

Program “Quantitative Reservoir Characterization”

Month 1

Topic	Dates	hrs	Dates due
Skype introduction conference	1		
Video:			
Literature	1-30	8.0	30
Chapter 2: Fundamentals Q&A Chapter 2		4.0	7
Video:			
Chapter 5: Rock Properties and AVO Q&A Chapter 5		4.0	15
Video:			
Exercises: Geophysical Methods, QI, Effective Media, Elastic Impedance, Anisotropy	1-30	4.0	30
Ex_Gravity (computer)		0.5	11
Ex_Magnetics (computer)		0.5	14
Ex_CSEM I (Computer)		1.0	18
Ex_CSEM II (computer)		1.0	21
Ex_Effective Media (computer)		0.5	23
Ex_Tuning I: Amplitude (computer)		1.0	30
Video			
Skype progress conference	29		
Total		12.0	

Ref. Seismic Amplitude, An Interpreter’s Handbook, Rob Simm and Mike Bacon, ISBN 978-1-107-01150-2

Month 2

Topic	Dates	hrs	Dates due
Literature	1-30	8.0	30
Chapter 7: Amplitude and AVO Interpretation Q&A Chapter 7		4.0	7
Video:			
Chapter 8: Rock Physics for Seismic Modelling Q&A Chapter 8		4.0	15
Video:			
Exercises: AVO, AVA	1-30	6.0	30
Ex Reflection and Transmission (paper)		1.0	11
Ex_AVO (paper)		1.0	14
Ex_Tuning II: AVO (computer)		1.0	18
Ex_Porefluids		1.0	21
Ex_Gassmann fluid replacement (paper)		1.0	23
Ex_Rock Templates		1.0	30
Videos:			
Skype progress conference	29		
Total		14.0	

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Month 3

Topic	Dates	hrs	Dates due
Literature	1-30	8	30
Chapter 9: Seismic Trace Inversion Q&A Chapter 9		4.0	7
Chapter 10: Seismic Amplitude Applications Q&A Chapter 10		4.0	15
Video:			
Exercises: Direct Hydrocarbon Indicators	1-10	1.0	10
Ex_Dimming		1.0	11
Exercises: VOI	10-20	4.0	20
Ex_VOI		3.0	20
Video:			
Quiz		1	30
Skype final conference	29		
Total		13	30
Grand Total		39	

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For information on the fee and registration please contact info@epts.org .