

B. Voc. in Interior Design

Semester- IV

Advanced Construction Studies

Course Code: B. Voc. /ID/302

Course Name: Advanced Construction Studies

Credits: 4

Hours: 75

Course Brief:

Advanced Interior material construction and their technology – Market Trends and Applications

Objectives:

The aim of the course work is to develop the Students ability to put their knowledge of theory into practice using forms of construction and concepts as outlined

Unit	Course Contents	No. of hours
Unit - I	Introduction to Advanced Construction materials <ul style="list-style-type: none">• Types of glass and methods of glazing• Principles of trusses and trussed rafters• Details of eaves, verges and abutments• Mastic asphalt and built-up roof finishes	22
Unit - II	Relationship of superstructure to substructure <ul style="list-style-type: none">• Typical structural forms Form and constituent parts of superstructures• Excavation for various types of foundations• Damp proof courses and membranes	22
Unit - III	Assessment of workshop/laboratory <ul style="list-style-type: none">• work and projects – Workshop Project Development/ Model Development• Safety precautions	22

<p>Unit - IV</p>	<p>Documentation & presentation</p> <ul style="list-style-type: none"> • Project Development Process Document • Advanced Construction Methods 	<p>24</p>
-------------------------	--	-----------

Learning Outcome:

- to develop the learner’s ability to communicate ideas and information by appropriate methods, and to encourage them to apply accurate observation and scientific investigation through the exploration of materials and processes
- to introduce learner to the knowledge and skills involved in construction technology and construction materials and practices, through theoretical study and integrated practical projects;

References:

- Materials and Interior design – Lorraine Farrelly & Rachael Brown
- Interior Design Material Specifications – Lisa Godsay
- The Interior Design Directory – Elizabeth Wilhide
- <http://architecture.uonbi.ac.ke/sites/default/files/cae/builtenviron/architecture/INTERIOR%20DESIGN.pdf>
- <http://www.homesbyevergreen.ca/wp-content/uploads/2014/04/Materials- Catalogue-Summerhill-Low-Res.pdf>

Lighting & Colours in Interiors

Course Code: B. Voc. /ID/503

Course Name: Lighting & Colours in Interiors

Credits: 4

Hours: 90

Course Brief:

Develop Light Design process

Objective:

To enhance learner's understanding on lights, their effects and efficient use in Interiors, how lighting can be integrated with Aesthetics and Function of any give space

Units	Course Contents	No. of hours
Unit I	<p>Lighting</p> <ul style="list-style-type: none">• Light: Solar radiation and visible light; color; visual comfort; daylighting of interiors- principles and techniques.• Day lighting: Physical parameters of day lighting Daylight penetration: Daylight factor.• Integrating day lighting with artificial lighting; automatic control of artificial lighting in relation to day lighting calculation of requirements of artificial lighting in relation to availability of daylighting.• Electric light sources and their efficiency; Lamps, incandescent lamp etc• Artificial lighting: Lumens; lux; M.F; R.I.R. lighting level requirement for various functions.• Type of luminaries – Decorative commercial, Industrial, outdoor- Methods of describing performance characteristics and performance efficiency.• Artificial lighting strategies for interior lighting	60

	<p>for various functions.</p> <ul style="list-style-type: none">• Lighting strategies for exterior lighting-buildings, space• Introduction to Ecotect and Radiance software for lighting design.	
--	---	--

Learning Outcome:

- Lights and their types – Understanding and Application
- Technology used in Lighting
- Use of Lighting in Interior spaces

Reference:

- Lighting for Interior Design – Malcom Innes – Laurance King Publishing 2012

Internship

**Course Code: B. Voc.
/ID/406 Course Name:
Internship Credits: 10
Hours: 300**

Course Brief:

Appraise oneself by active involvement within the Industry

Objective:

An internship provides a variety of benefits for young students who want to broaden their chances for getting a job and jump-starting their careers. Internships gives a taste of what a profession is like, help to build resume and let you meet people who can help students in their career and to facilitate student learning opportunities outside the classroom. Internship experiences provide the opportunity to apply classroom theory to "real world" situations thus enhancing the students' academic and career goals.

The Internship Report Writing help the student develop written communication skills. Serve as an archival record of the internship experience. Give the student an opportunity to reflect on the professional aspects of the internship experience and the skills that were learned.

Learning outcomes:

- Enhance Professional communication skills
- Network with people within the same profession
- Understand Issues related to Site execution process
- Demonstrate Design learning with practical working in the Field
- Communicate with the Client/ End Users
- Gain Work Experience & Coordination with various agencies