Medical Device Reprocessing Technician Certificate of Achievement

PLAR Candidate Guide

Prior Learning Assessment and Recognition (PLAR)

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 you must 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. **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.
5. **Finalize** an assessment plan with your assigned assessor**.**
6. **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
MED 100	Foundations of Medical Device Reprocessing	
MED 101	Decontamination: Cleaning and Disinfection	
MED 102	Preparation and Packaging	
MED 103	Sterilization, Storage and Distribution	

MED 100 - Foundations of Medical Device Reprocessing

You will study the functioning of the medical device reprocessing (MDR) department and examine the roles and responsibilities of the medical device reprocessing technician (MDRT). You will study medical terminology, major body systems, microbiology, infection prevention and control, safety, and required Canadian Standards as they relate to MDR. You will observe the fundamentals and components of MDR in a work integrated learning experience in the MDR department.

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

Equivalent course(s): none

Use a checkmark (✓) to rate yourself as follows for each learning outcome **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.	**Competent**	**Learning**	**None**
1. Describe medical device reprocessing.			
2. Examine the roles and responsibilities of a medical device reprocessing technician.			
3. Identify the Canadian Standards applicable to medical device reprocessing.			
4. Identify medical terminology related to medical device reprocessing.			
5. Describe the structure and function of major body systems.			
6. Describe the principles of microbiology related to medical devices reprocessing.			
7. Discuss the methods of infection prevention and control related to medical device reprocessing.			
8. Identify workplace safety practices related to medical device reprocessing.			
9. Observe the fundamentals and components of a medical device reprocessing department.			

MED 101 - Decontamination: Cleaning and Disinfection

You will study the decontamination process in a medical device reprocessing (MDR) department. You will learn cleaning and disinfecting processes and the equipment used to decontaminate medical devices. You will learn the process of decontaminating surgical instruments, patient care equipment, and rigid and flexible endoscopy equipment. You will study policies and procedures related to the decontamination area. You will apply your knowledge during a work integrated learning experience in the MDR department.

Credit unit(s): 3.0
Prerequisites: MED 100

Corequisites: none
Equivalent course(s): none

Use a checkmark (✓) to rate yourself as follows for each learning outcome **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.	**Competent**	**Learning**	**None**
1. Identify decontamination in medical device reprocessing.			
2. Describe equipment used in decontamination.			
3. Discuss the decontamination of surgical instruments.			
4. Discuss the decontamination of patient care equipment.			
5. Discuss minimally invasive surgery (MIS) and rigid endoscopy equipment.			
6. Describe flexible endoscopy equipment.			
7. Identify standards, policies, and procedures related to decontamination.			
8. Apply the principles of decontamination, cleaning, and disinfection.			

MED 102 - Preparation and Packaging

You will study the inspection, sorting, assembling, and packaging of medical devices. You will study the classifications of surgical instruments and their preparation for sterilization. You will discuss wrapping, packaging, container systems, and sterility indicators. You will practice inspection, assembly, and packaging of instruments during a work integrated learning experience in the medical device reprocessing department.

Credit unit(s): 3.0
Prerequisites: MED 101
Corequisites: none
Equivalent course(s): none

Use a checkmark (✓) to rate yourself as follows for each learning outcome **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.	**Competent**	**Learning**	**None**
1. Discuss the assembly of instruments.			
2. Discuss sorting, lubrication, and inspection of instruments.			
3. Identify classification of surgical instruments.			
4. Discuss packaging, wrapping, and container systems related to medical device reprocessing.			
5. Identify sterility indicators related to medical device reprocessing.			
6. Practice the inspection, assembly, and packaging of instruments.			

MED 103 - Sterilization, Storage and Distribution

You will study the principles and methods of sterilization. You will study the monitoring criteria of sterilization and discuss the storage, and distribution of sterile supplies. You will review single use medical devices and loaner instruments. You will demonstrate sterilization, storage, and distribution during a work integrated learning experience in the medical device reprocessing department.

Credit unit(s): 3.0
Prerequisites: MED 102
Corequisites: none
Equivalent course(s): none

Use a checkmark (✓) to rate yourself as follows for each learning outcome **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.	**Competent**	**Learning**	**None**
1. Identify principles of sterilization.			
2. Describe steam sterilization.			
3. Describe Ethylene Oxide (EtO).			
4. Discuss low temperature sterilization.			
5. Identify monitoring criteria of the sterilization process.			
6. Discuss reprocessing of single use medical devices.			
7. Explain loaner instruments used in medical device reprocessing.			
8. Discuss storage and distribution of sterile and unsterile supplies.			
9. Demonstrate sterilization, storage and distribution.			