

TOTAL EXAMINATION PROGRAM
PEO Syllabus of Examinations, 2004 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

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

GROUP B

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

COMPLEMENTARY STUDIES

98-CS-1	Engineering Economics
98-CS-2	Engineering in Society – Health, Safety, and the Environment
98-CS-3	Management Concepts for Engineers

3.2	Engineering Report
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