**Course Outline**

**"Construction Technologies in Interiors (1+1) B. Interior Architecture**

**Course Title: Construction Technologies in Interiors**

**Course Description:**

 This course covers the fundamental principles and methods of construction technologies used in interior spaces. Students will learn about various materials, systems, and techniques used in interior construction, including sustainable and accessibility considerations.

**CLO’s**

- Understand the basic principles of construction technologies in interior spaces

- Identify and describe various materials and systems used in interior construction

- Apply knowledge of construction technologies to design and planning decisions

- Consider sustainable and accessibility factors in interior construction

**Weekly Schedule**

|  |  |
| --- | --- |
| Week 1 | Introduction to Construction Technologies- Overview of construction technologies in interior spaces- Historical context and evolution of construction methods |
| Week 2  | Materials and Systems- Wall systems (drywall, plaster, etc.) |
| Week 3 | - Flooring systems (hardwood, carpet, etc.) |
| Week 4 | - Ceiling systems (acoustic, dropped ceilings, etc.) |
| Week 5 | - Finishing materials (paint, trim, etc.) |
| Week 6-7 | Week 4-5: Interior Construction Methods- Framing and drywall installation- Finishing techniques (taping, sanding, etc.)- Installation of flooring, base, and trim |
| Week 8-10 | Week 6-7: Sustainable and Accessibility Considerations- Sustainable materials and practices- Energy efficiency and indoor air quality- Accessibility standards and universal design principles |
| Week 11 | Week 8-9: Specialized Interior Construction- Acoustic and sound proofing considerations |
| Week 12 | - Lighting and electrical systems |
| Week 13 | - Plumbing and HVAC systems |
| Week 15 | Week 10: Case Studies and Applications- Real-world examples of construction technologies in interior spaces- Student presentations and discussions |

**Grading Criteria:**

- Assignments (15%)

- Quizzes (10%)

- Midterm (25%)

- Final (50%)

**Recommended Textbooks**

"Construction Technologies for Interior Design" by J. M. Henderson

Building Construction Illustrated, by Frances D.K. Ching

Sustainable Design for interior Environments, by Susan M. Winchip- Supplementary materials: articles, case studies, and online resources