



# ASSOCIATE OF APPLIED SCIENCE (AAS)

## PETROLEUM TECHNOLOGY & AUTOMATION

Minimum required credits for AAS: 62

LAST NAME		FIRST NAME	STUDENT ID
DATE	MAJOR	ADVISOR	

**Campus Requirement:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		UNIV 100 College Strategies or 101 College Transitions	1		
<b>Total Credits:</b>			<b>1</b>		

**General Education Requirements:** (At least one course in each are must be taken):

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		Math, Computer Science (suggested: MATH 103)			
		Communication (suggested: ENGL 125)			
		Wellness			
		Humanities or Social Science			
<b>Total General Education Credits:</b>			<b>15</b>		

**Program Requirements:**

**Fall Semester 1:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		CIS 164 Networking Fundamentals I	3		
		PTLO 121 Petroleum Geology and Production	3		
		TECH 103 Direct & Alt. Current Circuit Analysis	3		
		TECH 105 Digital Logic & Control Electronics	3		

**Spring Semester 1:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		CIS 107 Fundamentals of Linux	2		
		PTLO 135 Hydraulics and Pneumatics	3		
		PTLO 122 Drilling and Well Control	3		



		TECH 130 Electric Motor Control [Prereq: TECH 103 & TECH 105]	3		
		TECH 143 Programmable Logic Controller Fundamentals [Prereq: TECH 103 & TECH 105]	3		

**Fall Semester 2:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		CIS 128 Microcomputer Hardware I	3		
		TECH 200 Process Control & Instrumentation	3		
		TECH 210 SCADA Fundamentals [Prereq: CIS 164 & TECH 143]	2		

**Spring Semester 2:**

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		CIS 129 Microcomputer Hardware II	3		
		COOP 197 Cooperative Education/Internship	1		
		PTLO 240 Well Completion and Workover [Prereq: PTLO 121 & PTLO 122]	3		
		TECH 220 Control System Instal. & Troubleshooting	3		
		<b>Total Program Requirements:</b>	<b>45</b>		

**Prep Classes:** These are classes taken based on placement score. They do not count toward graduation credits, but they do count toward scholarship and financial aid requirements.

School Taken	Term Taken	Course Name	Credit	Complete	Grade
		<b>Total Credits:</b>			