

## FIRST YEAR

### FIRST SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Engineering Mechanics	3	1	100+50
Civil Engineering Materials	2	1	50+50
Functional English	2	0	50+00
Applied Calculus	3	0	100+00
Islamic Studies/Ethics	2	0	50+00
Pakistan Study	2	0	50+00
<b>Total</b>	<b>14</b>	<b>2</b>	<b>400+100</b>

### SECOND SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Surveying-I	3	1	100+50
Engineering Drawing	2	1	50+50
Introduction to Computer Programming for Civil Engineering	2	1	50+50
Civil Engineering Geology	2	0	50+00
Linear Algebra & Analytical Geometry	3	0	100+00
Writing & Communication Skills	2	1	50+50
<b>Total</b>	<b>14</b>	<b>4</b>	<b>400+200</b>

## SECOND YEAR

### FIRST SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Surveying-II	3	1	100+50
Strength of Materials-I	3	0	100+00
Civil Engineering Drawing	3	1	100+50
Architecture & Town Planning	2	0	50+00
Statistics & Probability	3	0	100+00
<b>Total</b>	<b>14</b>	<b>2</b>	<b>450+100</b>

### SECOND SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Fluid Mechanics & Hydraulics-I	3	1	100+50
Strength of Materials-II	3	1	100+50
Transportation Engineering	3	0	100+00
Theory of Structures	3	0	100+00
Numerical Methods	3	0	100+00
<b>Total</b>	<b>15</b>	<b>2</b>	<b>500+100</b>

### THIRD YEAR

#### FIRST SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Fluid Mechanics & Hydraulics-II	3	1	100+50
Plain & Reinforced Concrete	3	1	100+50
Highway & Traffic Engineering	3	1	100+50
Structural Analysis	3	1	100+50
Construction Engineering	2	0	50+00
<b>Total</b>	<b>14</b>	<b>4</b>	<b>450+200</b>

#### SECOND SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Reinforced & Pre-stressed Concrete	3	1	100+50
Hydrology & Water Storage Structures	3	1	100+50
Steel Structures	3	0	100+00
Soil Mechanics	3	1	100+50
Modern Methods of Structural Analysis	3	0	100+00
<b>Total</b>	<b>15</b>	<b>3</b>	<b>500+150</b>

### FINAL YEAR

#### FIRST SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Structural Design & Drawing	3	0	100+00
Geotechnical Engineering	3	1	100+50
Irrigation & Drainage Engineering	3	1	100+50
Environmental Engineering-I	2	0	50+00
Professional Ethics for Engineers	2	0	50+00
Thesis/ Project-I	0	3	00+100
<b>Total</b>	<b>13</b>	<b>5</b>	<b>400+200</b>

#### SECOND SEMESTER

Name of Subject	Credit Hours		Marks
	Theory	Practical	Th + Pr
Foundation Engineering	3	0	100+00
Environmental Engineering-II	3	1	100+50
Quantity Surveying & Estimation for Civil Works	3	0	100+00
Project Planning, Economics & Management	3	0	100+00
Thesis/Project-II	0	3	00+100
<b>Total</b>	<b>12</b>	<b>4</b>	<b>400+150</b>