هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

T-104
2022

Course Specification

Course Title: Finishing Materials Properties (1) (خواص مواد التشطيب)
Course Code: IND 564
Program: Interior Design Program
Department: Architecture Department
College: College of Engineering and Information Technology
Institution: Onaizah Private Colleges
Version: Third Version
Last Revision Date: 2025-05-20

Previous Course Specification
https://drive.google.com/file/d/1j-U0dYo35Q1Wy5V8PAfEe1mavJm6zUEF/view

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	2 Credit Hours [Theoretical]
2. Course type a. University ☐ College ☐ Department ☒ Track ☐ Others ☐ b. Required ☒ Elective ☐	
3. Level/year at which this course is offered:	Fifth Level / Third Year
4. Course general Description This course introduces students to the fundamental characteristics, applications, and performance of interior finishing materials used in interior design. Emphasis is placed on understanding the physical, aesthetic, and environmental properties of materials such as wood, stone, ceramics, metals, glass, and paints, in relation to their durability, sustainability, safety, and visual impact. Students will explore essential criteria for material selection, including performance standards, environmental impact, and cost-effectiveness, maintenance, and user safety. The course also examines material compatibility, installation techniques, and the influence of materials on spatial quality and user experience. Through lectures, hands-on material samples, and critical analysis exercises, students will develop the ability to evaluate and select materials that align with project requirements, sustainability goals, and interior design best practices.	
5. Pre-requirements for this course (if any): DES 462	
6. Co- requirements for this course (if any): None	
7. Course Main Objective(s) This course provides students with a foundational understanding of commonly used finishing materials in interior environments by examining their physical, functional, and aesthetic properties in relation to design applications. It aims to develop students' ability to critically evaluate materials based on sustainability, safety, durability, maintenance, and environmental impact, while fostering ethical decision-making and awareness of professional standards and building codes. The course emphasizes the selection and justification of appropriate materials that enhance user experience and spatial quality. Students will learn to communicate their material choices effectively through professionally prepared material palettes and technical presentations that reflect current industry expectations and best practices in interior design.	

1. Teaching mode

No.	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	100%
2	E-learning		
3	Hybrid • Traditional classroom • E-learning		

No.	Mode of Instruction	Contact Hours	Percentage
4	Distance learning		

2. Contact Hours (based on the academic semester)

No.	Activity	Contact Hours
1	Lectures	30
2	Laboratory/Studio	
3	Field	
4	Tutorial	
5	Others (specify)	
Total		**30**

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
IND 564.C LO.K.1	Differentiate between the various characteristics of finishing materials used in interior design projects	K.2(التصميم برنامج الداخلى Interior Design)	Primary: Lecture Additional: Research (Individual or Group)	Formative: Quiz (Online or F2F) Summative: Written Exam (MCQ or Essay / F2F or Online)
IND 564.C LO.K.2	Describe the process of selecting appropriate finishing materials based on interior design project requirements, planning needs, and research criteria	K.3(التصميم برنامج الداخلى Interior Design)	Primary: Lecture Additional: Group Work (competitive or cooperative / Online or F2F)	Formative: Homework Summative: Research Summary (Rubric)
2.0	**Skills**			
IND 564.C LO.S.1	Generate a sustainable and code-compliant selection of interior finishing materials represented on a professional material board, considering health, safety, and indoor	S.1(التصميم برنامج الداخلى Interior Design)	Primary: Project or Research (Individual or Group) Additional: Fieldwork	Formative: Research Assessment (Rubric) Summative: Student Portfolio

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	environmental quality			
3.0	**Values, Autonomy, and Responsibility**			
IND 564.CLO.V.1	Demonstrate ethical judgment and safety awareness in the sustainable selection and application of interior finishing materials and finishes	V.2(التصميم برنامج الداخلى Interior Design)	Primary: Independent Study or Research Additional: Discussion (or similar active learning strategies)	Formative: Case Study (Individual or Group) Summative: Student Portfolio

C. Course Content

No.	List of Topics	Contact Hours
1	Introduction to Finishing Materials in Interior Design: - Definition, classification, and role in interior environments. - Overview of selection criteria: function, aesthetics, maintenance.	2
2	Understanding Material Properties: - Physical vs aesthetic properties. - Durability, texture, weight, flexibility, and finish quality.	2
3	Wood-Based Materials: - Solid wood, plywood, MDF, veneer. - Applications, finishes, sustainability, and common defects.	2
4	Stone and Ceramic Finishes: - Marble, granite, slate, porcelain, and ceramic tiles. - Properties, installation, and appropriate usage areas.	2
5	Metals in Interior Finishes: - Stainless steel, aluminum, brass, copper. - Surface treatments, corrosion resistance, and visual impact.	2
6	Glass and Mirror Applications: - Types of glass: tempered, frosted, laminated. - Uses in partitions, backsplashes, and decorative features.	2
7	Paints, Coatings, and Wall Treatments: - Types of paint (latex, oil-based, epoxy) and finishes (matte, satin, gloss). - Wallpaper, vinyl wallcoverings, and acoustic wall panels.	2
8	Flooring Materials I – Hard Surfaces: - Ceramic, terrazzo, vinyl, laminate, and hardwood. - Performance, cost, and maintenance comparison.	2
9	Midterm.	2
10	Flooring Materials II – Soft Surfaces: - Carpeting, rugs, cork, rubber. - Acoustic properties, texture, comfort, and application.	2
11	Sustainable Finishes and Eco-Certifications: - LEED criteria, low-VOC finishes, recycled and renewable materials. - Life-cycle analysis and indoor air quality considerations.	2

12	Health, Safety, and Fire Ratings of Materials: - Fire resistance classifications. - Non-toxic finishes, slip resistance, moisture resistance. - Safety standards in public interiors.	2
13	Material Compatibility and Detailing: - Combining materials (transitions, joints, and layering). - Visual harmony and technical coordination.	2
14	Material Board and Sample Presentation Techniques: - Preparing a professional material board. - Labeling, layout, and presentation standards.	2
15	Final Review and Student Presentations: - Presentation of final material boards and justification. - Peer critique and course reflection.	2
Total		**30**

D. Students Assessment Activities

No.	Assessment Activities*	Assessment Timing (in Week No.)	Percentage of Total Assessment Score
1	Quiz (Online or F2F)	4th & 12th	10%
2	Written Exam (Midterm Exam) (MCQ or Essay / F2F or Online)	9th & 18th	25%
3	Assignment 2 Material Board Student Portfolio	16th	10%
4	Assignment 1 Research Assessment (Rubric)	6th	10%
5	Written Exam (Final Exam) (MCQ or Essay / F2F or Online)	16th	45%
			100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	- Materials and Components of Interior Architecture by Riggs, J. Rosemary, Materials and Components of Interior Architecture, Sixth Edition. 2013. - Interior Design Specifications and Materials by Lisa Godsey, Second Edition. 2012. - Materials for Interior Environments by Bingelli, C. , 2008 John Wiley & Sons, Second Edition, 2013. - Materials and Components of Interior Architecture, 7th Edition by J. Rosemary Riggs, 2007.
Supportive References	None.
Electronic Materials	None.
Other Learning Materials	None.

2. Required Facilities and Equipment

Items	Resources
Facilities (Classrooms, Laboratories, Exhibition Rooms, Simulation Rooms, etc.)	Classrooms.
Technology Equipment (Projector, Smart Board, Software)	Data Show or Projector System.
Other Equipment (Depending on the nature of the specialty)	None.

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Peer Reviewer	Direct (peer classroom observation according to the approved Rubric)
Effectiveness of students' assessment	Faculty/Instructor	Direct (analysis of CLOs assessment results and grade distributions)
Quality of learning resources	Students	Indirect (course evaluation survey)
The extent to which CLOs have been achieved	Faculty/Instructor	Direct (CLOs assessment and analysis of results according to CLOs targets)
	Students	Indirect (Students through course evaluation survey)
Commitment to learning and teaching strategies and assessment methods included in the program and course specifications	Peer Reviewer	Direct (Peer- classroom observation according to the approved Rubric in OC-QMS)
	Department Chair through Students Focus Groups	Indirect (Chair – survey questions to a focus group of students according to OC QMS)
Action Plan Continuity (Closing the Loop)	QAC (Quality Assurance Committee)	Direct (periodic review of course reports and submitting comments to course instructor/coordinator)
Instructor's Support to Students	Students	Indirect (course evaluation survey)

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	Department of Architecture Council
REFERENCE NO.	11
DATE	2023-05-09

Learning outcomes of this course, as well as CLOs/Teaching Strategies/Assessment Methods matrix have been evaluated and reviewed by multiple OC parties according to OC-QMS. You can access results of these final reviews by scanning the QR code on the right, which contains a link to the reviews on OC-E-QMS.

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