D Composition Base	
Week 9	19.11.2024	20.11.2024	22.11.2024	
	3D Design Field		Sketch-up presentation Cont.	
	in-class critic	Pattern Task Critic		
Week 10	26.11.2024	27.11.2024	29.11.2024	
	3D Design Field	Pattern Positive/Negative 2.5 Implementation, Increased weight paperwork	in-class critics (Volume-Panel Critics)	"The Elements of Graphic Design" by Alex W. White
	in-class critics		IMPORTANT NOTE: Instead of commenting on each study individually, class discussions will be held on similar studies.	
Week 11	3.12.2024	4.12.2024	6.12.2024	
	MINI JURY Mini Jury (Variations)	Pattern Positive/Negative 2.5 Implementation, Relief HW: Sketch Up Version of Your Relief	IMPORTANT NOTE: Instead of commenting on each study individually, class discussions will be held on similar studies. in-class critics (Volume- Color Panel Critics)	"The Elements of Color" by Johannes Itten
Week 12	10.12.2024	11.12.2024	13.12.2024	
	3D Design Field	3D Design Field	Final presentations + Poster Implementations	Color Theory, Presentation "The Elements of Color" by Johannes Itten
	in-class critics (Volume)	in-class critics (Volume)	Critics	
	Color Critics		IMPORTANT NOTE: Instead of commenting on each study individually, class discussions will be held on similar studies.	
Week 13	17.12.2024	18.12.2024	20.12.2024	
	Final presentations + Poster Implementations Critics	Final presentations + Poster Implementations Critics	Final presentations + Poster Implementations Critics	"Geometry of Design: Studies in Proportion and Composition" by Kimberly Elam
	MINI JURY		IMPORTANT NOTE: Instead of commenting on each study individually, class discussions will be held on similar studies.	
Week 14	24.12.2024	25.12.2024	27.12.2024	
	Final presentations + Poster Implementations Critics	Final presentations + Poster Implementations Critics	Final presentations + Poster Implementations Critics	"Geometry of Design: Studies in Proportion and Composition" by Kimberly Elam
			IMPORTANT NOTE: Instead of commenting on each study individually, class discussions will be held on similar studies.	

DESIGN

T-Square Ruler (75 cm length recommended)

45 and 60 degree angled square ruler set

A3 Drawing Paper (200 gr per sheet, schoeller, canson etc.)

A3 File with sheet protector, A3 File with transparent 40 files

Drafting Pencils (Assorted Weight B HB 2B 3B 4B 2H 4H 6H)

Erasers

Cutting Knife and Cutting Board

Glue Stick, Liquid Glue (Please do not use any of SUPER BOND GLUE TYPE ie. Pattex and Aerosoles Subs.)

Wider Hand Brush to clean Eraser and other type of dust

Compasses

Sketch Book (Unlined Version A4, If you like you can use semi translucent paper and customize your sketch book)

Transparent Paper Roll (Aydinger), 33 cm x 20m

Ink Pen and Marker Types

Tack It

Camera or Phone Camera (Hig Resolution Needed)

Laptop

***Please download and setup AUTOCAD -Educational Version by downloading Free, Adobe Photoshop +Illustrator, Sketch Up.**

Going Through the Data and Analysing Process

Discussions and debates were fundamental about any kind of development. Through that, our main dialogue and discussions were operated according to data we have or we imagine. That is to say, it is important to gather the knowledge about TINT 101, TINT 111.

must have materials

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We wish you a successful
semester.

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