



Prior Learning Assessment and Recognition (PLAR) for PETE1390 – Field Placement.

Required Evidence

This section provides information on the evidence that a student must complete and submit to request PLAR credits for this course. To request PLAR credits for this course, please submit a copy of the [PLAR credit request form](#) and the required evidence to transfer@nait.ca.

Learning Outcomes	Required Evidence
Learning Outcome 1: Complete a Petroleum Engineering Technology related industry placement.	Completion of the Industry Competency Assessment Document by the program chair. See appendix A for the assessment document.
Learning Outcome 2: List daily job activities in a Log Book.	

Appendix A:

Petroleum Engineering Technology Industry Competency Assessment Document

Student Name: _____

Skills

Skill Description	Assessment Date	Assessor Name	Assessor Initials
1. Teardown, inspect and reassemble Triplex Pump			
2. Assemble and pressure test a process piping system according to a P&ID			
3. Operate a methanol injection pump and set the appropriate injection rate for hydrate control			
4. Operate a gas skid to measure flow through a choke to an orifice meter.			
5. Assemble a wellhead for a rod pumped well.			
6. Collect an emulsion sample and determine BS&W. Determine viscosity and density of oil samples.			
7. Operate a gas skid to measure flow through a choke to an orifice meter.			
8. Perform the procedures to execute a simulated Pulling out of Hole (POOH) and Run in Hole (RIH) with a drilling simulator.			
9. Collect data from a 3 Phase Separator and calculate well test parameters.			
10. Complete Auto Driller operation, rig data analysis, and Top Drive operation to drill a new section of vertical hole with a drilling simulator..			
11. Operate a gas skid to measure flow rate of gas and water from a two phase separator.			
12. Manipulate valves to circulated fluid through a wellbore.			

Work Place Documentation and Communication

Document Description	Assessment Date	Assessor Name	Assessor Initials
1. Conduct Industry Interviews			
2. Complete a Workplace inspections			
3. Complete a Hazard Assessment			
4. Complete an Incident Report			
5. Lead pre-job safety meeting			
6. Interview a placement company and present to a group of peers the outcome of the interview.			

Certifications

Certification Description	Assessment Date	Assessor Name	Assessor Initials
1. Complete 4 th Class Power Engineering Theory – Part A			
2. Complete Well Service Blowout Prevention Certificate			
3. Complete Well Service Blowout Prevention Certificate			
4. Complete Energy Safety Canada Common Safety Orientation			
5. Complete Energy Safety Canada H2S Alive			
6. Complete Standard First Aid with Level C CPR			
7. Complete NAIT TDG Certification			
8. Complete NAIT WHMIS Certification			
9. Complete ASET Ethics Workshop			