Bangladesh Sweden polytechnic Institute, Kaptai.
Semester plan
Department of Construction Technology

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Chief Instructor (Tech)

Parctical

SL. No.	Job no	Week	Description
01	01	1st	Calculate the volume of earth work in excavating tank of a given cross-section by mid area method. /by prismoidal method.
02	02	2nd	Calculate the volume of earth work of 100m long embankment by mid area method. /by prismoidal method.
03	03	3rd	Prepare an estimate for construction of 100m long boundary wall.
04	04	4th	Prepare an estimate for construction of 100m long bituminous road. /RCC road.
05	05	5th	Earth work in excavation of foundation trenches.
06	06	6th	Brick work (1:6) in foundation (Sub-structure) up to plinth level.
07	07	7th	Brick work (1:6) in super structure.
08	08	8th	RCC work (1:2:4) in lintel, beams, roof slab, stair, sunshade and drop wall.
09	09	9th	Wood work in door and window frames &Shutter.
10	10	10th	Lime terracing over RCC roof slab.
11	11	11th	Identify the standard items of work for sinking a deep tube well.
12	12	12th	Cement plaster to all RCC surface.
13	13	13th	Calculate the analysis of rates for different items of building works.