

PETROLEUM TECHNOLOGY LEASE OPERATOR PROGRAM

Associate of Applied Science Degree

Catalog 2008-2009

SCHOOL OF ENERGY • 800 South Hutton • Farmington, NM 87401 • 505.327.5705

The Lease Operator Associate of Applied Science degree program is designed to provide technically oriented entry-level employees with knowledge and skills of production processes and equipment operation required to efficiently and safely monitor, troubleshoot and operate wells in their area of responsibility. They are the initial contact of the industry, responsible for the safe, efficient, and economically production of their assigned wells. The lease operator's skills and abilities have a direct impact on production levels and profits.

**Admission requirement require Instructor approval.** A student must earn a grade of "C" or higher in all courses to obtain a degree.

				Credit Hours	Grade
<b>1<sup>st</sup> Semester</b>					
_____	COMP	147	Introduction to Natural Gas Engine and Combustion	2	_____
_____	COSC	125	Business Microcomputer Applications <b>OR</b>		
_____	COSC	137	Energy Industry Microcomputer	3	_____
_____	LSOP	180	Cooperative Work Experience I	2	_____
_____	LSOP	111	Production Field Work	2	_____
_____	LSOP	112	WellHead Operation and Design	2	_____
_____	LSOP	113	Surface Equipment Prevention and Maintenance	2	_____
_____	SAFE	139	Composite Safety Week	3	_____
_____	SAFE	114	HazWoper 24 Hour	<u>2</u>	_____
				Total	21
<b>2nd Semester</b>					
_____	AOAP	125	Human Relations	3	_____
_____	LSOP	201	Basic Oil Measurement and Gauging	1	_____
_____	LSOP	202	Basic Field Gas Measurement	2	_____
_____	LSOP	203	Introduction to Wireline and Swab Techniques	1	_____
_____	LSOP	205	Beam Lift and Chemical Pump	2	_____
_____	LSOP	206	Reduced Production Rates	1	_____
_____	LSOP	207	Intro Plunger Lift	2	_____
_____	SAFE	111	Safety "Best" Awareness	0.5	_____
_____	SAFE	113	Confined Space – First Aid/CPR	0.5	_____
_____	SAFE	115	Haz Woper Refresher	0.5	_____
_____	SAFE	119	Defensive Driving Course	0.5	_____
_____	SAFE	122	Excavation/Trenching (CP)	0.5	_____
_____	SAFE	142	Initial Safety and H2S	0.5	_____
_____	SPCH	111	Interpersonal Communication <b>OR</b>		
_____	SPCH	120	Business and Professional Communication	<u>3</u>	_____
				Total	18
<b>Summer Session</b>					
_____	ENGL	111	Freshman Composition <b>OR</b>		
_____	ENGL	118	Technical Composition	3	_____
_____	LSOP	280	Cooperative Work Experience II	<u>15.5</u>	_____
				Total	18.5
<b>4th Semester</b>					
_____	ENGL	218	Advanced Technical Composition	3	_____
_____	GEOL	110	Introduction to Geology <b>OR</b>		
_____	GEOL	120	Introduction to Petroleum Geology	4	_____
_____	MATH	113	Applied Mathematics for Vocational Students <b>OR</b>	3	_____
_____	MATH	115	Intermediate Algebra and Applications	(4)	_____
_____	_____	_____	Social Science Elective*	<u>3</u>	_____
				Total	13-14

Total credit hours required is 70.5-71.5

\* See page 51 for Social Science Elective, 2008-2009 San Juan College catalog.