

<b>T</b>	<b>P</b>	<b>C</b>
<b>3</b>	<b>3</b>	<b>4</b>

**BANGLADESH SWEDEN POLYTECHNIC INSTITUTE, KAPTAI**  
**SEMESTER PLAN FOR PRACTICAL CONTENT**

**TECHNOLOGY: CONSTRUCTION TECHNOLOGY**

**Subject Name: CONSTRUCTION METHODOLOGY-I (Subject Code: 8841)**

**Teacher Name: Engr. Md. Jahedul Islam (Instructor)**

<b>Week No.</b>	<b>Content No.</b>	<b>Brief Description of Content</b>
01-03	01	Draw the grading curves for various samples of aggregates and find out the FM value from the grading curve.
04	02	Determine the slump of different concrete works.
05	03	Determine the effects of different mix proportions on the strength and workability of concrete by experiment and test.
06	04	Determine the effects of different curing methods/duration of the strength of concrete.
07	05	Conduct the cylinder test for concrete and interpret the results.
08	06	Conduct the cube test for concrete and interpret the results'.
09	07	Test the concreting materials to establish the characteristics.
10	08	Construct sample corner ( L ) joints in different thickness of English/Flemish/Stretcher/Header bond brick wall.
11	09	Construct sample tee (T) joints in different thickness of English/Flemish/ Stretcher/ Header bond brick wall.
12	10	Construct sample cross ( X ) joints in different thickness of English/Flemish/ Stretcher/ Header bond brick wall.
13	11	Construct sample brick pillars in different sizes of English and Flemish bond.
14	12	Construct layout of brick wall in a floor