



Prior Learning Assessment and Recognition (PLAR) for POWT1255 – 4th Class Power Engineering Theory 1

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: Explain elementary principles of mechanics, thermodynamics, and chemistry as it pertains to Power Engineers.	<ul style="list-style-type: none">• Completion of the following courses: POWC400, POWC450 or POWC402 from NAIT
Learning Outcome 2: Explain piping, power and heating plant safety concepts, legislation and codes.	
Learning Outcome 3: Describe basic principles of environmental impacts and industrial communication.	
Learning Outcome 4: Describe materials, welding, piping and valves as it applies to the field of Power Engineering.	
Learning Outcome 5: Explain plant instrumentation, electrical equipment, electrical concepts and controls.	
Learning Outcome 6: Compare types of boilers, their construction, and operation.	