



The Association of Professional Engineers,  
Geologists and Geophysicists of Alberta

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**PETROLEUM ENGINEERING**  
**COURSE EQUIVALENTS**  
1998 Edition

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**98-PET-A1 Principles of Stratigraphy and Sedimentation**

EAS 222	Stratigraphy and Sedimentation	GLGY 381	Stratigraphy and Sedimentation
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**98-PET-A2 Petroleum Reservoir Fluids**

PET E 362	Petroleum Reservoir Fluids	ENCH 427	Chemical Engineering Thermodynamics
		& ENPE 523	Introduction to Reservoir Engineering

**98-PET-A3 Fundamental Reservoir Engineering**

**(Physical Properties and Flow of Fluid through Porous Media)**

PET E 295	Fundamental Petroleum Engineering	ENPE 513	Flow in Porous Media
		& ENPE 523	Introduction to Reservoir Engineering

**98-PET-A4 Oil and Gas Well Drilling and Completion**

PET E 364	Oil Well Drilling and Completion	ENPE 515	Drilling and Well Completions
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**98-PET-A5 Petroleum Production Operations**

PET E 366	Petroleum Production Operations	ENPE 533	Petroleum Production Engineering
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**98-PET-A6 Reservoir Mechanics**

PET E 473	Fundamental Reservoir Engineering	ENPE 523	Introduction to Reservoir Engineering
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**98-PET-A7 Secondary and Enhanced Recovery**

PET E 475	Applied Reservoir Engineering	ENPE 525	Water Flooding
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**OR**

PET E 634	Secondary Recovery		
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**98-PET-B1 Well Logging and Formation Evaluation**

PET E 465	Well Logging and Formation Evaluation	ENPE 507	Well Logging and Formation Evaluation
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**98-PET-B2 Natural Gas Engineering**PET E 644 Fluid Mechanics of Natural  
Gas Production

ENPE 523

Introduction to Reservoir  
Engineering**98-PET-B3 Oil and Gas Evaluation and Economics**PET E 484 Oil and Gas Property  
Evaluation

ENPE 423

Oil & Gas Engineering  
Process Development**98-PET-B4 Petroleum Geology**

EAS 430 Petroleum Geology

GLGY 377

Petroleum Engineering  
Geology**98-PET-B5 Well Testing**PET-E 368 Fundamentals of Well Test  
Analysis

ENPE 509

Well Testing

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