

TOTAL EXAMINATION PROGRAM
PEO Syllabus of Examinations, 2017 Edition

PETROLEUM ENGINEERING

INTRODUCTION

A full set of Petroleum Engineering examinations consists of the following, three-hour examination papers and an engineering report. Candidates will be assigned examinations based on an assessment of their academic background. Examinations from discipline syllabi other than those specific to the candidates' discipline may be assigned at the discretion of PEO's Academic Requirement Committee.

BASIC STUDIES EXAMINATIONS

04-BS-1	Mathematics
04-BS-2	Probability and Statistics
04-BS-3	Statics and Dynamics
04-BS-4	Electric Circuits and Power
04-BS-5	Advanced Mathematics
04-BS-6	Mechanics of Materials
04-BS-7	Mechanics of Fluids
04-BS-10	Thermodynamics
04-BS-11	Properties of Materials
04-BS-12	Organic Chemistry
04-BS-14	Geology
04-BS-15	Engineering Graphics and Design Process

PROFESSIONAL EXAMS – SPECIFIC TO PETROLEUM ENGINEERING

GROUP A

17-Pet-A1	Principles of Stratigraphy and Sedimentation
17-Pet-A2	Petroleum Reservoir Fluids
17-Pet-A3	Fundamental Reservoir Engineering
17-Pet-A4	Oil and Gas Well Drilling and Completion
17-Pet-A5	Petroleum Production Operations
17-Pet-A6	Reservoir Mechanics
17-Pet-A7	Secondary and Enhanced Oil Recovery

GROUP B

17-Pet-B1	Well Logging and Formation Evaluation
17-Pet-B2	Natural Gas Engineering
17-Pet-B3	Oil and Gas Evaluation and Economics
17-Pet-B4	Petroleum Geology
17-Pet-B5	Well Testing

COMPLEMENTARY STUDIES

11-CS-1	Engineering Economics
11-CS-2	Engineering in Society – Health & Safety
11-CS-3	Sustainability, Engineering and the Environment
11-CS-4	Engineering Management
3.2	Engineering Report