Course and Program Outcomes Matrix

		Program Outcomes												
Course Code	Course Name	1	2	3	4	5	6	7	8	9	10	11	12	13
ıst Year - ıst	Semester													
CHM101	General Chemistry	5	2	-	2	-	-	-	-	-	2	4	-	3
ECC 101	Introduction to Programming	3	2	4	-	2	-	-	-	-	3	4	-	1
ENG101	English I	-	-	-	-	-	-	-	-	-	2	4	-	3
MTH 101	Calculus I	5	2	-	2	-	-	-	-	-	-	-	-	1
PGE 101	Introduction to Petroleum Engineering	1	-	2	1	-	2	-	-	2	2	2	-	-
PHY 101	General Physics I	5	-	3	2	-	-	-	-	-	-	-	-	2
CHC100	Cyprus History and Culture	-	-	-	-	-	-	7	-	-	-	-	-	2
1st Year - 2nd	l Semester													
CHM 102	Physical Chemistry	5	2	-	2	-	2	-	-	-	2	4	-	3
ENG102	English II	-	-	-	-	-	-	-	-	-	2	4	-	3
MTH102	Calculus II	5	2	-	2	-	-	-	-	-	-	-	-	1
PHY 102	General Physics II	5	-	3	2	-	-	-	-	-	-	-	-	2
TDE 102	Technical Drawing	1	3	3	5	-	3	-	-	-	2	-	-	-
YIT 101 TUR 101	Turkish for Foreigners I Turkish Language	-	-	_	-	_	_	5	-	_	-	_	-	3
CAR 100	Career Planning	-	-	-	-	-	-	-	1	-	-	2	2	3
2nd Year - 1s	t Semester													
ECC 207	Thermodynamics	5	2	-	2	-	-	2	-	-	2	4	-	3
ECC 211	Engineering Materials	4	4	5	4	4	-	-	-	-	-	-	-	-
MTH 201	Differential Equations	5	2	-	2	-	-	-	-	-	-	-	-	1
PGE 201	General Geology	-	2	-	2	-	2	-	2	-	2	2	-	1
PGE 221	Engineering Mechanics	4	4	5	4	4	-	-	-	-	-	-	-	-
YIT102 TUR 102	Turkish for Foreigners II Turkish Language II	-	-	-	-	_	_	5	-	-	-	_	-	3
2nd Year - 2r	nd Semester													
ECC 213	Strength of Materials	4	3	3	5	1	2	-	-	-	-	-	-	-
MTH 323	Numerical Analysis	5	4	1	4	3	-	-	-	-	-	-	-	-
PGE 202	Petroleum Geology	-	2	-	2	-	2	-	2	-	2	4	-	3
PGE 218	Rock Properties	3	2	-	2	-	-	-	-	-	-	-	-	3

PGE 220	Fluid Properties	3	2	-	2	-	-	-	-	-	-	-	-	3
NTE	Non- Technical Elective	-	2	-	2	-	5	2	-	2	-	5	2	-
3rd Year - 18	st Semester													
MTH 251	Statistics and Probability	5	2	-	2	-	-	-	-	-	-	-	-	1
PGE 300	Summer Practice I	-	-	-	-	-	1	-	4	4	1	2	-	-
PGE 301	Introduction to Fluid Mechanics	2	3	3	3	2	-	-	-	-	-	-	-	1
PGE 303	Production Engineering I	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 305	Reservoir Engineering I	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 307	Drilling Engineering I	5	2	2	2	-	5	-	-	2	-	2	-	1
AIT103 AIT 101	Principles of Atatürk and the History of Turkish Revolution I	_	-	-	-	-	-	5	-	-	-	_	-	3
3rd Year - 2	nd Semester													
PGE 304	Production Engineering II	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 306	Reservoir Engineering II	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 308	Drilling Engineering II	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 310	Oil and Gas Pipeline System	5	2	2	2	-	5	-	-	2	-	2	-	1
PGE 312	Well Logging	5	2	2	2	-	5	-	-	2	-	2	-	1
UTE	Unrestricted Technical Elective	-	2	-	2	-	-	-	-	-	-	1	1	1
4th Year - 18	t Semester													
PGE 400	Summer Practice II	-	-	-	-	-	1	-	4	4	1	2	-	-
PGE 403	Natural Gas Engineering	5	2	2	2	-	5	-	2	-	2	-	-	1
PGE 405	Engineering Design	-	2	2	2	2	5	-	2	2	2	-	-	1
PGE 411	Petroleum Property Valuation	5	2	-	2	-	-	-	-	-	-	2	-	1
AIT104 AIT 102	Principles of Atatürk and the History of Turkish Revolution II	_	_	-	-	_	-	5	<u>-</u>	-	-	_	-	3
TE	Technical Elective	5	2	-	2	-	5	2	-	2	-	-	-	1
TE	Technical Elective	5	2	-	2	-	5	2	-	2	-	-	-	1
4th Year - 21	nd Semester													
PGE 402	Graduation Project	-	2	2	2	2	5	-	2	2	2	-	-	1
ECC 426	Economics for Engineers	2	-	2	4	-	-	-	1	-	1	2	-	3
TE	Technical Elective	5	2	-	2	-	5	2	-	2	-	-	-	1
TE	Technical Elective	5	2	-	2	-	5	2	-	2	-	-	-	1
TE	Technical Elective	5	2	-	2	-	5	2	-	2	-	-	-	1

TE	Technical Elective	5	2	-	2	_	5	2	-	2	-	-	-	1
Technical (Fie	lld-Related) Elective Courses													
PGE 407	Reservoir Characterization	2	3	2	4	_	5	_	-	2	-	2	-	1
PGE 408	Geophysical Analysis	5	2	3	2	-	5	-	-	2	-	5	-	-
PGE 409	Process Control and Instrumentation	2	2	3	2	2	4	-	1	-	-	-	-	2
PGE 410	Special Topics in Petroleum and Natural Gas Engineering	4	4	4	5	4	3	3	1	1	2	2	-	2
PGE 412	Reservoir Rock and Fluid Properties	3	3	3	3	3	3	-	-	-	-	-	-	-
PGE 413	Globalization and Petroleum Politics	-	-	3	3	-	-	1	3	-	2	2	-	3
PGE 414	Transport Phenomena in Geosystems	3	3	3	4	3	3	-	-	-	-	-	-	-
PGE 415	Pipeline Transportation Systems	4	4	4	4	4	4	_	-	-	3	2	-	2
PGE 416	Environmental Control in Petroleum Engineering Operations	3	4	4	4	4	2	-	-	-	3	2	-	2
PGE 417	Petroleum and Refining Processes	3	3	3	3	3	3	-	3	-	4	4	-	4
PGE 418	Oil Transportation and Storage	3	-	3	4	4	4	-	-	-	3	2	-	2
PGE 419	Health & Safety and Risk Management	-	3	2	4	4	2	-	5	2	5	-	-	2
PGE 420	Project Management	4	3	4	3	3	4	_	2	2	2	-	-	2
PGE 421	Introduction to Geothermal Reservoir Engineering	4	2	3	2	2	4	_	2	-	2	-	-	2
PGE 422	Enhanced Oil Recovery	3	3	4	3	4	3	_	2	-	2	-	-	2
PGE 423	Pressure Control	5	3	4	3	4	3	-	2	-	2	-	-	2
PGE 424	Physical and Engineering Properties of Rocks	3	1	3	5	4	3	-	2	-	2	-	-	2
PGE 425	Directional Drilling	5	2	3	4	-	3	-	2	-	2	-	-	2
PGE 426	Petroleum Geochemistry	3	5	4	4	_	4	_	2	-	2	-	-	2
PGE 427	Well Stimulation	4	4	4	5	-	4	-	3	-	2	-	-	2
PGE 428	Transportation and Storage of Natural Gas	4	5	4	3	-	4	-	3	-	3	2	-	2
PGE 429	Well Design Control	3	3	3	3	-	4	-	3	-	3	2	-	2
PGE 430	Hydrocarbon Geophysics	4	3	4	4	-	5	-	-	2	-	5	-	1
PGE 431	Geological Maps and Cartography	3	4	4	4	-	2	1	1	2	3	2	-	3
PGE 432	Safety & Environmental Protection	-	3	4	4	4	3	-	5	2	5	-	-	2
PGE 433	Well Design	3	3	3	4	-	4	-	3	-	3	2	-	2
PGE 434	Individual Study	2	4	5	3	-	3	_	1	2	2	-	-	1
PGE 435	Petroleum Fuels Market & Segment	1	5	4	3	-	3	-	3	-	3	-	-	1

PGE 436	Simulating of Geosystems	5	4	4	5	2	4	-	3	-	3	3	-	3
PGE 437	Well Test Analysis	3	4	4	4	4	3	-	3	-	2	2	-	2
PGE 438	Eastern Mediterranean Hydrocarbon Geopolitics	-	-	5	5	-	-	1	3	-	2	2	-	3
PGE 439	LPG Technology and Sector	3	2	3	4	-	3	-	3	-	3	-	-	1
Second Foreign Languages														
Xxx101	Second Foreign Languages I	Please Select a Language												
Xxx 102	Second Foreign Languages II	Please Select a Language												
Xxx101	Second Foreign Languages III	Please Select a Language												
Xxx102	Second Foreign Languages IV	Please Select a Language												

^{* 1} Lowest, 2 Low, 3 Average, 4 High, 5 Highest