

# PETROLEUM TECHNOLOGY LEASE OPERATOR PROGRAM

Associate of Applied Science Degree

Catalog 2010-2011

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.

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

				<b>Credit Hours</b>	<b>Grade</b>
<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 111	Production Field Tech		2	_____
_____	LSOP 112	WellHead Operation and Design		2	_____
_____	LSOP 113	Surface Equipment Prevention and Maintenance		2	_____
_____	LSOP 181	Cooperative Work Experience I		7	_____
_____	SAFE 114	Haz Woper 24 Hour		2	_____
_____	SAFE 139	Composite Safety Training		<u>3</u>	_____
		Total		23	
<b>2nd Semester</b>					
_____	AOAP 130	Human and Customer Relations (AOAP 125 is no longer available)		3	_____
_____	COMM 111	Interpersonal Communication <b>OR</b>			
_____	COMM 120	Business and Professional Communication		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		<u>0.5</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	Math for Technical Careers <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 72.5-73.5

\* See page 37 for Social Science Elective, 2010-2011 San Juan College catalog.