

## 2<sup>nd</sup> Semester Civil Engineering – PDDC

### Subject Code / Teaching / Examination Scheme & Example for Calculating SPI

Subject Code	Subject Name	Teaching Scheme (Hours)			Credits	Examination Marks				Branch Code
		Theory	Tutorial	Practical		External Exam (Theory)	Mid Sem. Exam (Theory)	Internal Assessment	Total Marks	
X20001	Mathematics - 2	3	2	-	5	70	30	50	150	6
X20601	Advanced Surveying	3	-	2	5	70	30	50	150	6
X20602	Construction	3	-	-	3	70	30	50	150	6
X20603	Structural Analysis - I	3	2	-	5	70	30	50	150	6
<b>Example for Calculation of SPI (Semester Performance Index) in GTU</b>						<b>Grade System</b>				
Subject	Credit	Marks	Grade	Grade Point	Credit * Grade Point	Marks	Grade	Grade Point		
Mathematics - 2	5	54	CC	6	30	85 to 100	AA	10		
Advanced Surveying	5	65	BB	8	40	75 to 84	AB	9		
Construction	3	71	BB	8	24	65 to 74	BB	8		
Structural Analysis - I	5	58	BC	7	35	55 to 64	BC	7		
<b>Total</b>	<b>18</b>				<b>129</b>	45 to 54	CC	6		
SPI =		SUM (Credit * Grade Point) / SUM (Credit)				40 to 44	CD	5		
=		129/18				35 to 39	DD	4		
<b>SPI =</b>		<b>7.17</b>				<35	FF	0		
<b>Requirement of Minimum Passing Marks</b>										
<b>Particulars</b>						<b>Marks</b>	<b>Minimum marks required for passing</b>			
Mid Semester Test conducted by Institutes						30	12			
GTU End Semester Examination						70	23			
<b>Total</b>						<b>100</b>	<b>35</b>			
Term Work, Practical, Attendance, etc... (This is not used to calculate SPI or CPI)						50	25			