



Prior Learning Assessment and Recognition (PLAR) for CHEM1132 – General Chemistry

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 (unless it's a challenge exam or interview) to transfer@nait.ca.

Learning Outcomes	Required Evidence
Learning Outcome 1: Convert between the name and the chemical formula of inorganic compounds.	<ul style="list-style-type: none">• Completion of a 2-hour laboratory practical exam assessing minimum grade of 50%. As part of the exam, you will perform an acid-base titration to correctly determine the concentration of a NaOH solution. The evaluation of the practical exam will be based on laboratory technique (50%) and achieving the correct determination of the NaOH concentration of the solution (50%).• Completion of a theory challenge exam with a minimum grade of 50%. The challenge exam will assess learning outcomes 1 to 6. It consists of nomenclature, calculations, short answers, and drawing questions. You will have 3 hours to complete the exam. <p><i>The program area will contact you to determine the date and time for the demonstration and challenge exam once your PLAR credit request form has been processed.</i></p>
Learning Outcome 2: Solve stoichiometry problems associated with chemical formulas and reactions.	
Learning Outcome 3: Solve gravimetric analysis problems.	
Learning Outcome 4: Calculate solution concentrations and apply to solution preparation.	
Learning Outcome 5: Complete laboratory experiments associated with equilibrium concepts.	
Learning Outcome 6: Solve problems associated with electrochemical cells.	