

# PETROLEUM TECHNOLOGY LEASE OPERATOR PROGRAM

## Associate of Applied Science

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 economical production of their assigned wells. The lease operator's skills and abilities have a direct impact on production levels and profits.

Instructor approved admission requirement.

A student must earn a grade of "C" or higher in all courses to obtain a degree.

<b>1st Semester</b>		<b>Credits</b>
LSOP 111	Production Field Tech	2
SAFE 139	Composite Safety Training	3
COSC 137	Energy Industry Microcomputer OR	
COSC 125	Business Microcomputer Applications	3
LSOP 112	Wellhead Operation and Design	2
LSOP 113	Surface Equipment Preventive and Maintenance	2
SAFE 114	Haz Woper	2
COMP 147	Introduction to Natural Gas Engine and Combustion	2
LSOP 180	Cooperative Work Experience I	5
		Total 21
<b>2nd Semester</b>		
AOAP 125	Human Relations	3
SPCH 120	Business and Professional Communication OR	
SPCH 111	Interpersonal 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 115	Haz Woper Refresher	0.5
SAFE 111	Safety "Best" Awareness	0.5
SAFE 113	Confined Space - First Aid/CPR	0.5
SAFE 119	Defensive Driving Course	0.5
SAFE 122	Excavation/Trenching (CP)	0.5
SAFE 142	Initial Safety and H2S	0.5
		Total 18
<b>Summer Session</b>		
ENGL 118	Technical Composition OR	
ENGL 111	Freshman Composition	3
LSOP 280	Cooperative Work Experience II	15.5
		Total 18.5
<b>4th Semester</b>		
MATH 113	Applied Mathematics for Vocational Students OR	3
MATH 115	Intermediate Algebra and Applications	(4)
ENGL 218	Advanced Technical Composition	3
	Social/Science Elective	3
GEOL 120	Introduction to Petroleum Geology OR	
GEOL 110	Introduction to Geology	4
		Total 13
<b>Total Credits</b>		<b>70.5</b>