



بسم الله الرحمن الرحيم
جمهورية السودان

THE REPUBLIC OF THE SUDAN

جامعة السودان للعلوم والتكنولوجيا
Sudan University of Science & Technology



08/87870

26 MAR 2014

College of Petroleum Engineering & Technology

0073047

OFFICIAL TRANSCRIPT

We the undersigned hereby certify that the Senate has awarded:

Esmaeil Alsir Mohammed Ahmed (Sudanese)

The Degree of Bachelor of Science (Honours) in Petroleum Engineering after completing the prescribed course and passing the final examination. The courses studied and grades obtained are as follows:

First Year: 2008/2009

First Semester				
Course	Hours	Grade		
Arabic Language 1	2	B		
Islamic Culture 1	2	B+		
English Language 1	2	B+		
Linear Algebra & Geometry	3	C		
General Physics 1	3	A		
General Chemistry	3	C+		
Engineering Mechanics (Statics)	3	F		
Engineering Drawing 1	2	F		
Sem. Hours	20	GPA	2.07	Academic Status
Total Hours	20	CGPA	2.07	-

Second Semester				
Course	Hours	Grade		
Arabic Language 2	2	A		
Islamic Culture 2	2	A		
English Language 2	2	B+		
Calculus	3	B		
Physics 2	3	A		
Engineering Mechanics (Dynamics)	3	A		
Engineering Mechanics (Statics)	3	F		
Fundamentals of Engineering	2	A		
Engineering Drawing 1	2	F		
Engineering Drawing 2	2	C		
Sem. Hours	24	GPA	2.42	Academic Status
Total Hours	39	CGPA	2.55	-

Second Year: 2009/2010

First Semester				
Course	Hours	Grade		
Engineering Mechanics (Statics)	3	C		
Engineering Drawing 1	2	C		
Arabic Language 3	2	A		
English Language 3	2	B+		
Islamic Culture 3	2	B+		
Linear Algebra & Multifunction Variables	3	B		
Principles of Electrical Engineering	3	C+		
Principles of Mechanical Engineering	2	B+		
Materials Science	2	C+		
Computer Science 1	2	B+		
Sem. Hours	23	GPA	2.67	Academic Status
Total Hours	57	CGPA	2.82	-

Second Semester				
Course	Hours	Grade		
Ordinary Differential Equations	3	A		
Basic of Industrial Safety	2	C+		
Mechanics of Materials	4	B+		
Petroleum Chemistry	2	D		
Computer Science 2 (Programming)	2	C		
Rock Mechanics	2	C+		
Introduction to Petroleum Engineering	2	A		
General Geology	2	B+		
Sem. Hours	19	GPA	2.80	Academic Status
Total Hours	76	CGPA	2.81	-

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Third Year: 2010/2011

First Semester				
Course	Hours	Grade		
Vectors Analysis	3	A		
Geophysics 1	3	D		
Structural Geology	2	C+		
Stratigraphy & Sedimentology	2	C		
Engineering Surveying 1	3	B+		
Fluid Mechanics 1	2	B+		
Thermodynamics	2	B		
Reservoir Rock Properties	2	B+		
Sem.Hours	19	GPA	2.64	Academic Status
Total Hours	95	CGPA	2.78	-

Second Semester				
Course	Hours	Grade		
Partial Differential Eqn & Complex Function	3	B+		
Statistics & Probability	3	B+		
Geophysics 2	2	C		
Fluid Mechanics 2	3	A		
Engineering Surveying 2	3	B+		
Heat & Mass Transfer	2	A		
Drilling Fluids	2	C		
Reservoir Fluid Properties	2	B		
Sem. Hours	20	GPA	2.83	Academic Status
Total Hours	115	CGPA	2.79	-

Fourth Year: 2011/2012

First Semester				
Course	Hours	Grade		
Numerical Analysis	3	A		
Computer Application 1	2	A		
Petroleum Geology	2	B+		
Reservoir Engineering 3	3	C+		
Well Logging 1	2	B+		
Oil & Gas Well Casing Desing	2	B+		
Drilling Tools	2	C		
Petroleum Natural Production Engineering	3	C		
Sem.Hours	19	GPA	2.73	Academic Status
Total Hours	134	CGPA	2.78	-

Second Semester				
Course	Hours	Grade		
Research Methodology	2	A		
Engineering Economic	2	A		
Well Logging 2	2	B+		
Computer Application 2	2	B+		
Well Cementing	-	Sub		
Artificial Lift	2	A		
Well Completion	3	C		
Oil Transportation & Storage	3	B+		
Sem. Hours	16	GPA	2.94	Academic Status
Total Hours	150	CGPA	2.80	-

Fifth Year: 2012/2013

First Semester				
Course	Hours	Grade		
Well Cementing	3	B+		
Eng. Project Management	2	A		
Production Surface Facilities	2	A		
Reservoir Simulation	3	C		
Drilling Engineering 5	3	A		
Well Testing	3	C+		
Petroleum Economics	2	B+		
Sem.Hours	18	GPA	2.84	Academic Status
Total Hours	168	CGPA	2.80	-

Second Semester				
Course	Hours	Grade		
Enhanced Oil Recovery	3	C		
Enviromental Engineering	2	C		
Oil Agreements	2	B		
Natural Gas Engineering	3	B		
Petroleum Refinery	2	B+		
Well Stimulation	2	B		
Project	6	A		
Sem. Hours	20	GPA	2.66	Academic Status
Total Hours	188	CGPA	2.79	-

Legend:

Grade	Grade point		Grade	Grade Point		Grade	Grade Point		Grade	Grade Point	
	From	To		From	To		From	To		From	To
Excellent: A+	3.6	4.0	Excellent: A	3.2	3.5	V.Good: B+	2.8	3.1	Good: B	2.6	2.7
Good: C+	2.4	2.5	Pass: C	2.0	2.3	Pass(Inferior): D	1.7	1.9	Fail: F	0.0	0.0
Deferred: DF	-	-	Absent: Abs	0.0	0.0	Substitution: Sub	-	-			
Pass			-			Academic Warning			A.W		
First Class	3.00-4.00		Second Class-Div.1	2.70-2.99		Second Class-Div.2	2.40-2.69		Third Class	2.00-2.39	



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Class of Award: Second Class - Division One

Date of Award: 19 September 2013

Cumulative Aggregate: 2.79

Date of Issue: 13/03/2014

REGISTRAR OFFICE

Dr. Amel Abdelatti Ahmed Nimir

Registrar

Dr. Sumya Abdelmoneim Mohamed

Dean

Prof. Osman Gamal Eldin Osman

Secretary of Academic Affairs

[[Any Alteration Invalidates this Certificate]]



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