

	School of Planning and Architecture: Vijayawada (An institution of National Importance under the Ministry of Education, Govt. of India) Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India	
Department of Architecture		
Course:	ARC 111 Basic Design - I	Class: B.Arch 1st Year I-Semester 2026
Instructors:	Section A Prof. Dr. Srinivas D Ar. Komal Gilda Ar. Abhinav Bhole Section B Mr. Santhosh Kumar Ar. Divya Yadav Dr. Tanaya Paul	Internal Assessment: 50
		External Theory Exam: 50
Contact Periods/ week:	10 periods.(55 min each)	Total Marks: 100
Time Table:	Thursday and Friday (05 periods)	Credits: 5
Attendance:	Min 75%	
Min. Passing Marks:	50% each in Internal & External	
Objective: - To introduce to the students the fundamentals of design and development of design vocabulary, to nurture design thinking and to enable them to apply the same thought process in developing three-dimensional compositions. The studio also introduces drawings and models as tools for conceptualization, organization and furthering of design thought process. - This studio teaches the students to learn the basics of graphic design and three-dimensional composition. The studio also has a direct interface with the Graphic Design Studio and Architectural Workshop.		
Week	Lecture Plan	Remarks/Topic of Assignment
Week 1 20 th – 21 st Aug	Orientation Program and Introduction <i>Assignment 1: Students should create a collage on an A3 sheet using old magazines and books.</i> <i>Assignment 2: Designing and making a model (Best out of Waste) of useful object/product from useless (waste) similar to the concept of Socially useful product work (SUPW)</i>	Presentation, Lecture and Assignment (Class Work)
Week 2 27 th - 28 th Aug	Introduction to Elements of Design , Presentation and Group Discussion	Lecture and Student Activity Submission and marking of Assignments 1-2
Week 3 3 rd – 4 th Sep	Elements and Principles of Design <i>Assignment 3: Preparing a matrix with elements and principles as attributes.</i>	Presentation, Lecture and Student activity
Week 4 10 th – 11 th Sep	Lecture and discussion regarding study tour preparation. Presentation about the places and the relevant information needed to be known before the tour. Instructions and assignment brief about the study tour.	Presentation and Submission and marking of Assignment 3

Week 5 17 th - 18 th Sep	Study Tour	
Week 6 24 th – 25 th Sep	Introduction to Color: Color is one of the elements of Visual Art. Colours and textures enhance our visual experience-not only because of their obvious embellishment value, but also because of their spatio-plastic behaviour. They are known to effect human psyche. Colours and textures must also be matched well, with each other, and for maximum visual impact, with the form that they would together embellish. Lecture on basics of colour theory and its spatial behaviour and emotions. <i>Assignment 4: Color Wheel</i>	Presentation, Lecture and Student activity
Week 7 1 st – 2 nd Oct	Study Tour Presentation, Report and Drafting of Sheets	Submission of Study tour report and Assignment 4
Week 8 8 th – 9 th Oct	Introduction to external & internal forms, analytical appraisal of forms, their quality; Concept of space, inter-relationship between space, volume and order; Variations in forms with planer juxtapositions. <i>Assignment 5: Design a spatial composition from simple 2D shapes to 3D Forms</i>	Presentation, Lecture and Student activity
Week 9 15 th – 16 th Oct	Mid Term	
Week 10 22 nd – 23 rd Oct	Application of Scale and Proportion <i>Assignment 6: Students will be given a small everyday object and rebuild it at 5:1 scale, discovering that joints and materials do not enlarge as obediently as dimensions do.</i>	Presentation, Lecture and Student activity
Week 11 29 th – 30 th Oct	Abstraction: Development of concept-based design models to understand the relationship of concepts in design. <i>Assignment 7: Extracting the Idea: From Architectural Concept to Abstract Form</i>	Submission of Assignments 5-6
Week 12 5 th – 6 th Nov	Introduction to Anthropometry Exercises related to anthropometry to understand the basic concepts of anthropometry	Lecture and Student activity Submission of Assignment 7
Week 13 12 th - 13 th Nov	Introduction of Design brief: Rooms of a Residential Space <i>Assignment 8:</i> Each group will be assigned one room of a residence: bedroom, guest room, kitchen, toilet, dining, living, study or staircase. Design that room entirely from measured human dimensions rather than from standard plans or remembered layouts. Having established the dimensions of the assigned room, each group will design furniture or fittings for it. It must be the pieces the room cannot function without.	Lecture, Discussion and student work
Week 14 19 th – 20 th Nov	Continuation of design project and discussion with the faculties	Discussion
Week 15 26 th – 27 th Nov	Continuation of design project and discussion with the faculties and internal review of the design work	Discussion and Review Submission of Design assignment
Week 16 3 rd – 4 th Dec	Final internal review of all the assignments	

S. No.	Stages of Evaluation	Weightage
1	First Assignment: Assignments 1-5	15
2	Mid Term	10
3	Third Assignment: Assignments 6-8	25
	Total	50
References: 1. Broadbent, G. (1973). Design in Architecture - Architecture and Human Science. New York John Wiley and Sons. 2. Chauhan, P. (2005). Learning Basic Design. Mumbai : Rizvi College of Architecture. 3. Ching, F. D. K. (1997). Design Drawing. Hoboken : John Wiley & Sons. 4. Ching, F. D. K. (2012). Architecture: Form, Space and Order. 3rd Ed. Hoboken: John Wiley & Sons. 5. Roger, K. L. (1998). Architect? A Candid Guide to the Profession. Cambridge: The MIT Press. 6. Rasmussen, S. (1962). Experiencing Architecture. 2nd Rev. Ed. Cambridge: MIT Press.		
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