

AMID-25 INTERIOR DESIGN STUDIO - III

Course overview:

This course is intended to provide skills for designing interior spaces with emphasis on transformation and adaptive re-use as one of the important aspects in interior design.

Objectives of the course:

To develop creative conceptual visualization and the process of design. To understand accessibility and universal design issues.

Expected skills/ knowledge Transferred:

Use of standards, transformation of spaces for reuse and application of knowledge gained from other subjects, in design.

Course Contents:

The primary focus should be on –

- Introduction to building codes
- Way finding, Signage and graphics •
- Universal Design
- Accessible design •
- Design Disabled
- Materials, furniture and finish selections •
- Introduction to construction detailing
- Ergonomics and Human Factors
- Digital representation (3 D modeling) •
- Space planning process
- Color
- Interior environmental control issues Rendering
-

The list of suggested topics to be covered as design problems:

- Institutional spaces in urban, semi-urban and rural contexts with an aim to explore and understand transformation and adaptive re-use.
- Historic and abandoned sites provide scope for rejuvenation through multi dimensional programs covering functions like museums, cultural and resource centers, libraries, convention centers, exhibitions etc. that also aim in making a social contribution.
- Recreational spaces such as auditoriums, halls, cinema houses, stage design etc. Knowledge of

audio visual communication, color and light interaction, sound control system, design of interior elements, products and furniture forms.

Design issues in addition to the primary focus for the above are statement of institution character through interior environment responses to site and context, integration of interior architectural elements to other interior elements, dialogue between the existing and the newly added insert, interpretation of institutional activities and their spatial correlation.

Note: At least two major exercises and two minor design/time problems should be given.

In the end exam, which is a viva-voce the students have to present the entire semester work for assessment.

Reference Books:

Karlen Mark, Space planning Basics, Van Nostrand Reinhold, New York, 1992.
Joseph D Chiara, Julius Panero, & Martin Zelnick, Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001.
Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004. Julius Panero & Martin Zelnick, Human Dimension & Interior Space : A source book of Design Reference standards, Watson – Guptill, 1979.
Maureen Mitton, Interior Design Visual Presentation: A Guide to Graphics, Models, and Presentation Techniques. John Wiley and Sons, 2003
Mark.W. Lin, Drawing and Designing with Confidence: A step-by-step guide, Wiley and Sons, 1993.
Robert Rengel, Shaping Interior Space, Fairchild Books & Visuals, 2002 Neufert
Ernest, Architect's Data, Granada pub. Ltd. London, 2000.
Maryrose McGowan & Kelsey Kruse, Interior Graphic Standards, Wiley and sons, 2004.
Robert F. Erlandson, Universal and Accessible Design for Products, Services, and Processes, CRC; 1st edition, 2007.
Oliver Herwig & L. Bruce, Universal Design: Solutions for Barrier-free, Birkhäuser Basel; 1st edition, 2008