



Dili Institute of Technology

Educated to Serve

Petroleum Management Curriculum

I. Cluster of Curriculum

Cluster	Subject-Matter	Credit Point
Institutional Subject (20%)	Tetum I and II	12
	Portuguese I & II	12
	English I,II,III,IV,V & VI	36
	Communication Skills	4
	Constitution and Citizenship	3
	Gender and Development	3
	Critical Thinking and Problem Solving	4
	Entrepreneurship	4
Foundation Subjects (15%)	Calculus I & II	8
	Basic Physics I	4
	Basic Chemistry I & II	8
	Introduction to Petroleum Engineering	4
	Introduction to Technical Drawing and CAD	4
	Introduction to Economics I/II	8
Professional Subjects (30%)	Field work	4
	English for Petroleum I	5
	English for Petroleum II	5
	English for Petroleum III	5
	Business Accounting	4
	Strategic Management	4
	Petroleum Geology	4
	Geology of Timor-Leste	3
	Drilling and Production Equipment	4
	Instrumentation and Well Control	4
	Health, Safety and Environment	4
	Statistical Analysis of Data	4
	Research Methods	4
	Reservoir Engineering	4
	Marketing Management	4
	General Geology	4
	Professional Elective Unit I	3

	Professional Elective Unit II	3
Specialization Subjects (30%)	Production Operations I/II	8
	Drilling Operations I/II	8
	Oil and Gas Contract and Marketing	4
	Mineral and Petroleum Taxation	4
	Reservoir Management	4
	Petroleum Economics	5
	Seminar in Petroleum Management	3
	Internship Program in Petroleum Management	10
	Research Project in Petroleum Management	20
	Elective Specialization Unit I	3
	Elective Specialization Unit II	3
TOTAL		240

II. Structure Curriculum Offered Every Trimester

Year	Trimester	Code of Subject Matter	Name of Subject Matter	Credit Point
I	I	PM1141	Calculus I	4
		PM1142	Communication Skills	4
		PM1143	Basic Physics I	4
		PM1144	General English 1	10
		PM1145	Basic Chemistry 1	4
		Total		26
	II	PM1241	Calculus II	4
		PM1242	Basic Chemistry II	4
		PM1243	Introduction to Economic I	4
		PM1244	General English II	10
		PM1245	Introduction to Technical Drawing	4
		Total		26
	III	PM1341	General Geology	4
		PM1342	Introduction to Economic II	4
		PM1343	Business Accounting	4
		PM1344	English for Petroleum I	10
		PM1345	Introduction to Petroleum Engineering	4
		Total		26
II	IV	PM2141	Geology of Timor-Leste	3
		PM2142	Critical Thinking & Problem Solving	4
		PM2143	English for Petroleum II	5
		PM2144	Strategy Management	4
		PM2145	Marketing Management	4
		PM2146	Tetun ba eskola ho servisu I	3
		PM2147	Gender and Development	3
		Total		26
	V	PM2241	Petroleum Geology	4
		PM2242	Constitutional & Citizenship	3
		PM2243	Production Operation I	4

III		PM2244	English for Petroleum III	5	
		PM2245	Drilling Operation I	4	
		PM2246	Reservoir Engineering	4	
		PM2247	Tetun ba eskola ho servisu II	3	
		Total			27
	VI	PM2341	Petroleum Economic	5	
		PM2342	Production Operation II	4	
		PM2343	Drilling Operation II	4	
		PM2344	Oil and Gas Marketing and Contracting	4	
		PM2345	Entreppreneurship	4	
		PM2346	English for Petroleum IV	5	
		Total			26
	VII	PM3141	Drilling and Production Equipment	4	
		PM3142	Statiscal Anlysis of Data	4	
		PM3143	Reservoir Management	4	
		PM3144	Health Safety and Enviroment	4	
		PM3145	Mineral and Petroleum Taxation	4	
		PM3146	Portuguese I	3	
		Total			23
	VIII	PM3241	Research Method	4	
		PM3242	Field Work	4	
		PM3243	Macroeconomic of the Oil and Gas Sector	3	
		PM3244	Enhance Oil Recovery (EOR)	3	
		PM3245	Energy Management Enviroment	3	
		PM3246	Instrumentation and Well Control	4	
		PM3247	Portuguese III	3	
		Total			24
	IX	PM3341	Seminar in Petroleum Management	3	
		PM3342	Internship Program in Petroleum Management	10	
		PM3343	Management and Accounting of Oil and Gas Project	3	
		Total			16
IV	X	PM4141	Final Year Research Project	20	
		Total			20
TOTAL Credit Points					240