



Petroleum Engineering

**First Year
First Term**

No.	COURSE	
	CODE	TITLE
1	MPM 120	Organic and Inorganic Chemistry
2	PHY 120A	Physics (2)
3	MTH 120A	Mathematics (2)
4	MEC 120	Mechanics (2)*
5	STR 120	Theory of Structures
6	GEN121	Introduction to Mining, Petroleum & Metallurgical Engineering
7	GEN 122	Elements of Management

* Examination at the end of the 2nd semester, total grade 200 marks after the

For continuing courses, the grades of the two parts A and B added at the end of the 2nd term.

The first year is common for all Mining, Petroleum and Metallurgical Engineering students

**Third Year
First Term**

No.	COURSE	
	CODE	TITLE
1	PE 301A	Oil Production Engineering (1)*
2	PE 302	Well Logging
3	PE 303	Natural Gas Engineering*
4	GEN 310	Principles of Engineering Management
5	PE 305	Petroleum Exploration Engineering
6	IHD 323	Fluid Mechanics (2)

* Includes lab. Hours.

**Second Year
First Term**

No.	COURSE	
	CODE	TITLE
1	GEN 210A	English Technical Writing (A)
2	PE 204A	Oil Well Drilling* Engineering (A)
3	PE 203	Sedimentary Rocks
4	PE 205	Physical Chemistry
5	MTH 223	Mathematics & Statistics
6	IHD 223	Fluid Mechanics* (1)

* Includes lab. Hours

**Fourth Year
First Term**

No.	COURSE	
	CODE	TITLE
1	PE 401A	Reservoir Engineering & EOR Methods
2	PE 402A	Reservoir Simulation And Well Test*
3	PE 403-1	Oil Well Drilling Engineering (3)
4	PE 404	Petroleum Geology*
5	PE 405	Oil Production Engineering (2)
6	PE 44*	Elective Course (1)
7	PE 480	Project

* Includes lab. Hours.

**Vice Dean
for Education and Students Affairs**

Prof. Sherine Mohy Eldin Wahba