



Carpentry – Applied Certificate

PLAR Candidate Guide

Prior Learning Assessment and Recognition (PLAR)

Copyright

No part of the work(s) contained herein may be reproduced or copied in any form or by any means – graphic, electronic, or mechanical, including photocopying, recording, taping of information and retrieval systems – without written consent of Saskatchewan Polytechnic.

Prior learning credit options at Saskatchewan Polytechnic

See [Get Credit for What you Know](#) for important information about all options to get credit for prior learning at Sask Polytech, including PLAR, transfer credit, Canadian Armed Forces credit, and equivalency credit.

How to navigate this document

This document contains links to other document sections or webpages. To return to where you were from another section in this document, press the *ALT* key and *left arrow* key at the same time. To return to this webpage from another webpage, close the other webpage or click back on the browser tab for this document.

Contents of this guide

This guide contains the following specific PLAR information and tools for this program

- A. [PLAR fees](#)
- B. [PLAR eligibility and options](#)
- C. [Dates when PLAR assessment is available](#)
- D. [Special directions for this program](#)
- E. [PLAR contact person](#)
- F. [Self-rating course outlines](#)

A. PLAR fees

Fees for PLAR challenges are set to cover our costs for consultation, assessment, and related administrative tasks. PLAR fees are non-refundable and non-transferrable.

The PLAR fees policy is subject to change for each new academic year. Please see the **Cost** section on the [PLAR webpage](#) for current fee information.

B. PLAR eligibility and options

To be eligible for PLAR for courses in this program, you must first apply for admission and be accepted into the program. You must also consult with the [PLAR contact person](#) and be approved for PLAR assessment.

Course prerequisites and corequisites

Some courses have one or more other courses that must be completed first (prerequisite) or at the same time (corequisite). See [course outlines](#) in this guide to identify any pre- or co-requisites for each course. Discuss with your [PLAR contact person](#) how to deal with courses with corequisites.

Block assessment

Some programs may assess a cluster of courses together in one block, which may save you time and effort. Ask the [PLAR contact person](#) whether there are any block assessment options in this program.

C. Dates when PLAR assessment is available

PLAR assessment for this program is available from Sept 1 to June 15 in each academic year.

All PLAR assessments must be completed by June 15 of each academic year.

D. Special directions for this program

1. **Review** the [PLAR process and FAQs](#) and the information in this guide.
2. **Self-rate** your learning for each course using the [Course Outlines](#) in this guide.
3. **Consult** with the [PLAR contact person](#) for PLAR approval. Be prepared to provide your resume, course self-ratings (see [section F](#)), and a partially completed [PLAR application](#). If you are approved for PLAR, the contact person will sign your PLAR application and explain next steps.
4. Apply for admission to the program. See [directions](#) for applying.
5. **Register** for PLAR at [Registration/Enrolment Services](#) once you have signed approval on your [PLAR Application Form](#). The PLAR fee will be added to your student account.
6. **Finalize** an assessment plan with your assigned assessor.
7. **Complete** assessment before your PLAR registration expires.

E. PLAR contact person

Contact one of the Program Heads below to arrange a consultation **after** you have read this guide and [general PLAR information](#) and rated yourself for each course (see next section). Consultation may be by phone, online, or in person. Be prepared to provide your resume, course self-ratings, and a partially completed [PLAR application](#). If agreement is reached to go ahead with PLAR, the contact person will sign approval on your PLAR application and explain the next steps. Admission to the program is required before you can register for PLAR.

Cory Mohr, Program Head
Saskatchewan Polytechnic
Moose Jaw/Regina Campus
Phone: 306 – 691 - 8438
Email: mohrco@saskpolytech.ca

Ryan Hooyenga, Program Head
Saskatchewan Polytechnic
Saskatoon/Prince Albert Campus
Phone: 306 – 659 - 4032
Email: hooyenga4058@saskpolytech.ca

F. Self-rating course outlines

Clicking on a course code below opens a page where you can rate yourself on the knowledge and skills assessed for PLAR credit. For Arts & Sciences courses, clicking on the course code opens another PLAR guide. The [PLAR contact person](#) for this program will refer you to another person to discuss PLAR for courses delivered by Arts & Sciences or another program/department.

COURSE CODE	COURSE NAME	Delivered by another department/program
Semester 1		
BPRT 127	Construction Documents	
CNST 126	Site Layout	
CONC 122	Concrete	
EQPT 126	Tools	
FNDT 120	Foundations	
FRMG 127	Introduction to Floor Framing	
FRMG 128	Introduction to Wall Framing	
FRMG 250	Roof Trusses	
INDG 100	Introduction to Indigenous Studies	Arts & Sciences

COURSE CODE	COURSE NAME	Delivered by another department/program
JOBS 125	Essential Job Skills	Arts & Sciences
MATE 126	Building Materials	
MATH 127	Trade Math	Arts & Sciences
PROJ 122	Projects	
SCAF 120	Scaffolds and Rigging	
SFTY 129	Safety Awareness	
WORK 125	Work Placement	

BPRT 127 - Construction Documents

You will identify industry standards used in construction documents such as line types, dimensioning, abbreviations, and symbols. You will learn to identify and interpret information found on site plans, elevation drawings, floor, and foundation plans. An introduction to zoning requirements and building permits will also be covered.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Identify construction document standards.			
2. Interpret elevation drawings and floor plans			
3. Interpret site plans, zoning and permits.			
4. Interpret footing and foundation plans.			

CNST 126 - Site Layout

You will learn how to calculate and establish construction elevations using a builder’s levels. You will be able to describe the procedures for performing as well as establish building lines using hand tools. You will also learn how to transfer elevations using a laser level.

Credit unit(s): 3.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Identify types of builder’s levels.			
2. Calculate elevations using a builder’s level.			
3. Establish elevations with a builder’s level.			
4. Describe the procedures for performing a site investigation.			
5. Layout a building with hand tools.			
6. Establish elevations with a laser level.			

CONC 122 - Concrete

You will learn the skills required to test, place, consolidate, finish, and cure concrete. Concrete maintenance and repair will also be covered.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Describe concrete mixes and admixtures.			
2. Perform a slump test.			
3. Perform placement, finishing and curing of concrete.			
4. Describe concrete maintenance repair.			

EQPT 126 - Tools

You will learn how to identify and safely use a wide variety of hand tools, portable power tools and stationary tools and equipment. You will also learn how to identify and use powder actuated tools.

Credit unit(s): 4.0
Prerequisites: PROJ 122
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Use of measuring, layout, and testing tools.			
2. Use cutting and boring hand tools.			
3. Use fastening and dismantling hand tools.			
4. Identify electrical systems for portable power tools.			
5. Use portable power tools.			
6. Identify the compressed air supply system.			
7. Use stationary power tools and equipment.			
8. Use powder actuated tools.			

FNDT 120 - Foundations

You will learn how to construct and install formwork for footings, grade beams, and slabs-on-grade. Various types of concrete formwork will be covered as well as procedures for installing reinforcing materials, miscellaneous inserts, and anchor bolts. Procedures for constructing permanent wood foundations will also be covered.

Credit unit(s): 4.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Construct formwork for footings.			
2. Construct grade beam formwork and pilings.			
3. Construct formwork for foundation walls.			
4. Identify procedures for foundation drainage damp proofing, water proofing, and backfilling.			
5. Construct formwork for slabs-on-grade.			
6. Identify concrete reinforcement.			
7. Identify procedures for permanent wood foundations.			

FRMG 127 – Introduction to Floor Framing

You will be introduced to various types of floor framing as well as procedures for installing floor sheathing. You will also learn basic principles required for deck construction.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Construct dimensional lumber floors.			
2. Construct engineered floor systems.			
3. Identify floor sheathing and installation procedures.			
4. Identify deck systems.			

FRMG 128 – Introduction to Wall Framing

You will be introduced to framing interior and exterior walls. This includes wood framed walls and steel stud walls. You will also learn how to install strapping, blocking, furring, and ceiling joists.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Construct exterior wall framing.			
2. Construct interior wall framing.			
3. Identify installation procedures for strapping, blocking, furring, and ceiling joists.			

MATH 127 – Trade Math

You will learn how to use whole numbers, common and decimal fractions, percentages, ratio and proportions, angular measurements, length, area, and volume measurements in the Imperial and metric system. You will also convert Imperial and metric measurements.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Operate an electronic calculator.			
2. Perform mathematical calculations used in the construction process.			
3. Use metric and Imperial systems of weights and measure.			
4. Perform mathematical calculations used in carpentry.			

FRMG 250 - Roof Trusses

You will learn how to lay out, assemble, erect and brace engineered roof trusses.

Credit unit(s): 1.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Identify types of roof trusses.			
2. Assemble engineered roof trusses.			

INDG 100 – Introduction to Indigenous Studies

You will receive an introduction to the Indigenous cultural groups within Saskatchewan. You will learn about the colonization of Indigenous peoples by the Canadian state. Your studies will help you discuss current issues and explore possible solutions.

Credit unit(s): 1.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Describe Indigenous nations of Saskatchewan.			
2. Explain how colonization has impacted Indigenous peoples.			
3. Discuss current issues and possible solutions.			

JOBS 125 - Essential Job Skills

You will develop essential job skills by preparing job search documents and practicing effective interpersonal communication skills for the workplace.

Credit unit(s): 1.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Discuss effective workplace interpersonal communications.			
2. Prepare job search documents.			

MATE 126 - Building Materials

You will learn to identify different types of wood and engineered products used in the construction industry. You will also study various types of fasteners, anchors, and metals.

Credit unit(s): 1.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Identify types of wood and lumber used in the construction industry.			
2. Identify types of engineered panels and products used in the construction industry.			
3. Identify fasteners, anchors, and metals used in the construction industry.			

PROJ 122 - Projects

You will apply the skills and knowledge acquired in EQPT 126 (Tools) to construct shop projects. Hands-on experience will help you acquire skills in using common tools of the trade.

Credit unit(s): 4.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Operate hand tools.			
2. Construct a project using hand tools.			
3. Operate portable power tools.			
4. Construct a project using portable power tools.			
5. Operate stationary tools.			
6. Construct a project using stationary tools.			

SCAF 120 - Scaffolds and Rigging

You will be able to describe procedures for safely using ladders and ramps. The course content includes procedures for erecting, maintaining, and dismantling various types of access scaffolds. You will also study basic rigging operations.

Credit unit(s): 1.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Describe the safe use of ladders and ramps.			
2. Describe the erection, maintenance, and dismantling of wood and metal access scaffolds.			
3. Identify basic rigging operations.			

SFTY 129 - Safety Awareness

You will acquire the knowledge and theory needed to recognize and protect yourself from unsafe conditions on the job site. You will learn how to apply Occupational Health and Safety regulations. You will focus on the theory needed to identify and describe personal protective equipment, fall protection, and work environment hazards.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Identify Occupational Health and Safety legislation.			
2. Select personal protective clothing and equipment.			
3. Identify fall protection equipment.			
4. Identify unsafe working environments			
5. Practice hazard identification and control.			
6. Identify Workplace Hazardous Materials Information System (WHMIS) 2015.			

WORK 125 - Work Placement

You will spend two weeks gaining experience in the construction industry. This will allow you to apply the technical skills and knowledge you acquired during the program. You will have the opportunity to select a company where you would like to complete your work experience.

Credit unit(s): 0.0
Prerequisites: none
Corequisites: none
Equivalent course(s): none

<p>Use a checkmark (✓) to rate yourself as follows for each learning outcome</p> <p>Competent: I can apply this outcome without direction or supervision. Learning: I am still learning skills and knowledge to apply this outcome. None: I have no knowledge or experience related to this outcome.</p>	Competent	Learning	None
1. Demonstrate safe work practices.			
2. Perform various construction tasks during on-the-job work experience.			
3. Demonstrate employability skills in the workplace.			