



Bricklayer Applied Certificate

PLAR Candidate Guide

Prior Learning Assessment and Recognition (PLAR)

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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

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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.

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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
BPRT 102	Construction Documents and Sketching	
EQPT 111	Tools, Equipment, and Masonry Materials	
JOBS 125	Essential Job Skills	Arts & Sciences
MATH 112	Trade Math	Arts & Sciences
MSON 100	Mortars	
MSON 101	Miscellaneous Masonry	
MSON 103	Site Layout	
SAFE 107	General Safety	
SCAF 103	Scaffolds	
SHOP 107	Shop Projects	

COURSE CODE	COURSE NAME	Delivered by another department/program
WALL 100	Walls	
WORK 112	Work Placement	

BPRT 102 – Construction Documents and Sketching

You will learn how to properly interpret basic construction documents. You will also cover sketching simple orthographic and isometric drawings. As well, you will be able to perform basic masonry estimating procedures.

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. Interpret construction documents.			
2. Prepare basic construction freehand sketches.			
3. Demonstrate the dimensioning of construction drawings.			
4. Perform basic masonry estimating.			

EQPT 111 – Tools, Equipment, and Masonry Materials

You will focus on the use of hand tools, power tools and various equipment used in the Bricklayer trade. The history, classification and manufacture of various masonry materials will be discussed. The properties, characteristics, sizes, and shapes of masonry units will be identified. You will also describe basic rigging and hoisting techniques.

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. Describe masonry hand tools.			
2. Use masonry hand tools.			
3. Describe portable power tools used in the masonry trade.			
4. Use portable power tools used in the masonry trade.			
5. Describe the safe use of powder actuated tools.			
6. Describe rigging and hoisting equipment.			
7. Describe the history, development, and manufacture of masonry materials.			
8. Identify the properties, characteristics, and classification of various masonry units.			

JOBS 125 – Essentials 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Prepare job search documents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MATH 112 – Trade Math

You will solve mathematics problems within the construction industry. You will convert units of measurement using the Imperial and Metric systems. You will then apply your knowledge to solve geometric problems found in the construction industry involving perimeters, areas, and volume.

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. Use basic mathematics.			
2. Solve geometric problems in the construction Industry.			

MSON 100 – Mortars

You will focus on the development of mortar, its properties, characteristics, uses, and the procedure for, mixing and handling. You will learn how to identify building code requirements. The course will include mortar spreading techniques and the types of mortar joints finishes.

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. Identify mortar ingredients for different mixes.			
2. Mix mortar by hand to a workable state.			
3. Mix mortar using a mixer to a workable state.			
4. Describe concrete design and mixing.			
5. Identify mortar joint finishes.			
6. Perform different mortar joint finishes.			
7. Identify building code requirements for mortars.			

MSON 101 – Miscellaneous Masonry

You will explore various masonry topics such as piling, pilasters, architectural trends, maintenance and cleaning, insulation, and vapor barriers. The proper design and material usage will be discussed. You will also study the various styles of masonry anchors.

Credit unit(s): 4.0
Prerequisites: none
Corequisites: MSON 100
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 piers and pilasters.			
2. Construct piers and pilasters.			
3. Identify bond beams and lintels.			
4. Construct bond beams and lintels.			
5. Describe masonry design and material usage.			
6. Describe maintenance of masonry wall systems.			
7. Identify masonry anchors.			
8. Identify air/vapor barriers and insulation.			

MSON 103 – Site Layout

You will focus on proper set-up techniques and organizing the job site through using principles of safety and efficiency.

Credit unit(s): 2.0
Prerequisites: none
Corequisites: SAFE 107, SCAF 103
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. Understand workplace functions.			
2. Identify job site set-up.			
3. Practice job site set-up.			
4. Identify building layout.			
5. Perform building layout procedures.			

SAFE 107 – General Safety

You will acquire general construction safety knowledge based on the interpretation of the Occupational Health and Safety Act and Regulations (OH&S), and the Saskatchewan Construction and Safety Association (SCSA) requirements.

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 (OH&S) regulations.			
2. Select personal protective clothing and equipment (PPE).			
3. Identify fall protection equipment.			
4. Identify unsafe working environments.			
5. Practice fire safety.			
6. Identify types of industrial health hazards.			
7. Identify Workplace Hazardous Materials Information System (WHMIS) 2015 Globally Harmonized System (GHS).			
8. Practice hazard recognition and control.			

SCAF 103 - Scaffolds

You will learn how to select and safely set up various types of scaffolding used in the masonry trade. The safety regulations in the Saskatchewan Occupational Health and Safety (OH&S) Act will be emphasized.

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 the safe use of ladders and scaffolding.			
2. Describe the erection, maintenance and dismantling of metal access scaffold.			
3. Identify equipment used for moving materials.			
4. Demonstrate the erection and dismantling of metal access scaffolding.			

SHOP 107 – Shop Projects

You will acquire practical skills in bricklaying by constructing various masonry projects that will focus on building wall systems, pilasters, and columns.

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 solid wall systems.			
2. Construct reinforced wall systems.			
3. Construct pilasters.			
4. Construct columns.			
5. Install air/vapour barrier and insulation.			

WALL 100 - Walls

You will gain hands-on practical experience in the design, layout, and construction of various wall systems according to the building code requirements.

Credit unit(s): 4.0
Prerequisites: none
Corequisites: MSON 100
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 masonry wall systems.			
2. Identify building code requirements for the different wall systems.			
3. Layout masonry wall systems.			
4. Construct cavity wall systems.			
5. Construct veneer wall systems.			

WORK 112 – Work Placement

You will acquire practical bricklaying experience on construction sites.

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 in the workplace.			
2. Perform various construction tasks during on the job work experience.			
3. Demonstrate employability skills in the workplace.			