

## PETROLEUM ENGINEERING ACADEMIC ASSESSMENT CHECKLIST

The syllabus checklist below is based on the approved discipline topics used by APEGA's Executive Committee of the Board of Examiners (BOE) to either confirm or meet academic shortfalls or deficiencies. Please use in conjunction with the course descriptions provided here: <https://www.apega.ca/apply/exams/technical/courses/>.

*This form is provided for assessment purposes only (06.02.2020).*

2017		✓
<b>Preliminary Exams</b>	20-Prelim-1 Calculus	
	20-Prelim-2 Computing	
	20-Prelim-3 Physics	
	20-Prelim-4 Chemistry	
<b>Basic Studies &amp; Compulsory Exams</b>	04-BS-1 Mathematics	
	04-BS-2 Probability and Statistics	
	04-BS-3 Statics and Dynamics	
	04-BS-7 Mechanics of Fluids	
	04-BS-10 Engineering Thermodynamics	
	04-BS-14 Geology	
<b>Optional Exams (Requires 2)</b>	04-BS-4 Electric Circuits and Power	
	04-BS-5 Advanced Mathematics	
	04-BS-6 Mechanics of Materials	
	04-BS-11 Properties of Materials	
	04-BS-12 Organic Chemistry	
	04-BS-15 Engineering Graphics	
<b>Petroleum Group A (Requires 7)</b>	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	
<b>Petroleum Group B (Require 2)</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	
<b>Complementary Studies</b>	98-CS-1 Engineering Economics	
	98-CS-2 Engineering in Society - Health, Safety, and the Environment	
	98-CS-3 Management Concepts for Engineers	

