



Prepared by:

Dorota Gawryluk Bialystok University of Technology

Maciej Kłopotowski Bialystok University of Technology

Subject of classes / project/ specialization workshop: Design of house with patio – total 90 min.

Computer class

Students work in 3-person teams (one person from each country)

Nr	Presentation task's stage for students	Student gets	Task for student	Effect of task	Time [min]
1	Principle information about detached houses with patio. Presentation of three plans of houses	Student gets 3 different plans of detached houses with patio to choose one of them	Team of Students choose (draw) one from three plans	Chosen plan of house with patio	5'
2	Presentation of plans of typical houses with patio	Student gets cross drawing (section) of chosen house type with 3 forms of roof to choose.	Student choose form of roof	Croos drawings and elevations of choosen house	10'
3	Presentation of functional program of all house's rooms. Presentation of plans with furnitures	Students gets information about house's residents – 4-person family	Student is donating rooms determines	House's plan with information about rooms function and areas	10'
4	Presentation of rooms furnishing	Student gets plans of furnitures	Student is furnishing rooms	House's plan with furniture equipment	10'
5	Principle information about	Technical rules for calculating the surface of	Student is counting minimum surface of windows in	Drawings of elevations wit	10'

	climatic conditions in various regions	windows in different zones	rooms and is drawing windows in house's elevation	„minimum surface” windows	
	BREAK				
6	Principle information about coordination of house's functional program and aesthetics of windows's form	-	Correction of windows size because of house's functional program, technical problems and aesthetics of architectural form	House's pla, two crossing drawings (section), front elevation drawing, urban plan of settlement	15'
7	Presentation of urban plan of houses with patio ensemble (motor traffic outside the complex, common play ground inside complex)		Student create urban complex oh houses with patio with internal common area	Urban complex of min 8 houses with patio	10'
8	Students presentations	-	Work's presentation	Preparing final form of drawings in electronic form: plan of house with patio, two crossing drawings (section) with parts of elevations, front elevation drawing, urban plan of settlement. Presentation of finished work on group forum. Discussion and conclusions.	20'
				Total:	90'