

**Major Core Courses (42 Credits)**

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
66	152	Fluid Mechanics	3	4	2	2	0	106/76, 113/56
75	142	Basic Chemistry	3	4	2	2	0	
78	102	Intro. To Petroleum Eng. Tech.	1	1	1	0	0	
78	212	Petroleum Eng. Computations	2	3	3	0	0	105/76
79	122	Petroleum Geology	3	4	2	2	0	102/78
79	131	Reservoir Rock Properties	3	4	2	2	0	102/78
79	232	Reservoir Fluid Properties	3	4	2	2	0	106/76, 142/75
79	235	Well Logging	3	3	3	0	0	106/76
79	236	Reservoir Engineering	3	3	3	0	0	232/79, 131/79
79	241	Drilling and Completion	3	4	2	2	0	131/79
79	246	Water Flooding	3	4	2	2	0	236/79
79	342	Well Testing	3	4	2	2	0	236/79
79	390	Computer Applications Pet. Eng.	3	4	2	2	0	232/79
79	399	Field Training	6	24			24	162/30, 171/30
			42	70	28	18	24	

**General Core Courses (18 C (18 Credits))**

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
76	105	Mathematics (1)	3	3	3	0	0	
76	106	Mathematics (2)	3	3	3	0	0	76/105
56	113	Basic Physics	3	4	2	2	0	
30	99	Remedial English	0	5	0	0	0	
30	102	Technical English	3	3	3	0	0	PEN Or 30/99
30	162	Technical Writing	3	3	3	0	0	30/102
30	171	Communication Skills	3	3	3	0	0	30/102
			18	24	17	2	0	

Total	Cr.	Hrs.
	75	109

**Major Elective Courses (6 Credits)**

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
78	113	Corrosion in Petroleum Facilities	3	3	3	0	0	142/75
78	240	Basic Instrumentation	3	4	2	2	0	113/56, 212/78
78	279	Artificial Lift Technology	3	3	3	0	0	241/79
78	353	Production Design and Operation	3	4	2	2	0	212/78
78	372	Transportation and Storage	3	3	3	0	0	232/79
79	243	Well Control	3	4	2	2	0	241/79
79	299	Projects	3	4	1	3	0	232/79
79	356	Well Stimulation	3	3	3	0	0	241/79
79	357	Petroleum Economics	3	3	3	0	0	212/78

**General Elective Courses (3 Credits)**

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
3	112	Work Ethics & Loyalty	3	3	3	0	0	
7	141	Art Education (1)	1	2	2	0	0	
7	142	Art Education (2)	1	2	2	0	0	07/ 141
8	110	Physical Education	1	2	2	0	0	
10	104	Library and Research	1	2	2	0	0	
13	151	Music Education	1	2	2	0	0	
15	114	Industrial Psychology	2	2	2	0	0	
21	164	Accounting	2	2	2	0	0	
22	104	Small Projects Management	2	2	2	0	0	
25	166	Industrial Economics	2	2	2	0	0	
30	107	General French Language (1)	2	3	1	2		
57	102	Intr. Contracts and Specifications	3	3	3	0	0	
64	268	Design and Creativity in Tech.	2	2	2	0	0	
65	205	Automotive Mechanics	3	3	3	0	0	
66	135	Energy and Water conservation	3	3	3	0	0	
79	103	Petroleum Culture	3	3	3	0	0	

**General Compulsory Courses (6 Credits)**

Code	No.	Course Name	Cr.	Hrs.	Theo.	Lab.	Field	Pre-req.
1	101	Islamic Culture	2	2	2	0	0	
64	252	Industrial Management	2	2	2	0	0	
81	298	Industrial Safety	2	2	2	0		30-102
			6	6	6			