



Jordan University of Science and Technology
Faculty of Architecture And Design
Architecture Department

ARCH352 Building Construction (3) Finishing
Summer Semester 2019-2020

Course Catalog
3 Credit Hours. Different materials and methods used to finish a building exterior and interior surface. This include: plasters and their accessories, plaster partition systems, plaster ceilings, gypsum boards, ceramic tiles, marble, terrazzo, flooring, wood flooring, suspended acoustical tile ceilings, curtain walls as an exterior wall finish and plastic laminates. In addition, the course will cover finishing materials and methods used in kitchens, bathrooms, and other special use facilities. Construction drawings exercises are required in parallel to lectures

Text Book	
Title	Building Construction Handbook
Author(s)	1. Chudley,R.& Greeno
Edition	2nd Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Problems in Building Construction.Architecural	Trill,J.Bowyer ,T	2nd Edition	
3	Why BuildinStandUp.W.W.Norton&Company	Salvadori,M	2nd Edition	
4	Fundamental oF Building Construction Materials and Methods	Allen,E	3rd Edition	

Instructor	
Name	Prof. Hikmat Ali
Office Location	-
Office Hours	
Email	hikmat@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Mon, Tue, Wed : 11:30 - 13:00 Room: منصة الالكترونية

Prerequisites		
Line Number	Course Name	Prerequisite Type
2212523	ARCH252 Building Construction (2) Systems	Prerequisite / Pass

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction	
Week 2	Materials	
Week 3	Retaining Walls	
Weeks 4, 5, 6	Walls finishing	
Weeks 7, 8	Floors finishing	
Weeks 9, 10	Roofs finishing	
Week 11	Doors material and details	
Week 12	Windows material and details +Moisture & Thermal Resistance Material	
Week 13	Relationship to Mechanical & Electrical Systems	
Week 14	Kitchen & Bath DETAILS + Escalator& Elevators details	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method

understanding material and process of finishing. [1B.B8]	40%	
draw technical drawings identifying the assembly of materials. [1B.B4]	40%	
analyse building environment in term of finishing systems .20% [1B.B8]	20%	

Relationship to Program Student Outcomes (Out of 100%)																									
A.A1	A.A2	A.A3	A.A4	A.A5	A.A6	A.A7	A.A8	B.B1	B.B2	B.B3	B.B4	B.B5	B.B6	B.B7	B.B8	B.B9	B.B10	C.C1	C.C2	C.C3	D.D1	D.D2	D.D3	D.D4	D.D
											40				60										

Evaluation	
Assessment Tool	Weight
mid exam	40%
report	20%
final	40%

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