

**Lecture Plan**  
**Department of Planning, School of Planning and Architecture, Vijayawada**

<b>Name of Course:</b>	<b>Graphic Studio</b>
Programme & Sem:	<b>Bachelors of Planning (UG) Semester One</b>
Course Duration:	July 30 to Nov 14 , 2018
Course	Amuktha Meher, Assistant Professor, Dept. of Planning
Main Coordinator:	(amukthameher@spav.ac.in)
Course	Shweta Sharma, Assistant Professor , Dept. of Planning
Co-Coordinator	(shweta@spav.ac.in)
Number of Credits:	15
Total Periods/Week:	15(See Time Table for details)
Internal Assessment	250 (minimum pass marks 50%)
End Evaluation	250 (minimum pass marks 50%) – Written Exam.
Total Marks	500 (to be converted to CGPA credit pattern as per regulations)

**Brief:**

The structure of the studio enables students to understand about drawings, to accelerate the thought process on visualization and presentation in manual/digital format. It includes various exercises such as drafting of the fundamental elements - points, lines of various styles and intensities, geometric shapes and patterns using different drawing equipments/materials. Also, various symbolic illustrations of human beings, vehicles, landscapes, buildings; along with usage of suitable colour-coding, fonts and formats, which all together make it easy in preparing an aesthetical presentation as per the standards.

After comprehensive elucidation about the basics, students would be able to understand the principles of geometry by working on different shapes and forms. Also, the composition of solids and sketching - shall lead them to gain the knowledge about built space. Further, three dimensional (3D) modelling would educate them in developing viewpoints such as orthographic projections, isometric, and perspective views – one point and two point.

In addition, there would be a variety of exercises which could nurture students capabilities and self-confidence to take up further planning projects - Micro to macro. Thus, the exercises include various scales and it's proportions, measured drawing of a house, street mapping, street activity mapping with measurements, first-hand experience with the help of photography, sketching, understanding about land utilization and colour coding (Residential, Commercial, Industrial, Open space, Greenery, Public and semi-public, water bodies) .

The output of the studio would be in the form of portfolio submissions - sketching, photography, drawing, map preparation, physical models by model making and sheet presentations. As a result, above mentioned concepts would collectively guide them to build up a complete awareness of scale and proportions in drawings, which is essential in Planning profession.

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**Lecture Plan :**

<b>Week</b>	<b>Lecture / Session Topic (Teaching-Learning Objective aimed)</b>	<b>Session Mode (Optional)</b>	<b>Studio Exercise</b>
Week 1 (July 30-Agu 3)	Introduction to drawing equipment drawing boards/sheets, set squares, types of pencils, drawing penspaper -sizes, types, card boards,	Studio	Learning the Fundamental elements of drawing and usage of various materials
Week 2 (July 6-Aug 10)	T-square, pro circles, French curves, parallel squares, types of brushes, water colours, crayons;colour pencils.	Studio	Introduction to the drawing equipments and drafting using Drawing equipments.
Week 3 (Aug 13 - 15)	Principles of composition; points, lines - types of lines, line thicknesses, line styles and intensities;polygons;	Studio	Drafting Using Drawing Equipments, Sheet composition of creative patterns of different lines and circle
Week 3 - 4 (Aug 16-21)	Internal Assessment - I		
Week 4 (Aug - 22 - 24)	dimensioning, lettering, standard symbols, colour-coding, legend, drawing formats, colourwheel, types and mixing of colours, tints, tones, etc.; Representation of human figures, trees, hedges,vehicles, etc.	Studio	Manual sheet composition with drafted letter, legend and sheet presentation using the appropriate representation.
Week 5 (Aug 27-31)	Geometric patterns; Shapes and forms: Concept of positive and negative spaces; Principles of planargeometry, sections of solids; Simple and complex solids; Sketching of geometric built forms.	Studio	Introduction to the various Dimensions, Sections of different geometry
Week 6 (Sept 01-09)	Field Work for All Semesters		
Week 7 (Sept 10 - 14)	Free hand sketching, live sketching. Arial View. Street sketching, with various perspectives	Studio	Sketching of the street views visited during field works
Week 8 (Sept 17 - 21)	Preparing Location Map, Base Map of respective area	Studio and group exercise	Preparation of Maps of the study area from the primary and secondary data collected during field visit

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Week 9 (Sept 24 - 28)	Internal Assessment - II (Mid)		
Week 10 (Oct 1 - 5)	Projections: Orthographic, isometric, axonometric, oblique	Studio	Preparation of maps in various perspectives with the help of Geo Maps.
Week 11 (Oct 8 - 12)	Perspective views – one point, twopoint and three point.	Studio	Drafting different views of an object, building, Street.
Week 12 (Oct 15 - 19)	Dussehra Holidays		
Week 13 (Oct 22 - 26)	Scale (numeric and graphic) and proportion in drawings; Measured drawing:	Studio and group exercise	Digital Map preparation with appropriate scales. Measuring a residential building.
Week 14 (Oct 29- Nov02)	Internal Assessment - III		
Week 15 (Oct 05– Nov 09)	Site plan indicating the footprint of building, open spaces, roads and other related objects;	Studio	Site Plan preparation of the residential building/street with respect to the adjacent land-use
Week 16 (Nov 12 - 14)	Plans, elevations and sections.	Studio	Preparation of floor plan Elevations and sections of the residential building / Street.

**Note:**

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.