

Module 11					
Module Name: Project II					
Degree Program(s)	B.Sc. in Architecture				
academic year	2016/17				
Course Number	Arch 4112				
Course Title	Integrated Design Project III				
Pre-requisites	Arch4201				
Module coordinator	From Architecture design chair				
Lecturer	Architecture design 3 Architectural science 1 Building construction 1			Phone _____ Email_____	
Status of Course	Compulsory				
Semester	9				
ECTS Credits	12				
Course weight (per semester)	Lectures	Tutorials	Studio& Workshop	Home Study	Total Working
	32	32	160	112	336
Teaching & Learning Methods	• Input Lectures from Architectural design team, building science team, and Advanced construction team, Studio project handled jointly by the three teams, seminars, Study site Visit • Lead by Architecture design team, • Project should focus on Industrial/ farm building. The scope of the project could be decided by the team leader. It should pose a challenge for the students to deal with different aspects of architectural science.				
Attendance Requirements	85%				

Course Objectives & Competences to be Acquired	-Advanced understanding of the technological dimension of Architecture with the focus of building sciences and services. -Knowledge of the interdependence various factors in Architectural projects -knowledge of the interdependence of building construction process and techniques with dimensions of services (HVAC), -understanding systems in a building and designing the non-space in Architecture, design a building down to the level of building details, present a complex project with the appropriate digital media
Course Description/Course Contents	- diagrammatic and written explanation of concept - Plans of site 1:500 - Plans of building 1:100, 1:50 - Plans of details 1:1000, 1:50,1:20 - Renderings of interior and exterior spaces - panel for HVAC, sanitary and lighting details - model of site,model of building, model of detail (appropriate scale)
Assessment/Evaluation & Grading System	50% continuous assessment 20% Intermediate Presentations 30% Final Project (10 pts for arch design, 20pts for details)
Literature	-readers from the three teams -Max Fordham and Partners, Edited by Randall Thomas Environmental design -Stive V. Szokolay, introduction to Architectural Science -Mcquiston/parker/Spitler, Heating, Ventilating and air conditioning -L. V. Ripka, Plumbing design and installation -Light and Architecture

	-Steffy, Architectural lighting design -Marshall Long, Architectural acoustics -Derek Phillips, Daylighting
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