

PETROLEUM TECHNOLOGY LEASE OPERATOR PROGRAM

Associate of Applied Science Degree

Catalog 2009-2010

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		
1st Semester					
		Hours		Grade	
_____	COMP	147	Introduction to Natural Gas Engine and Combustion	2	_____
_____	COSC	125	Business Microcomputer Applications OR		
_____	COSC	137	Energy Industry Microcomputer	3	_____
_____	LSOP	111	Production Field Tech	2	_____
_____	LSOP	112	WellHead Operation and Design	2	_____
_____	LSOP	113	Surface Equipment Prevention and Maintenance	2	_____
_____	LSOP	180	Cooperative Work Experience I	5	_____
_____	SAFE	139	Composite Safety Week	3	_____
_____	SAFE	114	HazWoper 24 Hour	<u>2</u>	_____
			Total	21	
2nd Semester					
_____	AOAP	130	Human and Customer Relations (AOAP 125 is no longer available)	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	Introduction 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	0.5	_____
_____	SAFE	142	Initial Safety and H2S	0.5	_____
_____	SPCH	111	Interpersonal Communication OR		
_____	SPCH	120	Business and Professional Communication	<u>3</u>	_____
			Total	18	
Summer Session					
_____	ENGL	111	Freshman Composition OR		
_____	ENGL	118	Technical Composition	3	_____
_____	LSOP	280	Cooperative Work Experience II	<u>15.5</u>	_____
			Total	18.5	
4th Semester					
_____	ENGL	218	Advanced Technical Composition	3	_____
_____	GEOL	110	Introduction to Geology OR		
_____	GEOL	120	Introduction to Petroleum Geology	4	_____
_____	MATH	113	Applied Mathematics for Vocational Students OR	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 45 for Social Science Elective, 2009-2010 San Juan College catalog.