

# EDUCATION PATHWAYS GUIDE

2022-2023 ACADEMIC YEAR



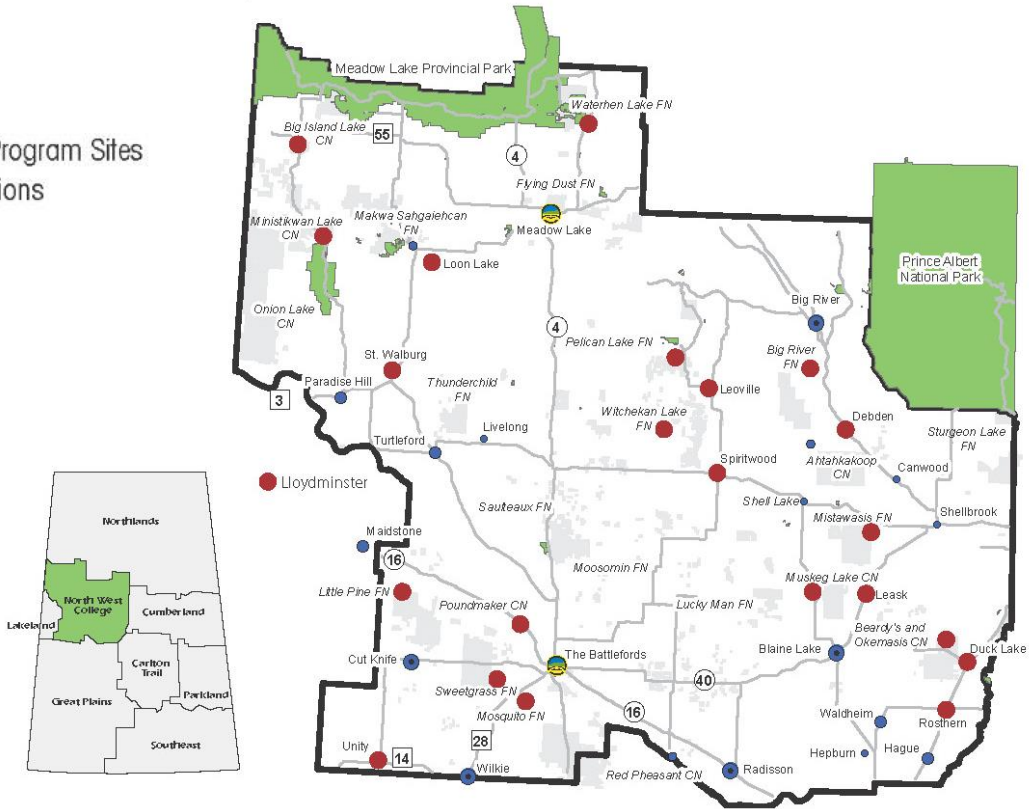
**North West  
College**

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# CAMPUS LOCATIONS

- 2018-2019 Program Sites
- Campus locations



**Meadow Lake Campus**  
 720 – 5<sup>th</sup> Street West  
 Meadow Lake, SK S9X 1T9  
 (306) 234-5100

**Battlefords Campus**  
 10702 Diefenbaker Drive  
 North Battleford, SK S9A 4A8  
 (306) 937-5100

# GENERAL INFORMATION

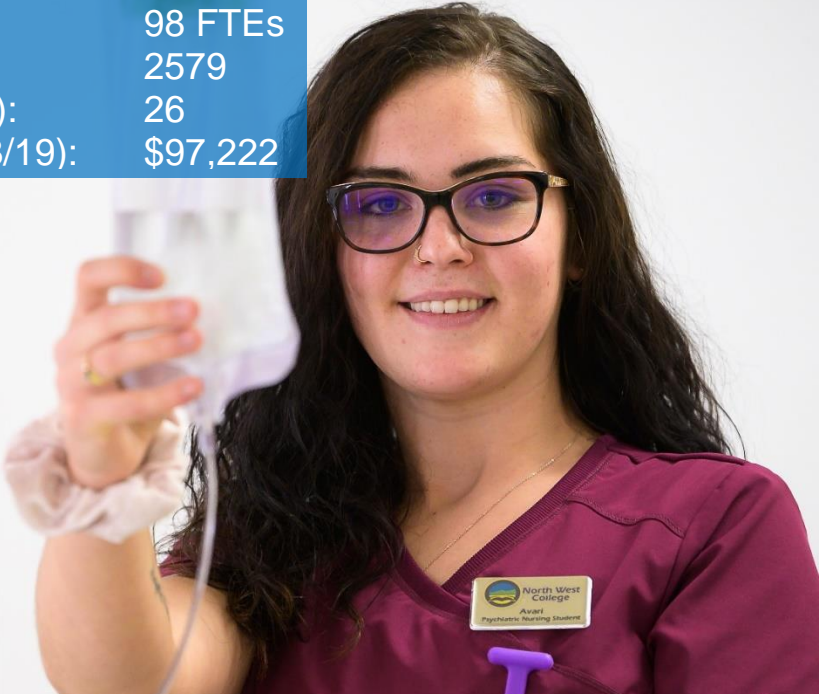
Apply by August 1<sup>st</sup> to access All Scholarship opportunities - First Qualified, First Admitted\*

For UofS and UofR students studying at North West College, please follow the University's deadline schedule.

\*For most Saskatchewan Polytechnic and Lakeland College programs.

# NORTH WEST COLLEGE BY THE NUMBERS

Financial Operations	\$12.9 M
Full-time Equivalent Staff:	98 FTEs
Students:	2579
Services Sites (see below):	26
Scholarships Awarded (18/19):	\$97,222



## 2022/2023 PROGRAMS MEADOW LAKE CAMPUS

Program	Partner Institution	Location	Start Date
<a href="#"><u>Carpentry Applied Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Feb. 6, 2023
<a href="#"><u>Continuing Care Assistant Certificate FT</u></a>	Saskatchewan Polytechnic	Meadow Lake	Aug. 29, 2022
<a href="#"><u>Culinary Arts</u></a>	Saskatchewan Polytechnic	Meadow Lake	Sep. 6, 2022
<a href="#"><u>Culinary Arts (International)</u></a>	Saskatchewan Polytechnic	Meadow Lake	Sep. 6, 2022
<a href="#"><u>Electrician Applied Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Sep. 12, 2022
<a href="#"><u>Food Service Cook</u></a>	Saskatchewan Polytechnic	Meadow Lake	Sep. 19, 2022
<a href="#"><u>Food Service Cook</u></a>	Saskatchewan Polytechnic	Meadow Lake	Mar. 6, 2023
<a href="#"><u>Forest to Fork Applied Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Aug. 22, 2022
<a href="#"><u>Hairstylist</u></a>	Saskatchewan Polytechnic	Meadow Lake	Aug. 1, 2022
<a href="#"><u>Heavy Equipment &amp; Truck &amp; Transport Technician Applied Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Feb. 6, 2023
<a href="#"><u>Office Administration Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Aug. 30, 2022
<a href="#"><u>Plumbing &amp; Pipefitting Applied Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Nov. 1, 2022
<a href="#"><u>University</u></a>	UofS & UofR	Meadow Lake	Varies
<a href="#"><u>Welding Certificate</u></a>	Saskatchewan Polytechnic	Meadow Lake	Sep. 2, 2022

\* Subject to Change

\*\* Program Details and Courses may vary from time of printing. Please visit [northwestcollege.ca](http://northwestcollege.ca) for the latest program information.

## 2022/2023 PROGRAMS BATTLEFORDS CAMPUS

<b>Program</b>	<b>Partner Institution</b>	<b>Location</b>	<b>Start Date</b>
<a href="#"><u>Business Certificate</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 29, 2022
<a href="#"><u>Business Management Year 1</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 29, 2022
<a href="#"><u>Business Management Year 1 (International)</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 29, 2022
<a href="#"><u>Continuing Care Assistant Certificate FT</u></a>	Saskatchewan Polytechnic	Battlefords	Sep. 6, 2022
<a href="#"><u>Continuing Care Assistant Certificate PT</u></a>	Saskatchewan Polytechnic	Battlefords	Sep. 1, 2022
<a href="#"><u>Continuing Care Assistant Certificate FT</u></a>	Saskatchewan Polytechnic	Shellbrook	Sep. 6, 2022
<a href="#"><u>Educational Assistant</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 29, 2022
<a href="#"><u>Hairstylist Certificate</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 23, 2022
<a href="#"><u>Industrial Mechanics (Millwrights)</u></a>	Saskatchewan Polytechnic	Battlefords	Feb. 1, 2023
<a href="#"><u>Practical Nursing Diploma</u></a>	Saskatchewan Polytechnic	Battlefords	Mar. 1, 2023 Program Full
<a href="#"><u>Psychiatric Nursing Diploma</u></a>	Saskatchewan Polytechnic	Battlefords	Aug. 29, 2022 Program Full
<a href="#"><u>University</u></a>	UofS & UofR	Battlefords	Varies

\* Subject to Change

\*\* Program Details and Courses may vary from time of printing. Please visit [northwestcollege.ca](http://northwestcollege.ca) for the latest program information.



## BUSINESS CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>The one-year Business certificate program prepares you for a wide variety of entry-level positions. The program provides a well-rounded business foundation. You'll learn core business concepts, including accounting, finance, management, computers, marketing, human resources and more.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>Accounting and related clerks (NOC 1431) in Saskatchewan for 2019 – 2021 period is good with a forecast of 800 jobs openings between 2019 – 2023.</li> <li>Accounting Technicians and Bookkeepers (NOC 1311) in Saskatchewan for 2019 - 2021 period is good with a forecast of 1,060 jobs openings between 2019 – 2023.</li> <li>Business management consulting (NOC 1122) is good with a forecast of 160 jobs openings between 2019 - 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table> <tr> <td>NOC 1431</td> <td>Accounting and related Clerks</td> <td>\$31,200 - \$65,000 per year</td> </tr> <tr> <td>NOC 1311</td> <td>Accounting Technicians and Bookkeepers</td> <td>\$33,280 - \$74,880 per year</td> </tr> <tr> <td>NOC 1122</td> <td>Business Management Consulting</td> <td>\$41,600 - \$106,680 per year</td> </tr> </table> <p>[Source: Relevance Magazine]</p>	NOC 1431	Accounting and related Clerks	\$31,200 - \$65,000 per year	NOC 1311	Accounting Technicians and Bookkeepers	\$33,280 - \$74,880 per year	NOC 1122	Business Management Consulting	\$41,600 - \$106,680 per year
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<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>									
<b>NORTH WEST COLLEGE</b>	<p><b>Business Certificate</b></p> <p>Dates: August 29, 2022 – April 29, 2023          Duration: 34 weeks          Delivery: Full-time          Method: Hybrid: face-to-face and online          Location: Battlefords Campus          Accreditation: Saskatchewan Polytechnic          Tuition: \$4, 337          Fees: \$50.00          Books: \$1,873.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Stan Wychopen Memorial BBEX Scholarship, Gold Eagle Lodge Scholarship, The Jim Pattison Broadcast</p>									

	Group North Battleford/Meadow Lake Division Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>  Transfer Credits may apply to:  Business Diploma (Saskatchewan Polytechnic)  Bachelor of Arts in Business Economics (U of S)  Bachelor of Commerce (U of S – Edwards School of Business)</p> <ul style="list-style-type: none"> <li>Block transfer full year into the Edwards School of Business.</li> </ul> <p>Bachelor of Administration (U of R – Hill School of Business)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits.</p>	<p><b>Possible Job Title:</b>  Management Trainee  Financial Officer  Accounting Clerk</p> <p>[Source: Saskatchewan Polytechnic website]</p>

### BUSINESS CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**  
**ACCT 122    Introductory Financial Accounting 1**

*Your studies will focus on an introduction to financial accounting designed to provide you with accounting skills to handle business transactions. The course will include bookkeeping techniques, accounting for a merchandising concern and control over cash and receivables. Accounting for payroll is also introduced in this course. ACCT 122 is a companion to ACCT 125 (Introductory Financial Accounting 2) which continues the study of basic financial accounting.*

**ADMIN 220    Organizational Behaviour**

*You will study human behaviour in organizations and develop the skills needed to deal with people at work. The course content includes individual behaviour, values, interpersonal relationships and communications, groups and team dynamics, organizational culture, leadership, and change. You will explore all the topics within the context of diverse formal organizations.*

**BCOM 105    Business Communications**

*You will develop fundamental employability skills through study of the principles of communication and active listening techniques. The course content includes development of effective writing skills and formatting. You will apply the principles and skills by writing business messages for positive, negative and persuasive purposes. You will examine ways to apply communication skills to cross-cultural situations. You will learn to apply effective presentation skills when delivering oral presentations and conducting business meetings. You will write short reports.*

**COMP 120    Information Systems**

*Your studies will focus on the practical use of Word, Excel, Outlook and PowerPoint from the Microsoft Office Professional software suite. You will learn a wide range of skills from intermediate to advanced in each of the applications.*



**ECON 100 Economics**

*You will study the basics of microeconomics and macroeconomics. Your studies will include economic theory, problems and solutions. You will gain an understanding in scarcity, opportunity costs, demand and supply; as well as how various market structures determine output and price. From a macro perspective you will learn about Gross Domestic Product, unemployment and inflation, the role of the government's spending and taxation, the Canadian banking system, foreign trade and other key macroeconomic variables.*

**ACCT 125 Introductory Financial Accounting 2**

*Your studies will focus on an introduction to financial accounting building on the skills you learned in ACCT 122 (Introductory Financial Accounting I). Your studies include these topics: accounting for property, plant and equipment assets, current and long-term liabilities, partnerships, and corporations. In addition, you will learn to prepare a cash flow statement and perform ratio analysis.*

**ACCT 136 Automated Financial Accounting 2**

*Using an automated accounting software package, you will learn how to enter transactions into journals (general, purchase, payments, sales, cash receipts and payroll) and ledgers (general, accounts receivable, accounts payable and payroll), learn to account for inventory, and learn to prepare banking records. You will also prepare the initial automated accounting setup for use by a company.*

**HR 120 Introduction to Human Resource Management**

*Your studies will focus on an overview of human resource management and practices. You will learn the impact of job analysis; planning, recruiting, and selection processes; training, developing and compensation considerations, and management performance and labour relations. Employee and organizational ethics are discussed throughout the course with an emphasis on using human resource management to achieve high organizational performance.*

**LAW 220 Commercial Law**

*Your studies will focus on the field of commercial law. You will examine in detail the concepts of contract law and how these concepts are influenced by various legislative acts and common law. Other legal concepts in your studies will focus on: torts, agency, various forms of business organizations, the sale of goods, employment, negotiable instruments, bailments, insurance, real and intellectual property, and secured transactions.*

**MATH 139 Business Mathematics**

*You will deal with business problems involving ratios, proportions and percent. You will study the mathematics of merchandizing by examining discounts and markups. You will deal with the concept of the time value of money and how it is applied to both simple and compound interest. You will study ordinary annuities and specifically how they relate to mortgages.*

**MKTG 120 Marketing**

*You will discover the dynamic field of marketing. You will explore what marketing is, how it works, and the effect it can have on consumers and on society. At the end of the course, you should have a strong sense of how to market ideas, skills, as well as products and services. Marketing concepts you will learn include: the strategic marketing planning process, market research, segmentation, positioning, consumer behaviour, and the marketing mix.*

**BUS 104 Introduction to Business**

*You will be introduced to fundamentals of business. You will study structures, activities and forces that impact businesses. The course will explore the importance of ethical business practices, corporate social responsibility, and economic diversity in the global economy. You will begin your*



<b>NORTH WEST COLLEGE</b>	<p align="center"><b>Business Management Diploma – Year 1</b></p> <p>Dates: August 29, 2022 – April 29, 2023  Duration: 34 weeks  Delivery: Full-time  Method: Hybrid: face-to-face and online  Location: Battlefords  Accreditation: Saskatchewan Polytechnic  Tuition: \$4,337  Tuition (International): \$13,000  Fees: \$50.00  Books: \$1,873 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>  Transfer Credits may apply to:  Bachelor of Arts in Business Economics (U of S)  Bachelor of Commerce (U of S – Edwards School of Business)</p> <ul style="list-style-type: none"> <li>Block transfer full year into the Edwards School of Business.</li> </ul> <p>Bachelor of Administration (U of R – Hill School of Business)  Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>Human Resources Administrator</li> <li>Logistics Manager</li> <li>Administrative Supervisor</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

## BUSINESS MANAGEMENT – YEAR 1 COURSE BREAKDOWN

**Code            Name**

### **ACCT 122    Introductory Financial Accounting 1**

*Your studies will focus on an introduction to financial accounting designed to provide you with accounting skills to handle business transactions. The course will include bookkeeping techniques, accounting for a merchandising concern and control over cash and receivables. Accounting for payroll is also introduced in this course. ACCT 122 is a companion to ACCT 125 (Introductory Financial Accounting 2) which continues the study of basic financial accounting.*

### **ADMIN 220    Organizational Behaviour**

*You will study human behaviour in organizations and develop the skills needed to deal with people at work. The course content includes individual behaviour, values, interpersonal relationships and communications, groups and team dynamics, organizational culture,*

leadership, and change. You will explore all the topics within the context of diverse formal organizations.

### **BCOM 105 Business Communications**

*You will develop fundamental employability skills through study of the principles of communication and active listening techniques. The course content includes development of effective writing skills and formatting. You will apply the principles and skills by writing business messages for positive, negative and persuasive purposes. You will examine ways to apply communication skills to cross-cultural situations. You will learn to apply effective presentation skills when delivering oral presentations and conducting business meetings. You will write short reports.*

### **BUS 104 Introduction to Business**

*You will be introduced to fundamentals of business. You will study structures, activities and forces that impact businesses. The course will explore the importance of ethical business practices, corporate social responsibility, and economic diversity in the global economy. You will begin your exploration of the functional business areas of leadership, human resources, operations, marketing, accounting, finance, and entrepreneurship. The course will prepare you for further study in these areas and others. You will work on a business case and prepare a simple business plan*

### **COMP 120 Information Systems**

*Your studies will focus on the practical use of Word, Excel, Outlook and PowerPoint from the Microsoft Office Professional software suite. You will learn a wide range of skills from intermediate to advanced in each of the applications.*

### **ECON 120 Microeconomics**

*Your studies will focus on an introduction to microeconomics. You will learn how individuals, businesses and governments make decisions in a world of scarce resources and unlimited wants. You will study how production and consumption choices are made in a market economy. You will learn to analyze economic fundamentals in supply, demand, costs, response to price changes, and income distribution. Finally, you will gain an understanding of the most common market structures along with their price and output determination in the Canadian economic marketplace.*

### **ACCT 125 Introductory Financial Accounting 2**

*Your studies will focus on an introduction to financial accounting building on the skills you learned in ACCT 122 (Introductory Financial Accounting I). Your studies include these topics: accounting for property, plant and equipment assets, current and long-term liabilities, partnerships, and corporations. In addition, you will learn to prepare a cash flow statement and perform ratio analysis.*

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**LAW 220 Commercial Law**

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***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***

# CARPENTRY APPLIED CERTIFICATE



**North West  
College**

<b>CAREER OVERVIEW</b>	<p>This certificate program will get you started in the largest trade in the construction industry. The program will provide practical knowledge and skills in tools and equipment, construction documents and quantity survey, site layout and concrete, footings and foundations, framing and building envelope, exterior finishing and roof coverings, interior finishing and cabinets, materials and scaffolds as well as trade math and communications.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Carpenters (NOC 7271) in Saskatchewan the employment outlook will be fair for the 2021-2023 period with a forecast of 1,130 jobs openings between 2019 – 2023.</li> <li>• Concrete finishers (NOC 7282) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 30 jobs openings between 2019 – 2023.</li> <li>• Construction trades helpers and labourers (NOC 7611) is limited with a forecast of 750 jobs openings between 2019 - 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table border="0"> <tr> <td>NOC 7271</td> <td>Carpenters</td> <td>\$37,810 - \$73,840 per year</td> </tr> <tr> <td>NOC 7282</td> <td>Concrete Finishers</td> <td>\$41,600 - \$68,640 per year</td> </tr> <tr> <td>NOC 7611</td> <td>Construction Trades Helpers and Labourers</td> <td>\$31,200 - \$62,400 per year</td> </tr> </table> <p>[Source: Relevance Magazine]</p>	NOC 7271	Carpenters	\$37,810 - \$73,840 per year	NOC 7282	Concrete Finishers	\$41,600 - \$68,640 per year	NOC 7611	Construction Trades Helpers and Labourers	\$31,200 - \$62,400 per year									
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<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 10</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>																		
<b>NORTH WEST COLLEGE</b>	<p style="text-align: center;"><b>Carpentry Applied Certificate</b></p> <table border="0"> <tr> <td>Dates:</td> <td>February 6, 2023 – June 23, 2023</td> </tr> <tr> <td>Duration:</td> <td>18 weeks</td> </tr> <tr> <td>Delivery:</td> <td>Full-time</td> </tr> <tr> <td>Method:</td> <td>Hybrid: face-to-face and online</td> </tr> <tr> <td>Location:</td> <td>Meadow Lake Campus</td> </tr> <tr> <td>Accreditation:</td> <td>Saskatchewan Polytechnic</td> </tr> <tr> <td>Tuition:</td> <td>\$2,643.00</td> </tr> <tr> <td>Fees:</td> <td>\$50.00</td> </tr> <tr> <td>Books:</td> <td>\$790.00 (Estimates)</td> </tr> </table> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369</p>	Dates:	February 6, 2023 – June 23, 2023	Duration:	18 weeks	Delivery:	Full-time	Method:	Hybrid: face-to-face and online	Location:	Meadow Lake Campus	Accreditation:	Saskatchewan Polytechnic	Tuition:	\$2,643.00	Fees:	\$50.00	Books:	\$790.00 (Estimates)
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	Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Framer</li> <li>• Concrete Former</li> <li>• Exterior/Interior Finisher</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

### CARPENTRY APPLIED CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**BPRT 127      Construction Documents**

*You will learn how to identify and use basic construction drawings to determine the location, sizes, and types of materials required for residential buildings. You will also be able to interpret building codes and permits.*

**CNST 126      Site Layout**

*You will learn how to calculate and establish construction elevations using 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.*

**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.*

**EQPT 126      Tools**

*You will learn how to select and properly 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.*

**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.*

**FRMG 126      Floor Framing**

*You will learn to assemble various types of floor systems as well as procedures for installing floor sheathing. You will also learn basic principles required for deck construction.*

**FRMG 221      Wall Systems**

*You will learn how to construct wood frame walls, steel stud walls and ceiling joists. Installing strapping, blocking and furring is also covered.*

**FRMG 250      Roof Trusses**

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

**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.*

**MATE 126 Building Materials**

*You will learn to identify different types of wood and non-wood products used in the construction industry as well as various types of mechanical and non-mechanical fasteners and anchors.*

**MATH 140 Trade Math**

*You will study basic math operations involving whole numbers, common and decimal fractions, percentages, and ratios and proportions. You will also perform length, area and volume calculations, and conversions involving the Imperial and Metric systems of measurement.*

**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.*

**SCAF 120 Scaffolds and Rigging**

*You will receive the theory and hands on experience needed for the safe use of ladders, ramps and runways used in construction. The course content includes erecting, maintaining and dismantling various types of access scaffolds and rigging and hoisting equipment.*

**SFTY 129 Safety Awareness**

*You will learn to apply occupational health and safety regulations. You will be able to identify and describe personal protective equipment, fall protection, working environment hazards, and industrial health hazards.*

**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.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## CONTINUING CARE ASSISTANT CERTIFICATE – FT - Battlefords

<b>CAREER OVERVIEW</b>	<p>If you enjoy caring for others, the Continuing Care Assistant program might be right for you. You will work directly with clients in long-term care, home care, assisted living, and even special needs classrooms. You will help them with mobility, personal care, assisting them to eat their meals and medication monitoring. Your clinical work experiences will give you a taste of different work settings and offer you a strong foundation as a health care support staff.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Nurse Aides, Orderlies and Patient Services Associates (NOC 3413) in Saskatchewan for 2019 – 2021 period is good with a forecast of 1,720 jobs openings between 2019 – 2023.</li> <li>• Home Support Workers, Housekeepers and Related Occupations (NOC 4412) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 570 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <p>NOC 3413 Nurse Aides, Orderlies and Patient Services Associates \$32,910 - \$49,920 per year</p> <p>NOC 4412 Home Support Workers, Housekeepers and Related Occupations \$27,100 - \$52,000 per year</p> <p>[Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12 A criminal record check, vulnerable sector search, and First Aid &amp; Health Care First Aid certificate will be required.</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Continuing Care Assistant Certificate</b></p> <p>Dates: September 6, 2022 – May 9, 2023 Duration: 35 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Battlefords Campus Accreditation: Saskatchewan Polytechnic Tuition: \$4,778.00 Fees: \$50.00 Books: \$1,025.00 (Estimates)</p>

	<p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: One credit towards the Practical Nursing Diploma (Sask Poly) Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Continuing Care Assistant</li> <li>• Special Care Aide</li> <li>• Home Health Aide</li> </ul> <p>[Saskatchewan Polytechnic website]</p>

### CONTINUING CARE ASSISTANT CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**

**ANAT 100    Body Systems**

*You will receive a basic introduction to body systems. You will study the structure of organs and systems in the human body, and how they function efficiently.*

**CLIN 100    Clinical-1 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that site. You will assist clients who require personal care/comfort.*

**COMM 291   Interpersonal Communications**

*You will develop employability skills through the study of interpersonal communications theory and applications in the workplace. Learning outcomes include the importance of self-awareness and self-esteem, perception problems, verbal and nonverbal messages, listening skills, creating positive communication climates and resolving interpersonal conflict.*

**DEMC 183   Dementia Behaviour**

*Your studies will address causes, stages and behaviours of dementia, behaviour mapping techniques and interventions that promote optimal level of functioning.*

**SFTY 194    Professional Assault Response Training (PART)**

*You will participate in professional assault response training to provide you with defensive and preventive skills. Upon successfully completing the course, you will receive a Professional Assault Response Training (PART) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH).*

**SPCR 100 Transferring Lifting Repositioning (TLR®)©**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**SPCR 101 Observing, Reporting, and Recording**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**SPCR 104 Personal Care 1**

*You will have the opportunity to become skilled at assisting clients in meeting personal care needs. You will study infection control, body mechanics, bed making, positioning clients, range of motion, oral care, and assisting to feed clients.*

**SPCR 105 Personal Care 2**

*Building on the skills you learned in Personal Care 1, you will become skilled at assisting clients in meeting personal care needs. You will study grooming and dressing, foot and nail care, and elimination care.*

**SPCR 180 Safe Environment**

*You will learn how to promote client independence in a safe, comfortable and pleasant environment. You will study fire safety, emergency response and WHMIS.*

**SPCR 192 Personal Competence**

*Your studies will focus on the goals and philosophy of Health Care Services in Saskatchewan. You will learn how these goals are reflected in the activities of the agency and on your role as a caregiver. You will learn about your role in providing care services within a multicultural dynamic setting. The course content also includes interprofessional work environments, personal health, employability skills, and types of abuse (for example: caregiver, neglect and abandonment, sexual and financial).*

**CLIN 219 Clinical-2 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that clinical site. You will provide care for clients who require assistance with activities of daily living.*

**CLIN 232 Clinical Home Care/Community Services**

*In the home care/community services clinical setting, you will work under the supervision of a buddy or a staff member. You will demonstrate employability skills, comply with agency policies and procedures, communicate effectively, provide basic client care, and ensure client and personal safety.*

**COMM 197 Helping Skills**

*You will utilize a communication framework to facilitate a helping relationship with your clients.*

**DEMC 280 Dementia Family Care**

*You will learn how those with dementia are assessed and how to intervene in emergency situations. You will discuss environments and issues related to institutional care placement and the impact dementia has on families.*

**HUMD 187 Human Growth and Development**

*You will learn the physical, social, intellectual and emotional aspects of human growth and development from infancy to old age. You will also study the effects of aging on society.*

**NUTR 198 Nutrition**

*You will learn normal nutritional requirements based on Eating Well with Canada's Food Guide. The course content also includes exploring how to maintain optimal nutritional balance for your clients.*

**SANT 181 FoodSafe Level 1**

*You will learn sanitary food handling techniques that reduce the risk of food poisoning. You will receive a Food Safe certificate from the Department of Health provided you receive a grade of 70% or higher.*

**SPCR 102 End of Life Care**

*Your studies will cover death and dying in the Canadian context. You will study the basic needs and interventions of the dying client. You will also cover grief, the grieving process and the impact of life threatening illnesses on the family members.*

**SPCR 103 Assisting with Special Procedures**

*You will be introduced to the Continuing Care Assistant's role in assisting with special procedures. You will learn the concepts of delegation, carry out basic measurements, perform simple treatments and be introduced to client assessment. You will also learn the Continuing Care Assistant's role in assisting clients with medications.*

**SPCR 184 Post Acute Care**

*You will acquire the theory and develop the skills needed to help clients meet their needs in the post acute care phase. This may include post surgical clients or clients with recent acute medical conditions.*

**SPCR 284 Special Needs 1**

*Your studies will cover the basic needs and interventions of clients with disruptions in their sensory organs, body systems (i.e. cardiovascular, musculoskeletal, neurological and endocrine) and body functions (i.e. genitourinary and gastro-intestinal).*

**SPCR 285 Special Needs 2**

*Your studies will cover the basic needs and interventions of clients with infectious diseases, cancer, altered mental abilities, disruption in mental health, alcohol dependency and drug dependency.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***

## CONTINUING CARE ASSISTANT CERTIFICATE – FT – Meadow Lake

<b>CAREER OVERVIEW</b>	<p>If you enjoy caring for others, the Continuing Care Assistant program might be right for you. You will work directly with clients in long-term care, home care, assisted living, and even special needs classrooms. You will help them with mobility, personal care, assisting them to eat their meals and medication monitoring. Your clinical work experiences will give you a taste of different work settings and offer you a strong foundation as a health care support staff.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Nurse Aides, Orderlies and Patient Services Associates (NOC 3413) in Saskatchewan for 2019 – 2021 period is good with a forecast of 1,720 jobs openings between 2019 – 2023.</li> <li>• Home Support Workers, Housekeepers and Related Occupations (NOC 4412) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 570 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p><b>Earning Potential:</b></p> <p>NOC 3413 Nurse Aides, Orderlies and Patient Services Associates \$32,910 - \$49,920 per year</p> <p>NOC 4412 Home Support Workers, Housekeepers and Related Occupations \$27,100 - \$52,000 per year</p> <p>[Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12 A criminal record check, vulnerable sector search, and First Aid &amp; Health Care First Aid certificate will be required.</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Continuing Care Assistant Certificate</b></p> <p>Dates: August 29, 2022 – April 28, 2023 Duration: 35 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Meadow Lake Campus Accreditation: Saskatchewan Polytechnic Tuition: \$4,826.00 Fees: \$50.00 Books: \$1,200.00 (Estimates)</p>

	<p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: One credit towards the Practical Nursing Diploma (Sask Poly)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Continuing Care Assistant</li> <li>• Special Care Aide</li> <li>• Home Health Aide</li> </ul> <p>[Saskatchewan Polytechnic website]</p>

### CONTINUING CARE ASSISTANT CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**

**ANAT 100    Body Systems**

*You will receive a basic introduction to body systems. You will study the structure of organs and systems in the human body, and how they function efficiently.*

**CLIN 100    Clinical-1 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that site. You will assist clients who require personal care/comfort.*

**COMM 291    Interpersonal Communications**

*You will develop employability skills through the study of interpersonal communications theory and applications in the workplace. Learning outcomes include the importance of self-awareness and self-esteem, perception problems, verbal and nonverbal messages, listening skills, creating positive communication climates and resolving interpersonal conflict.*

**DEMC 183    Dementia Behaviour**

*Your studies will address causes, stages and behaviours of dementia, behaviour mapping techniques and interventions that promote optimal level of functioning.*

**SFTY 194    Professional Assault Response Training (PART)**

*You will participate in professional assault response training to provide you with defensive and preventive skills. Upon successfully completing the course, you will receive a Professional Assault Response Training (PART) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH).*

**SPCR 100    Transferring Lifting Repositioning (TLR®)©**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) ©*

certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.

**SPCR 101 Observing, Reporting, and Recording**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**SPCR 104 Personal Care 1**

*You will have the opportunity to become skilled at assisting clients in meeting personal care needs. You will study infection control, body mechanics, bed making, positioning clients, range of motion, oral care, and assisting to feed clients.*

**SPCR 105 Personal Care 2**

*Building on the skills you learned in Personal Care 1, you will become skilled at assisting clients in meeting personal care needs. You will study grooming and dressing, foot and nail care, and elimination care.*

**SPCR 180 Safe Environment**

*You will learn how to promote client independence in a safe, comfortable and pleasant environment. You will study fire safety, emergency response and WHMIS.*

**SPCR 192 Personal Competence**

*Your studies will focus on the goals and philosophy of Health Care Services in Saskatchewan. You will learn how these goals are reflected in the activities of the agency and on your role as a caregiver. You will learn about your role in providing care services within a multicultural dynamic setting. The course content also includes interprofessional work environments, personal health, employability skills, and types of abuse (for example: caregiver, neglect and abandonment, sexual and financial).*

**CLIN 219 Clinical-2 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that clinical site. You will provide care for clients who require assistance with activities of daily living.*

**CLIN 232 Clinical Home Care/Community Services**

*In the home care/community services clinical setting, you will work under the supervision of a buddy or a staff member. You will demonstrate employability skills, comply with agency policies and procedures, communicate effectively, provide basic client care, and ensure client and personal safety.*

**COMM 197 Helping Skills**

*You will utilize a communication framework to facilitate a helping relationship with your clients.*

**DEMC 280 Dementia Family Care**

*You will learn how those with dementia are assessed and how to intervene in emergency situations. You will discuss environments and issues related to institutional care placement and the impact dementia has on families.*

**HUMD 187 Human Growth and Development**

*You will learn the physical, social, intellectual and emotional aspects of human growth and development from infancy to old age. You will also study the effects of aging on society.*

**NUTR 198 Nutrition**

*You will learn normal nutritional requirements based on Eating Well with Canada's Food Guide. The course content also includes exploring how to maintain optimal nutritional balance for your clients.*

**SANT 181 FoodSafe Level 1**

*You will learn sanitary food handling techniques that reduce the risk of food poisoning. You will receive a Food Safe certificate from the Department of Health provided you receive a grade of 70% or higher.*

**SPCR 102 End of Life Care**

*Your studies will cover death and dying in the Canadian context. You will study the basic needs and interventions of the dying client. You will also cover grief, the grieving process and the impact of life threatening illnesses on the family members.*

**SPCR 103 Assisting with Special Procedures**

*You will be introduced to the Continuing Care Assistant's role in assisting with special procedures. You will learn the concepts of delegation, carry out basic measurements, perform simple treatments and be introduced to client assessment. You will also learn the Continuing Care Assistant's role in assisting clients with medications.*

**SPCR 184 Post Acute Care**

*You will acquire the theory and develop the skills needed to help clients meet their needs in the post acute care phase. This may include post surgical clients or clients with recent acute medical conditions.*

**SPCR 284 Special Needs 1**

*Your studies will cover the basic needs and interventions of clients with disruptions in their sensory organs, body systems (i.e. cardiovascular, musculoskeletal, neurological and endocrine) and body functions (i.e. genitourinary and gastro-intestinal).*

**SPCR 285 Special Needs 2**

*Your studies will cover the basic needs and interventions of clients with infectious diseases, cancer, altered mental abilities, disruption in mental health, alcohol dependency and drug dependency.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## CONTINUING CARE ASSISTANT CERTIFICATE – FT - Shellbrook

<b>CAREER OVERVIEW</b>	<p>If you enjoy caring for others, the Continuing Care Assistant program might be right for you. You will work directly with clients in long-term care, home care, assisted living, and even special needs classrooms. You will help them with mobility, personal care, assisting them to eat their meals and medication monitoring. Your clinical work experiences will give you a taste of different work settings and offer you a strong foundation as a health care support staff.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Nurse Aides, Orderlies and Patient Services Associates (NOC 3413) in Saskatchewan for 2019 – 2021 period is good with a forecast of 1,720 jobs openings between 2019 – 2023.</li> <li>• Home Support Workers, Housekeepers and Related Occupations (NOC 4412) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 570 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <p>NOC 3413 Nurse Aides, Orderlies and Patient Services Associates \$32,910 - \$49,920 per year</p> <p>NOC 4412 Home Support Workers, Housekeepers and Related Occupations \$27,100 - \$52,000 per year</p> <p>[Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12 A criminal record check, vulnerable sector search, and First Aid &amp; Health Care First Aid certificate will be required.</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Continuing Care Assistant Certificate</b></p> <p>Dates: Sep 6, 2022 - May 5, 2023 Duration: 35 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Shellbrook Campus Accreditation: Saskatchewan Polytechnic Tuition: \$ 4461.00 Fees: \$50.00 Books: \$ 1500.00(Estimates)</p>

	<p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: One credit towards the Practical Nursing Diploma (Sask Poly)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Continuing Care Assistant</li> <li>• Special Care Aide</li> <li>• Home Health Aide</li> </ul> <p>[Saskatchewan Polytechnic website]</p>

### CONTINUING CARE ASSISTANT CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**

**ANAT 100    Body Systems**

*You will receive a basic introduction to body systems. You will study the structure of organs and systems in the human body, and how they function efficiently.*

**CLIN 100    Clinical-1 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that site. You will assist clients who require personal care/comfort.*

**COMM 291   Interpersonal Communications**

*You will develop employability skills through the study of interpersonal communications theory and applications in the workplace. Learning outcomes include the importance of self-awareness and self-esteem, perception problems, verbal and nonverbal messages, listening skills, creating positive communication climates and resolving interpersonal conflict.*

**DEMC 183   Dementia Behaviour**

*Your studies will address causes, stages and behaviours of dementia, behaviour mapping techniques and interventions that promote optimal level of functioning.*

**SFTY 194    Professional Assault Response Training (PART)**

*You will participate in professional assault response training to provide you with defensive and preventive skills. Upon successfully completing the course, you will receive a Professional Assault Response Training (PART) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH).*

**SPCR 100    Transferring Lifting Repositioning (TLR®)©**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course*

*focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**SPCR 101 Observing, Reporting, and Recording**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**SPCR 104 Personal Care 1**

*You will have the opportunity to become skilled at assisting clients in meeting personal care needs. You will study infection control, body mechanics, bed making, positioning clients, range of motion, oral care, and assisting to feed clients.*

**SPCR 105 Personal Care 2**

*Building on the skills you learned in Personal Care 1, you will become skilled at assisting clients in meeting personal care needs. You will study grooming and dressing, foot and nail care, and elimination care.*

**SPCR 180 Safe Environment**

*You will learn how to promote client independence in a safe, comfortable and pleasant environment. You will study fire safety, emergency response and WHMIS.*

**SPCR 192 Personal Competence**

*Your studies will focus on the goals and philosophy of Health Care Services in Saskatchewan. You will learn how these goals are reflected in the activities of the agency and on your role as a caregiver. You will learn about your role in providing care services within a multicultural dynamic setting. The course content also includes interprofessional work environments, personal health, employability skills, and types of abuse (for example: caregiver, neglect and abandonment, sexual and financial).*

**CLIN 219 Clinical-2 Special Care**

*In a long-term care setting, you will participate in a supervised clinical experience following the hours of work of that clinical site. You will provide care for clients who require assistance with activities of daily living.*

**CLIN 232 Clinical Home Care/Community Services**

*In the home care/community services clinical setting, you will work under the supervision of a buddy or a staff member. You will demonstrate employability skills, comply with agency policies and procedures, communicate effectively, provide basic client care, and ensure client and personal safety.*

**COMM 197 Helping Skills**

*You will utilize a communication framework to facilitate a helping relationship with your clients.*

**DEMC 280 Dementia Family Care**

*You will learn how those with dementia are assessed and how to intervene in emergency situations. You will discuss environments and issues related to institutional care placement and the impact dementia has on families.*

**HUMD 187 Human Growth and Development**

*You will learn the physical, social, intellectual and emotional aspects of human growth and development from infancy to old age. You will also study the effects of aging on society.*

**NUTR 198 Nutrition**

*You will learn normal nutritional requirements based on Eating Well with Canada's Food Guide. The course content also includes exploring how to maintain optimal nutritional balance for your clients.*

**SANT 181 FoodSafe Level 1**

*You will learn sanitary food handling techniques that reduce the risk of food poisoning. You will receive a Food Safe certificate from the Department of Health provided you receive a grade of 70% or higher.*

**SPCR 102 End of Life Care**

*Your studies will cover death and dying in the Canadian context. You will study the basic needs and interventions of the dying client. You will also cover grief, the grieving process and the impact of life threatening illnesses on the family members.*

**SPCR 103 Assisting with Special Procedures**

*You will be introduced to the Continuing Care Assistant's role in assisting with special procedures. You will learn the concepts of delegation, carry out basic measurements, perform simple treatments and be introduced to client assessment. You will also learn the Continuing Care Assistant's role in assisting clients with medications.*

**SPCR 184 Post Acute Care**

*You will acquire the theory and develop the skills needed to help clients meet their needs in the post acute care phase. This may include post surgical clients or clients with recent acute medical conditions.*

**SPCR 284 Special Needs 1**

*Your studies will cover the basic needs and interventions of clients with disruptions in their sensory organs, body systems (i.e. cardiovascular, musculoskeletal, neurological and endocrine) and body functions (i.e. genitourinary and gastro-intestinal).*

**SPCR 285 Special Needs 2**

*Your studies will cover the basic needs and interventions of clients with infectious diseases, cancer, altered mental abilities, disruption in mental health, alcohol dependency and drug dependency.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## **CONTINUING CARE ASSISTANT CERTIFICATE – PT - Battlefords**

<b>CAREER OVERVIEW</b>	<p>If you enjoy caring for others, the Continuing Care Assistant program might be right for you. You will work directly with clients in long-term care, home care, assisted living, and even special needs classrooms. You will help them with mobility, personal care, assisting them to eat their meals and medication monitoring. Your clinical work experiences will give you a taste of different work settings and offer you a strong foundation as a health care support staff. <b>The part-time Continuing Care Assistant program does not include clinicals.</b></p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Nurse Aides, Orderlies and Patient Services Associates (NOC 3413) in Saskatchewan for 2019 – 2021 period is good with a forecast of 1,720 jobs openings between 2019 – 2023.</li> <li>• Home Support Workers, Housekeepers and Related Occupations (NOC 4412) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 570 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <p>NOC 3413 Nurse Aides, Orderlies and Patient Services Associates \$32,910 - \$49,920 per year</p> <p>NOC 4412 Home Support Workers, Housekeepers and Related Occupations \$27,100 - \$52,000 per year</p> <p>[Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: No academic requirements necessary. Students can start Immediately without credentials or without proof of English Language proficiency. However, these students must complete 24 credit units before they can take <i>Post-Acute Care</i> or <i>Assisting with Special Procedures</i> modules.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Continuing Care Assistant Certificate Part-Time</b></p> <p>Dates: September 1, 2022 – June 9, 2023          Duration: 40 weeks          Delivery: Part-time          Method: Hybrid: face-to-face and online          Location: Battlefords          Accreditation: Saskatchewan Polytechnic          Tuition: \$4848.00          Books: \$1,025 (Estimates)</p>

<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: One credit towards the Practical Nursing Diploma (Sask Poly)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Continuing Care Assistant</li> <li>• Special Care Aide</li> <li>• Home Health Aide</li> </ul> <p>[Saskatchewan Polytechnic website]</p>
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## CONTINUING CARE ASSISTANT APPLIED CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**SPCR 192      Personal Competence**

*Your studies will focus on the goals and philosophy of Health Care Services in Saskatchewan. You will learn how these goals are reflected in the activities of the agency and on your role as a caregiver. You will learn about your role in providing care services within a multicultural dynamic setting. The course content also includes interprofessional work environments, personal health, employability skills, and types of abuse (for example: caregiver, neglect and abandonment, sexual and financial).*

**COMM 291      Interpersonal Communication**

*You will develop employability skills through the study of interpersonal communications theory and applications in the workplace. Learning outcomes include the importance of self-awareness and self-esteem, perception problems, verbal and nonverbal messages, listening skills, creating positive communication climates and resolving interpersonal conflict.*

**COMM 197      Helping Skills**

*You will utilize a communication framework to facilitate a helping relationship with your clients.*

**SPCR 180      Safe Environment**

*You will learn how to promote client independence in a safe, comfortable and pleasant environment. You will study fire safety, emergency response and WHMIS.*

**SPCR 104      Personal Care 1**

*You will have the opportunity to become skilled at assisting clients in meeting personal care needs. You will study infection control, body mechanics, bed making, positioning clients, range of motion, oral care, and assisting to feed clients.*

**DEMC 280      Dementia Family Care**

*You will learn how those with dementia are assessed and how to intervene in emergency situations. You will discuss environments and issues related to institutional care placement and the impact dementia has on families.*

**SPCR 105      Personal Care 2**

*Building on the skills you learned in Personal Care 1, you will become skilled at assisting clients in meeting personal care needs. You will study grooming and dressing, foot and nail care, and elimination care.*

**ANAT 100 Body Systems**

*You will receive a basic introduction to body systems. You will study the structure of organs and systems in the human body, and how they function efficiently.*

**SPCR 102 End of Life Care**

*Your studies will cover death and dying in the Canadian context. You will study the basic needs and interventions of the dying client. You will also cover grief, the grieving process and the impact of life threatening illnesses on the family members.*

**SPCR 101 Observing, Reporting, and Recording**

*You will participate in activities to move and position clients/objects in health care settings using minimal physical effort and maximizing the use of mechanical aids and equipment. The course focuses on client/caregiver safety. You will receive a Transferring Lifting Repositioning (TLR®) © certificate from Saskatchewan Association for Safe Workplaces in Health (SASWH) upon successfully completing the course.*

**DEMC 183 Dementia Behaviour**

*Your studies will address causes, stages and behaviours of dementia, behaviour mapping techniques and interventions that promote optimal level of functioning.*

**HUMD 187 Human Growth and Development**

*You will learn the physical, social, intellectual and emotional aspects of human growth and development from infancy to old age. You will also study the effects of aging on society.*

**NUTR 198 Nutrition**

*You will learn normal nutritional requirements based on Eating Well with Canada's Food Guide. The course content also includes exploring how to maintain optimal nutritional balance for your clients.*

**SPCR 284 Special Needs 1**

*Your studies will cover the basic needs and interventions of clients with disruptions in their sensory organs, body systems (i.e. cardiovascular, musculoskeletal, neurological and endocrine) and body functions (i.e. genitourinary and gastro-intestinal).*

**SPCR 285 Special Needs 2**

*Your studies will cover the basic needs and interventions of clients with infectious diseases, cancer, altered mental abilities, disruption in mental health, alcohol dependency and drug dependency.*

**SPCR 184 Post-Acute Care**

*You will acquire the theory and develop the skills needed to help clients meet their needs in the post acute care phase. This may include post surgical clients or clients with recent acute medical conditions.*

**SPCR 103 Assisting with Special Procedures**

*You will be introduced to the Continuing Care Assistant's role in assisting with special procedures. You will learn the concepts of delegation, carry out basic measurements, perform simple treatments and be introduced to client assessment. You will also learn the Continuing Care Assistant's role in assisting clients with medications.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***





	<p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Diploma graduates are eligible to take the <a href="#">Bachelor of Applied Management</a> degree right here at Saskatchewan Polytechnic with only two years of additional study. Remote classes and part-time options are available.</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Chef</li> <li>• Sous Chef</li> <li>• Food Service Supervisors</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

### CULINARY ARTS DIPLOMA– 1 YEAR COURSE BREAKDOWN

**Code            Name**

**CKNG 138    Basic Food Preparation**

*You will examine the basics of food preparation in the major areas of foodservice operations, including baking, Garde Manger, vegetables, soups and sauces, breakfast foods, and meats. In addition to theory, you will prepare food in a lab setting. This course will also cover the organization of the professional kitchen.*

**CKNG 140    Kitchen Operations**

*You will learn the best practices of how to inventory, order, receive, and store food. You will learn the control process and study government legislation as it applies to managing staff. You will also learn how to determine food cost and how to apply this knowledge to correctly pricing food for sale.*

**CKNG 143    Stocks, Soups and Sauces**

*You will prepare the major types of soups, sauces and stock.*

**CKNG 144    Garde Manger**

*You will prepare items from the repertoire of Garde Manger including hot and cold sandwiches, salads and salad dressings, vegetable and fruit platters. You will examine the operation of a salad bar and service of relevant a la carte menu items from the cold kitchen.*

**CKNG 148    Orientation to the Professional Kitchen**

*You will learn best practices regarding kitchen safety and complete training in WHMIS, safe food handling, and approved service.*

**EQPT 119 Tools and Equipment**

*You will learn to identify, use, and care for the common tools and equipment used in the professional kitchen. You will learn how to correctly use chemical sanitizers to clean equipment and workstations. You will learn how to describe the parts of a knife, and how to maintain your knives. You will also learn and practice the standard cuts in food service.*

**PLAN 179 Menu Development**

*You will learn the basic principles of menu planning and standardizing recipes as a tool for maintaining quality, controlling production, and simplifying purchasing. You will also plan various types of menus.*

**CKNG 142 Vegetables, Starches and Complimentary Proteins**

*You will select, clean, process, and cook a variety of vegetables, starches, and complimentary proteins. You will apply calculations to determine necessary yields to meet production quotas.*

**CKNG 146 Meat, Seafood and Poultry Processing**

*You will process various cuts of meat, seafood and poultry. Your studies will include the safe handling and storage of the product.*

**CKNG 147 Meat, Seafood, Poultry and alternative/plant based proteins cooking**

*You will cook a variety of proteins using moist and dry heat methods. There will be a focus on safe holding procedures and portion control.*

**CKNG 219 Charcuterie**

*You will prepare a variety of processed and cured meat items. You will prepare hot and cold hors d'oeuvres. You will discuss types of cheese and prepare fresh cheese.*

**CKNG 223 Food Presentation**

*You will learn the fundamental principles of food presentation, including plating, photography, and the use of social media for promotion. You will have the opportunity to present food in an appealing and contemporary manner.*

**CKNG 285 International Cuisine**

*You will study and prepare cuisine from trending international cuisines.*

**NUTR 104 Nutrition**

*You will examine principles of nutrition as they apply to special diets and various food preparation techniques.*

**CKNG 141 Bakery 1**

*You will learn to prepare yeast leavened bread, chemically leavened quick breads, as well as cookies and fruit pies.*

**CKNG 182 Bakery 2**

*You will prepare rich dough breads, éclair paste, dessert sauces, custards, specialty cookies, and dessert sauces.*

**CKNG 225 Hors d'oeuvres**

*You will prepare a variety of hors d'oeuvres, canapés, dips, and other small plates. You will also study the various types of caviar.*

**CKNG 284 Baking and Pastry Arts**

*Building on the skills you developed in Bakery 1 and Bakery 2, you will prepare and finish high-end pastry products and fillings.*

**CKNG 287 Indigenous Cuisine**

*You will examine various models of local and organic supply chains with a focus on Indigenous cuisine. You will have the opportunity to plan and prepare Indigenous foods.*

**CKNG 290 Catering and Special Event Planning**

*You will plan and prepare foods for a catered event.*

**CKNG 292 Food Services Management**

*You will study operational management techniques and skills important for today's successful chefs. The course examines key areas that include managing the front of the house, basics of table service, customer service and exceeding expectations, and computer and point of sale applications.*

**CKNG 145 Breakfast**

*You will prepare food items particular to the service of the breakfast meal. You will study and prepare eggs, breakfast specific proteins, breakfast specific quick breads, hot and cold cereals, and potatoes.*

**CKNG 217 Line Cooking**

*You will plan, prepare, and serve short order food items.*

**CKNG 218 Dining 1**

*You will prepare meals a la carte (to order). You will focus on teamwork, kitchen organization, and line cooking in the preparation of a dining room menu.*

**CKNG 221 Dining 2**

*Your studies will expose you to current developments and popular food trends in the cooking profession. You will prepare contemporary foods in a restaurant setting. You will gain a working knowledge of wine and wine pairings important to today's successful chefs. You will also examine other types of beverages significant to foodservice operation. You will have the opportunity to prepare a variety of beverages.*

**CKNG 222 Sauces**

*Your studies will explore current trends in sauce cookery, including pairing sauces with other food items and finishing techniques. You will prepare specialty sauces and garnishes.*

**CKNG 224 Field to Fork**

*You will explore conventional and organic food supply chains. You will discuss the pros and cons of GMO's and organics in relation to global food security. You will plan, prepare, and serve a FARM TO TABLE event.*

**CLTR 100 Diversity**

*You will examine the elements of cultural, gender and disability diversity in Canada and the processes that promote inclusion. You will explore elements of Indigenous culture with a view to understanding both historical elements and contemporary issues in Canada. Your studies will also provide opportunities to participate in various cultural practices.*

## PROF 102 Professionalism in Culinary Arts

You will learn the skills required to be a coach or leader in a food services setting. Your studies will also include the development of a cover letter and resume and the opportunity to practice job interview skills.

Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)



**North West  
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## EDUCATIONAL ASSISTANT CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>We are excited to offer this certificate program, which will prepare you to work with students in the K-12 system.</p> <p>If you like working one-on-one with kids with different needs, and you want to see them included in the classroom, becoming an educational assistant might be the career for you. Educational assistants provide the all-important one-on-one support that makes today's inclusive classrooms possible.</p> <p>The Educational Assistant program is respected by school boards province-wide. We'll teach you the skills and give you the hands-on experience you need to make a lasting difference in a child's life.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"><li>• Elementary and Secondary School Teacher Assistants (NOC 4413) in Saskatchewan for 2021 – 2023 period is fair with a forecast of 800 jobs openings between 2021 – 2023.</li></ul> <p>[Labour market outlook for 2021 – 2023 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential: NOC 4413 • Elementary and Secondary School Teacher Assistants \$23,000 - \$56,240 per year [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p><b>Pre-Requisite:</b></p> <ul style="list-style-type: none"><li>• Grade 12</li><li>• Accepted applicants may be required to provide evidence of a Criminal Record Check prior to entering the practicum component of the program. At the discretion of the practicum agency, you may be declined access to a clinical or work placement based on the contents of the Criminal Record Check. The cost of the Criminal Record Check is your responsibility.</li></ul> <p><b>SPECIAL ADMISSION</b></p> <p>Applicants who do not possess the academic qualifications for a program may be admitted if evidence of probable success can be established through a special admission assessment. Interested individuals should still apply. Applicants are</p>

	<p>automatically considered for special admission. However, some specific admission requirements may still need to be met. Refer to the ACCUPLACER® cut scores for this program below, and review additional details concerning Special Admission.</p>	
<b>NORTH WEST COLLEGE</b>	<p style="text-align: right;"><b>Educational Assistant Certificate</b></p> <p>Dates: August 29, 2022 – April 28, 2023  Duration: 34 weeks  Delivery: Full-time  Method: Hybrid: face-to-face and online  Location: Battlefords Campus  Accreditation: Saskatchewan Polytechnic  Tuition: \$4,770.00  Fees: \$50.00  Books: \$500.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, Kanawayimik Child &amp; Family Services, Inc. Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>  Transfer Credits may apply to:  Post diploma, university credits for Bachelor of Arts:  Northern Studies major in Aboriginal Public Administration (U of S),  Bachelor of Education (U of S)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Elementary and Secondary School Teacher Assistants</li> </ul> <p>[Source: Saskatchewan Polytechnic Website]</p>

### EDUCATIONAL ASSISTANT CERTIFICATE – COURSE BREAKDOWN

**Code**

**Name**

**COMM 291 Interpersonal Communication**

*You will develop employability skills through the study of interpersonal communications theory and applications in the workplace. Learning outcomes include the importance of self-awareness and self-esteem, perception problems, verbal and nonverbal messages, listening skills, creating positive communication climates and resolving interpersonal conflict.*

**EDUC 180 Supporting Instruction 1**

*The course provides an introduction to individual learning styles and other factors that influence learning differences in students. You will learn strategies that facilitate student learning including instructional approaches, class room management, and effective observation and recording.*

**EMPL 180 Employability Skills**

*You will receive instruction and practice in written communication skills needed for the workplace. You will develop effective job search strategies. Emphasis will be placed on communicating a professional image.*

**HUMD 100 Child & Adolescent Development**

*Your studies will focus on the period of development from conception to adolescence. You will receive information about the effects of heredity and the environment on the emotional, social, cognitive and physical development of children and adolescents. The course also provides an introduction to the theories of learning and personality and methods of studying human behaviour.*

**HUMD 101 Guiding Behaviour**

*You will discuss perspectives that educators have regarding the classroom and behaviour. You will examine how cognitive development plays a role in guiding behaviour. You will be able to describe the role that the environment plays in determining and guiding behaviour. You will be introduced to an overview of positive guidance and have the opportunity to select and implement strategies that teach self-control and self-regulation.*

**HUMR 180 Roles & Responsibilities**

*You will focus on the responsibilities of educational assistants and their relationships with classroom teachers and other professionals. You will explore legal and ethical implications of your role as an educational assistant and develop an understanding of the importance of professional behaviour.*

**PERS 180 Basic Care Skills**

*You will learn and demonstrate the attitudes and skills of providing personal and physical daily care for individuals with disabilities. You will learn the essential role of dignity in person-centred planning and care. You will study skills needed for assisting in monitoring, feeding, toileting, grooming, lifting and transferring. You will learn the skills needed to support optimal levels of independence.*

**SPSY 281 Studies of Exceptionality A**

*You will be provided with an introduction to the area of exceptionalities. You will discuss issues and trends in the field and problems associated with defining and identifying individuals with exceptionalities. You will study in depth specific areas of exceptionality: speech and language differences, learning disabilities, intellectual disabilities, and giftedness. Emphasis will be on the developmental consequences of having a disability and intervention strategies used with individuals with disabilities.*

**PRAC 174 Practicum 1**

*You will participate in a six-week practicum in a K-6 or a grade 7-12 classroom setting. You will have the opportunity to apply theory to practice while supporting and assisting the classroom*

teacher. Under the supervision of the classroom teacher, you will work in basic subject areas with individuals or small groups.

**CLTR 180 Culture & Diversity**

*You will be introduced to the many facets of culture. You will focus on the personal attitudes and values involved in appreciating cultural differences. You will explore multiculturalism in Canadian society and will discuss practices that promote acceptance of differences in society.*

**EDUC 180 Supporting Instruction 2**

*You will be provided with an overview of the Saskatchewan curriculum with focus in language arts (listening, speaking, reading, and writing), technology and basic mathematics. You will expand your knowledge of strategies to provide educational support under a teacher's supervision.*

**FMLY 181 Family Dynamics**

*You will examine the dynamics of the Canadian family, the influence of family background on the individuals and the challenges faced by families of today. Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)*

**SFTY 184 Crisis Prevention**

*You will learn strategies for crisis prevention and be introduced to the model of Crisis Intervention. You will explore the role of self awareness, triggers and response patterns in conflict situations. You will learn techniques and skills to resolve conflicts without the use of force. You will demonstrate the skills of crisis intervention by doing a five minute role play. The role and purpose of crisis debriefing will be discussed and reviewed.*

**SPSY 282 Studies of Exceptionality B**

*This course is a continuation of SPSY 281 (Studies of Exceptionality A). You will study in depth specific areas of exceptionality: emotional and behavioural disorders, sensory impairments, traumatic brain injury and other low-incidence disabilities, attention deficit/hyperactivity disorder, autism, and fetal alcohol spectrum disorder. Emphasis will be on the developmental consequences of having a disability and intervention strategies used with individuals with disabilities. You will review classroom organization and management with students with special learning needs, issues related to special education in secondary schools, and working with families of students with exceptionalities.*

**PRAC 175 Practicum 2**

*You will participate in a six-week practicum in a K-6 or grade 7-12 classroom setting. Students must complete practicum placements in each setting. You will have the opportunity to apply theory to practice while supporting and assisting the classroom teacher. Under the supervision of classroom teachers, you will work with students who have challenging needs.*

**Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)**



# ELECTRICIAN APPLIED CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>Electrician is an applied certificate program. It provides entry-level skills training. You will learn how to make electrical installations and perform maintenance duties according to industry standards. The Saskatchewan Apprenticeship and Trade Certification commission grants the first of four levels of training to graduates who enter the Electrician Apprenticeship program.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>Electricians (except industrial and power system) [NOC 7241] in Saskatchewan for 2021 – 2023 period forecast is Fair [Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</li> </ul> <p>Earning Potential: NOC 7241 Electricians (except Industrial and Power System) \$37,440 - \$92,040 per year</p> <p>[Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 11 with Math 20, or Foundations of Math 20, or Workplace and Apprenticeship Math20, or Pre-Calculus 20. Previous Saskatchewan mathematics requirement also accepted: Math 20 or General Math 20.</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p style="text-align: center;"><b>Electrician Applied Certificate</b></p> <p>Dates: September 12, 2022 – January 27, 2023          Duration: 17 weeks          Delivery: Full-time          Method: Hybrid: face-to-face and online          Location: Meadow Lake Campus          Accreditation: Saskatchewan Polytechnic          Tuition: \$2,810.00          Fees: \$50.00          Books: \$1,000.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino</p>



	Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Electrician</li> </ul> <p>[Source: Saskatchewan Polytechnic Website]</p>

### ELECTRICIAN APPLIED CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**BWC 122            Extra Low Voltage, Magnetism & Meters**

*Your studies will focus on the inter-relationship of magnetism and electricity. You will use meters to measure electrical properties (such as volts, amps, resistance, power and energy). You will install basic signal systems and typical residential remote control relay systems using industry installation standards and trade standards of workmanship.*

**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.*

**BT 141                Resistive Circuit Analysis**

*You will be introduced to Ohm's Law, Watt's Law and Kirchhoff's Laws through classroom and lab experiences. You will apply these laws to solve series, parallel, combination and three-wire circuit problems.*

**COMP 120            Information Systems**

*Your studies will focus on the practical use of Word, Excel, Outlook and PowerPoint from the Microsoft Office Professional software suite. You will learn a wide range of skills from intermediate to advanced in each of the applications.*

**BWC 121            Conductors & Branch Circuits**

*You will learn the theory of conductors and how to select and install the correct conductors and equipment for branch circuits.*

**BT 140                Introductory Electrical Theory & Practices**

*Classroom and lab experiences will help you gain an understanding of the electrician trade, electrical theory and electrical terminology. Your studies will help you become familiar with basic electrical circuits, components used in electrical equipment and types of fasteners. You will terminate conductors and install typical lighting and receptacle circuits.*

**PLS 122      Single Dwelling Plans, Lighting & Services**

*Your studies will focus on electrical drawings and the installation requirements for single-dwelling services. You will learn how to read and interpret blueprints, apply lighting theory to determine lighting requirements for installations and calculate the minimum size of service equipment. You will also practice installing a typical 100-amp single-dwelling service.*

**SFTY 130      Safety & Personal Protective Equipment**

*You will be introduced to The Saskatchewan Employment Act and The Occupational Health and Safety Regulations, personal protective equipment and rigging. You will learn how to use and maintain tools.*

**WM 131      Wiring Methods (Cables)**

*You will receive an introduction to the wiring methods used to install electrical circuits. You will become familiar with the minimum Canadian Electrical Code requirements and practice installing typical circuits. You will also be introduced to residential data cabling.*

**WM 132      Wiring Methods (Raceways)**

*You will receive an introduction to the wiring methods used to install electrical circuits. You will become familiar with the minimum Canadian Electrical Code requirements and practice installing typical circuits*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



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# FOOD SERVICE COOK CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>Food service cooks prepare meals and snacks for large numbers of people and they are in demand in restaurants, hotels, health and educational institutions and remote work camps. This program focuses on practical skills and the majority of learning is done in a commercial kitchen setting.</p> <p>Food Service Cook is an intensive 12 weeks entry-level cooking program that is designed to give the skills and hands on learning experience that employers are seeking, allowing graduates to transition in to the workforce quickly.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Cooks (NOC 6322) is fair with a forecast of 1,220 jobs openings between 2019 – 2023.</li> <li>• Food counter attendants, kitchen helpers and related support occupations (NOC 6711) is fair with a forecast of 1,140 jobs openings between 2019 – 2023.</li> </ul>
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	<p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:          NOC 6322 Cooks \$23,900 - \$44,100 per year          NOC 6711 Food Counter Attendants, Kitchen Helpers and related support occupations \$23,900 - \$40,600 per year</p> <p>[Source: Relevance Magazine]</p>	
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 10</p> <p>Special Admission is not available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>	
<b>NORTH WEST COLLEGE</b>	<p><b>Food Service Cook Applied Certificate</b></p> <p>Dates: September 19, 2022 – December 9, 2022 March 6, 2023 – June 2, 2023</p> <p>Duration: 11 weeks 12 weeks</p> <p>Delivery: Full-time</p> <p>Method: Hybrid: face-to-face and online</p> <p>Location: Meadow Lake Campus</p> <p>Accreditation: Saskatchewan Polytechnic</p> <p>Tuition: \$2,258.00</p> <p>Fees: \$50.00</p> <p>Books: \$650.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>          Transfer Credits may apply to:          May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Cook</li> <li>• Kitchen Helper</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

## FOOD SERVICE COOK CERTIFICATE– 1 YEAR COURSE BREAKDOWN

**Code**            **Name**

**CKNG 103    Garde Manger (Practical)**

*You will prepare hot and cold sandwiches, fruits, salads and salad dressings.*

**CKNG 119    Breakfast Cooking Fundamentals**

*You will prepare breakfast and dairy products. This includes cooking eggs using a variety of methods; preparing omelets, frittatas, pancakes, waffles and French toast, cooking breakfast meats and potatoes.*

**CKNG 139    Introduction to Cooking**

*The course provides an introduction to the fundamental principles and methods that are the foundation of the cooking trade. You will study the major cooking methods and preliminary seasoning, flavoring, cooking, mise en place and pre-preparation techniques. You will learn the principles and procedures for the safe handling of tools and equipment and the principles of safety and sanitation.*

**FOOD 103    Quantity Food Production**

*You will prepare foods in quantity. You will perform in a safe manner and comply with sanitation legislation. You will be required to adhere to portion and quality controls for all types of food preparation.*

**FOOD 104    Quantity Meat Preparation**

*You will be exposed to volume cooking and service techniques for meat, poultry, fish and seafood. You will use a variety of cooking techniques to prepare meals using these meats.*

**FOOD 105    Quantity Preparation of Vegetables and Starches**

*You will learn volume cooking and service techniques for potatoes, vegetables, starches, and pasta. You will use a variety of cooking techniques to prepare meals using these ingredients.*

**FOOD 106    Quantity Preparation of Soups and Sauces**

*You will learn volume cooking and service techniques for soups and sauces. You will create a variety of soups and sauces in large quantities.*

**SFTY 111    Safety, Sanitation and WHMIS**

*You will gain an understanding of the procedures related to safety and sanitation in a professional kitchen. This will include the handling of workplace hazardous materials. You will learn how to prepare safe, sanitary foods for customers while avoiding injury to yourself and your colleagues.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***

# FOREST TO FORK APPLIED CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>The Forest to Fork Applied Certificate Program introduces students to three different post-secondary choices including the Integrated Resource Management Diploma, Retail Meat Specialist Applied Certificate and the Professional Cooking Certificate. Students will learn a wide range of topics that will introduce them to the ideas of food security, beginning with plant species in Saskatchewan and their uses, processing wild meat properly and, finally, to getting it on the table with proper cooking techniques.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Biological technologists and technicians (NOC 2221) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 50 jobs openings between 2019 – 2023.</li> <li>• Butchers, meat cutters and fishmongers – retail and wholesale (NOC 6331) in Saskatchewan for 2019 - 2021 period is good with a forecast of 110 jobs openings between 2019 – 2023.</li> <li>• Chefs (NOC 6321) is fair with a forecast of 170 jobs openings between 2019 - 2023.</li> <li>• Cooks (NOC 6322) is fair with a forecast of 1,220 jobs openings between 2019 – 2023.</li> <li>• Food counter attendants, kitchen helpers and related support occupations (NOC 6711) is fair with a forecast of 1,140 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table> <tr> <td>NOC 2221</td> <td>Biological Technologists and Technicians</td> <td>\$34,320 - \$87,360 per year</td> </tr> <tr> <td>NOC 6331</td> <td>Butchers, Meat Cutters and Fishmongers - Retail and Wholesale</td> <td>\$27,040 - \$50,980 per year</td> </tr> <tr> <td>NOC 6321</td> <td>Chefs</td> <td>\$27,040 - \$63,380 per year</td> </tr> <tr> <td>NOC 6322</td> <td>Cooks</td> <td>\$23,820 - \$44,030 per year</td> </tr> <tr> <td>NOC 6711</td> <td>Food Counter Attendants, Kitchen Helpers and related support occupations</td> <td>\$23,820 - \$40,540 per year</td> </tr> </table> <p>[Source: Relevance Magazine]</p>	NOC 2221	Biological Technologists and Technicians	\$34,320 - \$87,360 per year	NOC 6331	Butchers, Meat Cutters and Fishmongers - Retail and Wholesale	\$27,040 - \$50,980 per year	NOC 6321	Chefs	\$27,040 - \$63,380 per year	NOC 6322	Cooks	\$23,820 - \$44,030 per year	NOC 6711	Food Counter Attendants, Kitchen Helpers and related support occupations	\$23,820 - \$40,540 per year
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<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 10</p> <p>Special Admission may be available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>															

<b>NORTH WEST COLLEGE</b>	<p><b>Forest to Fork Applied Certificate</b>        Dates: August 22, 2022 – January 20, 2023        Duration: 20 weeks        Delivery: Full-time        Method: Hybrid: face-to-face and online        Location: Meadow Lake Campus        Accreditation: Saskatchewan Polytechnic        Tuition: \$4,370.00        Fees: \$50.00        Books: \$1,200.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>        Transfer Credits may apply to:        Integrated Resource Management Diploma (Sask Poly)        Retail Meat Specialist Applied Certificate (Sask Poly)        Professional Cooking (Sask Poly)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Meat Cutter Apprentice</li> <li>• Butcher Apprentice</li> <li>• Cook Apprentice</li> <li>• Chef Apprentice</li> </ul>

### FOREST TO FORK APPLIED CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**First Aid & CPR C – Canadian Red Cross**

*Comprehensive two-day course offering first aid and CPR skills for those who need the training due to work requirements or who want more knowledge to respond to emergencies at home. Course meets legislation requirements for provincial/territorial worker safety insurance boards and includes the latest first aid and CPR guidelines. Upon completion, students will obtain 3-year certification in Standard First Aid and CPR Level C.*

**Canadian Provincial Firearm Safety/PAL (Possession and Acquisition License) - RCMP**

*The Canadian Firearm Safety Course (CFSC) was developed in partnership with the provinces and territories, national organizations with an ongoing interest in firearms safety, and many firearms and hunter education course instructors from across Canada. The content of this course is controlled and approved by the Royal Canadian Mounted Police Canadian Firearms Program and was developed to meet the mandatory requirements of Section 7 of the Firearms Act. Topics covered include:*

*evolution of firearms, basic firearms safety practices, ammunition, operating firearm actions, safe handling and carry procedures, firing techniques and procedures, care of non-restricted firearms, responsibilities of the firearms owner/user, and safe storage, display and handling of non-restricted firearms. In order to acquire a possession and acquisition license, you must complete the CFSC.*

### **Humane Trapping – Saskatchewan Trappers Association**

*Students will learn how to skin a muskrat (beaver) in an in-class presentation, and how to stretch the hide and prepare for sale/use. This course is required before anyone can purchase a fur license in Saskatchewan.*

### **WHMIS - Online**

*Workplace Hazardous Materials Information System is a detailed plan for the safe use of hazardous materials at work. You can identify hazardous materials by product labels, safety data sheets (SDSs) and worker education programs. Students will earn Hazard identification, product classification, labelling, safety data sheets, and worker training and education to prevent injuries, illness, death, medical expenses and fires caused by hazardous materials.*

### **NFSTP (Nation Food Safe Training Program) – Online**

*The NFSTP course will help food handlers and management in Food Service and Food Retail operations learn how to prepare and serve safe food. It will help them integrate safe food handling practices into their workplace. This course is based on the standards established in the Food Retail and Food Services Regulation and Code (FRFSRC), and recommendations from Health Canada and the Canadian Food Inspection Agency (CFIA).*

### **WTA Chainsaw Safety (equivalent to EQPT 401) – Hayes Training**

*Course designed for anyone required to work with or around chainsaws either at their place of work or at home. Topics include: safe falling and logging practice and procedure, fire protection and management, environmental impact, safe bucking and climbing techniques, chainsaw maintenance and filing. Useful for trapping/hunting in the forests.*

### **BEADING – King Family**

*Students will learn how to bead on animal hide that is prepared. This course is value added and incorporates indigenous cultural awareness into the program. If students are looking to learn to trap, tan and process hides, this can be a value added component should they wish to sell as completed projects.*

### **TANNING – Unity**

*Students will learn the process of hide tanning in theory and see the steps in practice at each stage. Traditional methods will be discussed and newer methods with power tools will be demonstrated because of time constraints.*

### **TAXO 100 Plant Taxonomy and Identification**

*Students will learn how to identify specific terrestrial and aquatic vegetation by field and site characteristics. The identification will consist of the binomial classification based upon phylogenetic and morphological characteristics. The course includes classifying rare and invasive species to the Canadian Wetland Classification system as it pertains to identification of wetland vegetation. You will learn the significance of herbaria and conservation data centers and how to access their resources for the purpose of plant identification and species ranking. Local elders will be involved to speak on culturally significant plant species, such as sweet grass and rat root, and their uses in Aboriginal culture.*

**EQPT 401 Small Motors**

*Students will learn how to use chainsaws in a field setting. This will include proper cutting techniques and safety procedures. \* Transfer credit discussed from ENFORM Chainsaw Safety*

**SFTY 106 Wilderness Survival**

*Learn the basic survival techniques involving clothing, shelter building, fire, signaling and collecting food and water. You will also learn how to deal with wildlife during dangerous encounters. Possible partnerships with the Air Cadets as well as Junior Forest Wardens.*

**MAPS 101 Introduction to Maps and Compassing**

*Studies will focus on mapping systems and compassing. You will interpret maps and develop skills in ground and map measurements. You will learn the basics of internet mapping software.*

**SFTY 176 Safety and Tools**

*Students will gain an understanding of the procedures related to safety, sanitation, tools and equipment in a professional work environment. This will include the handling of workplace hazardous materials. You will learn how to prepare safe, sanitary food products while properly utilizing tools and equipment of the trade.*

**MEAT 195 Muscle and Skeletal Structure**

*Students will study the skeletal structure, bone classifications, muscle types and composition. You will learn the various cooking methods for different muscle groups.*

**MEAT 282 Processing the Hind of Beef**

*Process the hindquarter of beef. You will produce primal, secondary, fabricated, retail and value added products. You will produce, cost, wrap, and retail your beef products. Transferable knowledge to large wild game.*

**MEAT 283 Processing of the Front of Beef**

*You will process the front quarter of beef. You will develop skills to produce primal, fabricated, retail and value-added products. You will produce, cost, wrap and retail your beef products. Transferable knowledge to large wild game.*

**SFTY 111 (Transfer credit from SFTY 176)****EQPT 108 (Transfer credit from SFTY 176)****MEAT 101 Meat, Seafood and Poultry Processing (Practical)**

*Students will process beef, pork and poultry. You will handle and store fresh and frozen meats and poultry. You will also observe the processing of seafood.*

**MEAT 102 Meat, Seafood and Poultry Cooking (Theory)**

*Students will be introduced to the general principals of cooking and handling meats, seafood and poultry. You will learn a variety of preparation and cooking techniques for beef, pork, poultry, lamb and veal.*

**MEAT 103 Meat, Seafood and Poultry Cooking (Practical)**

*Students will cook meat, seafood and poultry using moist heat methods, dry heat methods and dry heat methods with fat. You will cook a variety of meats and prepare poultry dressing. You will also gain experience in holding and storing cooked meats, seafood and poultry.*



Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)



## HAIRSTYLIST CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>Hairstylist is a pre-employment certificate program. Hairstylists who want to work in the trade are legally required to first complete a 1,500 hour pre-employment program. You will learn how to perform techniques on hair, wigs, hairpieces, skin and nails. You will also develop artistry, salon management and customer service skills. The program provides an apprenticeship period of up to two years. Graduates have the opportunity of going directly to Level 2 of the Esthetician Program.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Hairstylists and Barbers (NOC 6341) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 430 jobs openings between 2019 – 2023. [Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</li> </ul> <p>Earning Potential:          NOC 6341 Hairstylists and Barbers \$23,820 - \$54,000 per year          [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12</p> <p>Special Admission is not available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Hairstylist Certificate</b></p> <p>Dates: August 23, 2022 – July 14, 2023          Duration: 45 weeks          Delivery: Full-time          Method: Hybrid: face-to-face and online          Location: Battlefords Campus          Accreditation: Saskatchewan Polytechnic          Tuition: \$8,848.00          Fees: \$350.00          Books: \$2,300.00</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369</p>

	Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.	
<b>PATH WAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Hairstylist</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

## HAIRSTYLIST CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**BUS 101              Salon Operations**

*You will develop an understanding of operating a hair salon and employer expectations. Your studies will develop your awareness of legal and labour regulations, financing, salon design and maintaining shop inventory and equipment. The course covers practical application of personality theories to salon situations.*

**ESTH 100            Introduction to Skin Care and Makeup Techniques**

*You will review a variety of methods and procedures that relate to preserving, maintaining and enhancing the skin. You will practice techniques in eyebrow arching, waxing, and brow and lash tinting.*

**HAIR 100            Foundations of Hairstyling**

*You will explore sciences as they relate to hairstyling. The course content includes chemistry, physics, anatomy and physiology, trichology, nutrition and metric conversion. You will examine communication skills for hairstylists.*

**HAIR 101            Shampoos & Treatment**

*You will study the practice and theory in shampooing, finishing rinses, hair treatments and scalp treatments. You will develop the knowledge required to recognize diseases and disorders of the scalp.*

**HAIR 102            Hairstyling & Braiding Principles**

*The course is an introduction to the basic principles of finger waves, pin curls, roller sets, comb-outs, blow waving and braiding techniques. You will learn to style hair to suit particular client features.*

**HAIR 103            Conventional Wet Styling**

*The course examines the practical application of pin curling, finger waving, wet set styling and comb-outs.*

**HAIR 104            Thermal Styling**

*You will practice air waving, blow waving and iron waving techniques.*

**HAIR 105      Chemical Waving**

*You will study and practice all aspects of chemically treating the hair either through permanent waving or chemical relaxing.*

**HAIR 106      Basic Hair Colouring**

*You will study all aspects of colouring with emphasis on practical applications of temporary, semi-permanent and permanent hair colouring techniques.*

**HAIR 107      Hair Shaping Mechanics**

*You will be introduced to the basic principles of cutting mechanics. You will gain an understanding of the use of hair shaping tools, angles and the elevation of cutting techniques (in theory and in practical).*

**HAIR 108      Specialized Hair Colouring & Lightening**

*You will focus on specialized colouring techniques with emphasis on the practical application of lightening and toning, creative lightening techniques and specialized colouring techniques.*

**HAIR 109      Wigs & Hair Pieces**

*You will practice cleaning and styling human and synthetic wigs, hair pieces and extensions. In your studies you will practice consultation, fitting and styling for wigs, hair extensions, and hair pieces.*

**HAIR 110      Hairstyling Artistry**

*You will pre-plan and perform an individualized hairstyle by analyzing the elements of design and suitability of a hairstyle to suit your client's needs. The course expands on the basic mechanics of hairstyling to help you create special effects using specialized styling techniques.*

**HAIR 111      Hair Shaping Artistry**

*You will expand on basic haircutting techniques with an introduction to art principles, creating individualized designs, custom design, and cutting. You will learn how to pre-plan a precision hair shape to suit the client's needs, lifestyle, body stature and styling abilities.*

**HAIR 112      Chemical Waving Artistry**

*You will plan and wrap chemical wave designs including specialized techniques for all hair lengths.*

**HAIR 113      Men's Hair Shaping**

*You will practice barbering techniques for unisex styling. These techniques include clipper cutting, shear/comb techniques, razor/combing.*

**NAIL 100      Introduction to Manicures & Pedicures**

*You will develop an understanding of the anatomy of hands and feet. Your studies will help you acquire an understanding of hand and nail care, diseases and disorders. You will practice giving manicures and pedicures.*

**NAST 103      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.*

**PRAC 200 Customer Service Practicum 1**

*You will become familiar with salon practices and gain experience in dealing with clients and reinforcing the skills you have practiced on mannequins and other students. You will prepare to work as a hairstylist by practicing under the direct supervision of an instructor.*

**PRAC 201 Customer Service Practicum 2**

*You will focus on professionalism in the salon, teamwork and customer service at a basic level. You will build on the skills you learned in PRAC 200.*

**PRAC 202 Customer Service Practicum 3**

*You will learn how to become more efficient in your skills in dealing with clients and learning the best practices of salon client consultation. You will prepare to work as a hairstylist by practicing under the direct supervision of an instructor. You will build on the skills you learned in PRAC 201.*

**PRAC 203 Customer Service Practicum 4**

*You will develop a clientele and work with co-workers to provide quality customer service. You will prepare to work as a hairstylist by practicing with moderate supervision of an instructor and learn industry professionalism. You will build on skills you learned in PRAC 202.*

**PRAC 204 Customer Service Practicum 5**

*You will gain experience in dealing with conflict and consult with clients independently. You will prepare to work as a hairstylist by practicing with minimal supervision of an instructor. You will build on skills you learned in PRAC 203.*

**PRAC 205 Customer Service Practicum 6**

*You will demonstrate mastery in performing all hairstylist services. You will participate in a mock journey person evaluation.*

**PRAC 215 Salon Reception & Retail Practicum**

*Your studies will focus on telephone skills, processing payments, maintaining records and opening and closing reception duties in a hair salon. You will practice your reception skills in the salon along with selling products and services, merchandising retail products and managing a salon. You will operate and maintain the hair salon dispensary.*

**SANT 108 Sanitation, Safety & Hygiene for Hairstylists**

*Your studies will focus on safety as it relates to a hair salon, personal health and sanitation. This course provides instruction in the study of bacteriology. You will also study relevant safety concerns such as fire safety, health risks and diseases.*

**SEM 100 Beauty Culture Seminar**

*You will participate in field trip experiences to enrich your industry contacts, increase your product knowledge and learn about the latest technology and techniques.*

**WORK 104 Work Placement Practicum**

*To help you in your final preparations for employment, you will spend one week in industry. You will have the opportunity to observe in the work environment and become familiar with the everyday customer relations and working schedules of a salon.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## HAIRSTYLIST CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>Hairstylist is a pre-employment certificate program. Hairstylists who want to work in the trade are legally required to first complete a 1,500 hour pre-employment program. You will learn how to perform techniques on hair, wigs, hairpieces, skin and nails. You will also develop artistry, salon management and customer service skills. The program provides an apprenticeship period of up to two years. Graduates have the opportunity of going directly to Level 2 of the Esthetician Program.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Hairstylists and Barbers (NOC 6341) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 430 jobs openings between 2019 – 2023. [Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</li> </ul> <p>Earning Potential: NOC 6341 Hairstylists and Barbers \$23,820 - \$54,000 per year [Source: Relevance Magazine]</p>
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<b>PATH WAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Hairstylist</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>
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## HAIRSTYLIST CERTIFICATE – 1 YEAR COURSE BREAKDOWN

### Code

### Name

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*You will review a variety of methods and procedures that relate to preserving, maintaining and enhancing the skin. You will practice techniques in eyebrow arching, waxing, and brow and lash tinting.*

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#### **HAIR 103 Conventional Wet Styling**

*The course examines the practical application of pin curling, finger waving, wet set styling and comb-outs.*

#### **HAIR 104 Thermal Styling**

*You will practice air waving, blow waving and iron waving techniques.*

#### **HAIR 105 Chemical Waving**

*You will study and practice all aspects of chemically treating the hair either through permanent waving or chemical relaxing.*

**HAIR 106 Basic Hair Colouring**

*You will study all aspects of colouring with emphasis on practical applications of temporary, semi-permanent and permanent hair colouring techniques.*

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*You will develop an understanding of the anatomy of hands and feet. Your studies will help you acquire an understanding of hand and nail care, diseases and disorders. You will practice giving manicures and pedicures.*

**NAST 103 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.*

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**PRAC 203 Customer Service Practicum 4**

*You will develop a clientele and work with co-workers to provide quality customer service. You will prepare to work as a hairstylist by practicing with moderate supervision of an instructor and learn industry professionalism. You will build on skills you learned in PRAC 202.*

**PRAC 204 Customer Service Practicum 5**

*You will gain experience in dealing with conflict and consult with clients independently. You will prepare to work as a hairstylist by practicing with minimal supervision of an instructor. You will build on skills you learned in PRAC 203.*

**PRAC 205 Customer Service Practicum 6**

*You will demonstrate mastery in performing all hairstylist services. You will participate in a mock journey person evaluation.*

**PRAC 215 Salon Reception & Retail Practicum**

*Your studies will focus on telephone skills, processing payments, maintaining records and opening and closing reception duties in a hair salon. You will practice your reception skills in the salon along with selling products and services, merchandising retail products and managing a salon. You will operate and maintain the hair salon dispensary.*

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*Your studies will focus on safety as it relates to a hair salon, personal health and sanitation. This course provides instruction in the study of bacteriology. You will also study relevant safety concerns such as fire safety, health risks and diseases.*

**SEM 100 Beauty Culture Seminar**

*You will participate in field trip experiences to enrich your industry contacts, increase your product knowledge and learn about the latest technology and techniques.*

**WORK 104 Work Placement Practicum**

*To help you in your final preparations for employment, you will spend one week in industry. You will have the opportunity to observe in the work environment and become familiar with the everyday customer relations and working schedules of a salon.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



# HEAVY EQUIPMENT & TRUCK & TRANSPORT TECHNICIAN APPLIED CERTIFICATE



<b>CAREER OVERVIEW</b>	<p>The Heavy Equipment and Truck and Transport Technician program gives you basic training in two high-demand mechanical trades at once. Heavy duty equipment technicians work on large mobile equipment—bulldozers, cranes, graders, loaders and earthmovers used in construction, mining, forestry and more. Truck and transport mechanics work on trucks, buses and highway transport vehicles for dealers, garages and transportation companies. Build the knowledge and skills you need to service, maintain, diagnose and repair heavy equipment, trucks, buses and transport vehicles.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Heavy-Duty Equipment Mechanics (NOC 7312) in Saskatchewan for 2019 – 2021 period is good with a forecast of 410 jobs openings between 2019 – 2023.</li> <li>• Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers (NOC 7321) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 970 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table> <tr> <td>NOC 7312</td> <td>Heavy-Duty Equipment Mechanics</td> <td>\$44,620 - \$93,600 per year</td> </tr> <tr> <td>NOC 7321</td> <td>Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers</td> <td>\$33,280 - \$82,580 per year</td> </tr> </table> <p>[Source: Relevance Magazine]</p>	NOC 7312	Heavy-Duty Equipment Mechanics	\$44,620 - \$93,600 per year	NOC 7321	Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers	\$33,280 - \$82,580 per year
NOC 7312	Heavy-Duty Equipment Mechanics	\$44,620 - \$93,600 per year					
NOC 7321	Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers	\$33,280 - \$82,580 per year					
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 11 with Math 20, Foundations of Math 20 or Workplace and Apprenticeship Math 20 or Pre-Calculus 20</p> <p>Special Admission is not available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>						
<b>NORTH WEST COLLEGE</b>	<p><b>Heavy Equipment &amp; Truck &amp; Transport Technician Applied Certificate</b></p> <p>Dates: February 6, 2023 – June 23, 2023 Duration: 19 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Meadow Lake Campus Accreditation: Saskatchewan Polytechnic Tuition: \$3,260.00 Fees: \$50.00 Books: \$1,700.00 (Estimates)</p>						

	<p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Redhead Equipment Outstanding Student Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Heavy-Duty Equipment Mechanic</li> <li>• Truck and Bus Mechanic</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

## HEAVY EQUIPMENT & TRUCK & TRANSPORT TECHNICIAN - APPLIED CERTIFICATE

**Code            Name**

**BRAK 113    Brake Systems Air Theory**

*You will study the design, operation and service recommendations for air operated systems. Air operated anti-lock braking systems will be covered. Traction and stability control systems will also be covered.*

**BRAK 114    Brake Air Systems Shop**

*You will service, repair and test air activated foundation brake systems. Park brake systems of various designs will be evaluated. Anti-lock, traction, and stability control systems will be analyzed.*

**BRAK 115    Brake Systems Hydraulic Theory**

*You will study the design, operation and service recommendations for hydraulic brake systems. Hydraulically operated anti-lock braking systems will be covered. Traction and stability control systems will be discussed. You will also learn about electric braking systems.*

**BRAK 116    Brake Systems Hydraulic Shop**

*You will service, repair and test hydraulically activated foundation brake systems. Park brake systems of various designs will be evaluated. Air-lock, traction, and stability control systems will be analyzed. Electric brake systems will be serviced and repaired.*

**ELCT 102    Electrical Basics Theory**

*You will study the fundamentals of electricity and magnetism, Ohm's law and the use of analog and digital meters. Various faults and their effects on circuit operation will be discussed. You will study battery construction, operation, as well as testing and servicing procedures.*

**ELCT 103     Electrical Basics Shop**

*You will practice diagnosing faults in electrical circuits using digital meters. Wet cell batteries will be tested and serviced as required.*

**HVAC 101     Environmental Control Systems**

*You will become familiar with the Heating, Refrigeration and Air Conditioning Institute's program on environmental awareness regarding Ozone Depleting Substances.*

**HYDR 114     Hydraulic Basics Theory**

*You will study the basic hydraulic principles of flow and pressure, system component operation and maintenance procedures. You will also learn to interpret symbolic diagrams to determine system operation.*

**HYDR 115     Hydraulic Basics Shop**

*You will disassemble, inspect, measure, assemble, adjust and test hydraulic pumps, valves and motors on a test stand. You will disassemble and repair hydraulic cylinders from live machines or shop models. You will work with common types of hydraulic fittings and adaptors, and practice installing hose ends, flaring and bending tubing.*

**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.*

**MAIN 104     Structural Components Theory**

*You will cover preventative maintenance programs on both highway and off road equipment. Hoisting and rigging techniques will be discussed. On highway power unit frame and suspension systems as well as docking and coupling systems will be covered. ROPS and FOPS safety systems will be covered as they pertain to heavy equipment.*

**MAIN 105     Structural Components Shop**

*You will perform preventive maintenance procedures on both off road and on highway equipment. Hoisting and rigging procedures will be implemented. Various hitching and docking systems will be analyzed. Highway tractor frames and suspensions will be inspected. Operator protection systems on heavy equipment will be inspected and repaired.*

**MATH 169     Trade Mathematics**

*You will learn mathematical concepts commonly used in your trade. After reviewing basic arithmetic and basic equations, you will solve various algebra problems as applied to your trade. You will perform Imperial and Metric conversions, and calculate the perimeter, area and volume of many common shapes, as well as use Pythagorean theorem.*

**STER 102     Steering Systems Theory**

*You will focus on basic steering geometry and wheel alignment angles, wheels and tires and tire balancing.*

**STER 103     Steering Systems Shop**

*You will service steering system components and perform a wheel alignment. You will also remove and replace a wheel assembly. Also covered will be hub removal and installation using industry approved procedures. Tire removal, replacement and balancing will also be covered.*

### **TOOL 154 Basic Tools Theory**

You will learn to identify, use and maintain hand tools and shop equipment. You will learn to read and use various measuring instruments and the proper method of sawing, filing, drilling, thread cutting, tool sharpening, and layout procedures. You will also learn to identify and use threaded fasteners and fittings, chemical fasteners and sealants. The course content includes safety rules, basic firefighting techniques and Occupational Health and Safety (OHS) and Workplace Hazardous Materials Information Systems (WHMIS) regulations.

### **TOOL 155 Basic Tools Shop**

You will use and maintain hand tools and shop equipment. You will use various measuring instruments and perform sawing, filing, drilling, thread cutting, tool sharpening and layout procedures. You will use threaded fasteners and fittings, chemical fasteners and sealants. You will demonstrate safety rules and Occupational Health and Safety (OHS) and Workplace Hazardous Materials Information Systems (WHMIS) regulations.

### **WORK 149 Work Experience**

You will participate in a work placement to further your understanding of workplace employer needs. You will become familiar with the industry and gain practical experience in the workplace.

**Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)**



## **INDUSTRIAL MECHANICS (MILWRIGHTS)**

<b>CAREER OVERVIEW</b>	<p>If you like working with machinery, enjoy solving mechanical problems and are good with your hands, check out Saskatchewan Polytechnic's Industrial Mechanics program. You will get the basic knowledge and skills you need to install, repair, overhaul and maintain stationary, industrial machinery and mechanical equipment.</p> <p>Demand for industrial mechanics—also called millwrights—is high across western Canada. Oil &amp; gas and mining are big employers, but there is also demand in manufacturing, milling, power generation and chemical plants.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"><li>• Construction Millwrights and Industrial Mechanics (NOC 7311) the employment outlook will be good for Construction millwrights and industrial mechanics (NOC 7311) in Saskatchewan for the 2021-2023 period.</li></ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table><tr><td>NOC 7311 Construction Millwrights and Industrial Mechanics</td><td>\$41,600 - \$105,900 per year</td></tr></table> <p>[Source: Relevance Magazine]</p>	NOC 7311 Construction Millwrights and Industrial Mechanics	\$41,600 - \$105,900 per year
NOC 7311 Construction Millwrights and Industrial Mechanics	\$41,600 - \$105,900 per year		

<p style="text-align: center;"><b>PRE-REQUISITE</b></p>	<p>Pre-Requisite:</p> <ul style="list-style-type: none"> <li>• Grade 12 with one of the following math: Foundations of Math 20, Workplace and Apprenticeship Math 20, or Pre-Calculus 20.</li> <li>• English Language Requirement</li> </ul> <p>Special admission is available. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>	
<p style="text-align: center;"><b>NORTH WEST COLLEGE</b></p>	<p style="text-align: right;"><b>Industrial Mechanics (Millwright) Applied Certificate</b></p> <p>Dates: February 2, 2023 – June 6, 2023  Duration: 14 weeks  Delivery: Full-time  Method: Hybrid: face-to-face and online  Location: Battlefords Campus  Accreditation: Saskatchewan Polytechnic  Tuition: \$2,250.00  Fees: \$50.00  Books: \$500.00</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<p style="text-align: center;"><b>PATHWAYS</b></p>	<p><b>Further College/University:</b>  Transfer Credits may apply to:  May be eligible for credits toward apprenticeship training (SATCC)</p> <p>The Bachelor of Applied Management (BAMgt) degree provides journeypersons the unique opportunity to leverage existing education and experience into a bachelor's degree with two years of additional study. Part-time and remote options are available.</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Construction Millwrights</li> <li>• Industrial Mechanics</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

## Industrial Mechanics (Millwright) Applied Certificate COURSE BREAKDOWN

Code	Name
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<b>INDM 111</b>	<b>Lubrication, Bearings and Seals</b>
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*You will learn theory and application of lubrication, bearings and seals as it applies to power transmissions.*

<b>TOOL 116</b>	<b>Power Tools</b>
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*You will learn theory and practical operation of grinders, drills and threading machines.*

<b>WLDR 103</b>	<b>Welding and Cutting</b>
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*You will study the basics of oxy-acetylene cutting and welding. You will learn to safely use and store material involved with these operations.*

<b>WORK 117</b>	<b>Work Experience</b>
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*You will participate in a work placement to further your understanding of workplace employer needs.*

<b>MATH 107</b>	<b>Industrial Mechanics, Applied Certificate Trade Mathematics</b>
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*The course reviews basic mathematical concepts and introduces mathematical concepts that support applications in the Industrial Mechanics trade.*

<b>METL 105</b>	<b>Metallurgy and Fabrication</b>
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*You will learn theory and practical application of metallurgy for steels. You will learn theoretical and practical fabrication techniques.*

<b>RIGG 100</b>	<b>Rigging/Installation/Alignment</b>
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*You will develop skills in lifting and shifting loads of different shapes and sizes. It will prepare you to work safely. You will learn to install and align equipment.*

<b>TOOL 114</b>	<b>Hand Tools</b>
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*You will learn the theoretical and practical application of hand tools.*

<b>TOOL 115</b>	<b>Assembly and Measuring Tools</b>
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*You will experience the theoretical and practical application of assembly tools and precision measuring tools.*

<b>DRFT 102</b>	<b>Drafting &amp; Blueprint Reading</b>
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*You will acquire sufficient drafting and blueprint reading skills to produce acceptable shop drawings.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***

# OFFICE ADMINISTRATION CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>Office Administration is a certificate program. The program provides a well-rounded base of knowledge and skill development related to the business environment. You will receive practical and applied training in word processing; accounting; automated accounting; spreadsheets; database and Internet searches; office procedures; employability skills; communications; business calculations; job search techniques.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Administrative Officers (NOC 1221) in Saskatchewan for 2019 – 2021 period is good with a forecast of 1,780 jobs openings between 2019 – 2023.</li> <li>• Executive Assistant (NOC 1222) in Saskatchewan for 2019 - 2021 period is good with a forecast of 230 jobs openings between 2019 – 2023.</li> <li>• Administrative Assistants (NOC 1241) is limited with a forecast of 1,490 jobs openings between 2019 - 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p><b>Earning Potential:</b></p> <p>NOC 1221 Administrative Officers \$33,280 - \$81,990 per year          NOC 1222 Executive Assistant \$49,920 - \$84,950 per year          NOC 1241 Administrative Assistants \$33,160 - \$66,660 per year          [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 12</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p style="text-align: right;"><b>Office Administration Certificate</b></p> <p>Dates: August 29, 2022 – May 26, 2023          Duration: 38 weeks          Delivery: Full-time          Method: Hybrid: face-to-face and online          Location: Meadow Lake Campus          Accreditation: Saskatchewan Polytechnic          Tuition: \$5,122.00          Fees: \$75.00          Books: \$1,800.00</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369</p>

	Scholarship, NWC Board of Governors Scholarship, Stan Wychopen Memorial BBEX Scholarship, Gold Eagle Casino Scholarship, Gold Eagle Lodge Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: Not applicable.</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Administrative Support</li> <li>• Executive Assistant</li> <li>• Administrative Assistant</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

### OFFICE ADMINISTRATION CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**

**ACCT 105    Accounting**

*You will prepare payroll records, record accounting functions for a merchandising business and record transactions in special journals and subsidiary ledgers. You will also perform banking and petty cash functions.*

**BCOM 100    Business Communications 1**

*You will apply grammatical rules and principles in preparation for writing routine business correspondence.*

**BCOM 103    Interpersonal Communications**

*The course will provide opportunities for you to develop important skills used to facilitate effective interpersonal communication in the workplace. Your studies will focus on the development of active listening skills, conflict resolution strategies, verbal skills, and problem-solving strategies.*

**COMP 120    Information Systems**

*Your studies will focus on the practical use of Word, Excel, Outlook and PowerPoint from the Microsoft Office Professional software suite. You will learn a wide range of skills from intermediate to advanced in each of the applications.*

**CKEY 101    Keyboarding 1**

*You will develop ergonomic and keyboarding techniques to attain accuracy and a speed of 30 words per minute on two different three-minute timed writings with a maximum of three errors.*

**COAP 115    Word Processing 1**

*This course introduces fundamental file management and word processing concepts. Using a variety of word processing features, you will learn to format business correspondence, create, format, and edit tables and enhance documents with the addition of graphics.*



**OPRO 100 Office Procedures**

*You will learn time management, customer service and reception skills. You will also learn how to effectively perform office procedures skills related to telephones, incoming and outgoing mail, and business meetings. As well, you will learn internet applications, e-mail, electronic calendaring and scheduling and how to manage office supplies and business forms.*

**OPRP 133 Records Management**

*You will learn about records management procedures and equipment and various types of filing systems including electronic filing.*

**BCOM 102 Business Communications 2**

*You will continue to develop effective business writing skills. You will write routine business correspondence and apply proofreading and editing skills.*

**CKEY 102 Keyboarding 2**

*You will develop ergonomic and keyboarding techniques to attain a speed of 45 words per minute with 98% accuracy on two separate five-minute timed writings.*

**COAP 116 Word Processing 2**

*You will learn to enhance business documents with the addition of styles and the use of columns. You will use advanced features to enhance business documents and tables. You will also merge documents, create templates and forms, use desktop publishing features, and maintain a website.*

**COAP 117 Spreadsheet Applications**

*You will learn how to design spreadsheets and apply numeracy skills to solve business problems. You will focus on formatting, applying formulas and functions, preparing charts, and utilizing data management techniques.*

**COAP 138 Computer Suite Applications**

*In the course, you will learn to create documents that feature the integration of word processing, database, and presentation software.*

**EMPS 105 Personal Management**

*You will focus on your role in the office including professionalism, your rights and responsibilities, customer relations and time management. You will also prepare for the job search process.*

**ACCT 136 Automated Accounting**

*Using an automated accounting software package, you will learn to enter transactions into journals (general, purchase, payments, sales, cash receipts and payroll) and ledgers (general, accounts receivable, accounts payable and payroll), learn to account for inventory, and learn to prepare banking records. You will also prepare the initial automated accounting setup for use by a company.*

**MTER 200 Medical Terminology**

*You will learn the construction of medical words, including root words, combining forms, prefixes, and suffixes, as they relate to body systems and body organization. You will also learn medical abbreviations and symbols.*

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# PLUMBING & PIPEFITTING APPLIED CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>The 17-week Plumbing and Pipefitting Applied Certificate program provides entry-level knowledge and skill development in plumbing installation, water supplies, waste systems and plumbing fixtures. The pass mark for each course is 60%.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Plumbers (NOC 7251) in Saskatchewan for 2019 – 2021 period is limited with a forecast of 150 jobs openings between 2019 – 2023.</li> <li>• Steamfitters, Pipefitters and Sprinkler System Installers (NOC 7252) in Saskatchewan for 2019 - 2021 period is limited with a forecast of 80 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <table> <tr> <td>NOC 7251</td> <td>Plumbers</td> <td>\$37,440 - \$81,120 per year</td> </tr> <tr> <td>NOC 7252</td> <td>Steamfitters, Pipefitters and Sprinkler System Installers</td> <td>\$54,350 - \$93,700 per year</td> </tr> </table> <p>[Source: Relevance Magazine]</p>	NOC 7251	Plumbers	\$37,440 - \$81,120 per year	NOC 7252	Steamfitters, Pipefitters and Sprinkler System Installers	\$54,350 - \$93,700 per year
NOC 7251	Plumbers	\$37,440 - \$81,120 per year					
NOC 7252	Steamfitters, Pipefitters and Sprinkler System Installers	\$54,350 - \$93,700 per year					
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 11 or GED 12</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>						
<b>NORTH WEST COLLEGE</b>	<p style="text-align: right;"><b>Plumbing &amp; Pipefitting Applied Certificate</b></p> <p>Dates: September 12, 2022 – January 27, 2023  Duration: 17 weeks  Delivery: Full-time  Method: Hybrid: face-to-face and online  Location: Meadow Lake Campus  Accreditation: Saskatchewan Polytechnic  Tuition: \$2,835.00  Fees: \$30.00  Books: \$1,800.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>						

<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Plumber</li> <li>• Pipefitter</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>
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## PLUMBING & PIPEFITTING APPLIED CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code                      Name**

**DRAW 101      Blueprint Reading**

*You will study drafting fundamentals and practice line drawing techniques, applying them to orthographic and isometric projections. You will apply industry symbols and language as it applies to blueprints and specifications. You will produce and interpret basic shop drawings and piping sketches as used at a typical work site.*

**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.*

**PIPE 102      Pipe Fabrication Theory**

*You will discuss trigonometry as it applies to the piping trades. You will learn piping layout, fabrication and support and sleeving techniques. You will be introduced to the common piping materials utilized within the two trades. You also will define piping system protection and system commissioning.*

**PIPE 103      Pipe Fabrication Shop**

*You will work with copper, plastic and steel piping materials to assemble shop projects. You will apply trigonometry functions for solving piping risers, rolling offsets and equal spread offset piping installations. You will install piping supports and sleeves in accordance to codebook protocols for optimal system protection. You will pressure test, then activate each project in accordance to local codes and the local authority having jurisdiction.*

**PLMB 102      Codebook Theory**

*You will practice the fundamental use of the National Plumbing Code of Canada (NPC). You will explain the components of a potable water system and a drainage and vent system. You will apply the NPC in sizing the components of drainage and vent system. You will install a domestic plumbing system.*

**PLMB 103      Gasfitting Theory**

*You will develop the required skills necessary for the installation of a domestic gas piping system. You will be introduced to the gas science applications used in industry, along with the code requirements for proper piping installations. The course emphasizes the safety factors involved in working with natural and propane gas and the importance of accurate code interpretation.*

**PLMB 104 Gasfitting Shop**

*You will develop the required skills necessary for the installation of a domestic gas piping system. You will develop pressure testing protocols used similarly within the gas fitting field. The course emphasizes the safety factors involved in working with natural and propane gas and the importance of accurate code interpretation.*

**SFTY 139 Trade Related Safety**

*You will study general safety as it applies to the plumbing and pipefitting trades. You will be introduced to the Workplace Hazardous Materials Information System (WHMIS) and articles of the Occupational Health and Safety (OH&S) Act & Regulations that apply to these two trades.*

**TOOL 118 Basic Tools & Materials Theory**

*You will learn to use most of the hand and power tools utilized in the plumbing and pipefitting trades. You will develop skills in the safe lifting and moving of materials and equipment used in the shop. You will learn rigging theory and basic rigging techniques used in the industry. You will discuss the types of cranes, crane safety and signaling. You will also study the types of slings, sling configurations and knots utilized for securing loads. You will discuss soldering and brazing material types and the techniques used for joining similar and dissimilar metals.*

**TOOL 119 Basic Tools & Material Shop**

*You will use most of the hand and power tools utilized in the plumbing and pipefitting trades. You will practice safe lifting and moving techniques for materials and equipment used in the shop. You will apply basic rigging techniques and crane signals for hoisting pipe bundles, valves and other trade related materials and equipment. You will practice soldering and brazing with similar and dissimilar metals.*

**WLDR 135 Welding**

*You will identify the safe assembly, operation and maintenance of oxy-fuel cutting (OFC) and Gas Metal Arc Welding (GMAW) processes. You will also demonstrate the safe operation of oxy-fuel cutting (OFC) and Gas Metal Arc Welding (GMAW).*

**WORK 105 Work Experience**

*You will gain valuable experience through a two-week (60 hour) job placement in industry. You will have the opportunity to apply your trade-related technical skills as you increase your understanding of the workplace and employer's needs.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## PRACTICAL NURSING DIPLOMA

<b>CAREER OVERVIEW</b>	<p>Licensed practical nurses (LPNs) are in demand across Canada. There are more job opportunities now than ever before, and more chances to create a career that suits your interests. This two-year Practical Nursing diploma program, offered in cooperation with Saskatchewan Polytechnic, will set you on the road to an exciting future in nursing.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>Licensed Practical Nurse (NOC 3233) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 390 jobs openings between 2019 – 2023. [Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</li> </ul> <p>Earning Potential: NOC 3233 Licensed Practical Nurses \$60,320 - \$77,250 per year [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite:</p> <p>English Language Requirement Grade 12 with a minimum overall average of 65% in the following subjects: English Language Arts A30 English Language Arts B30 Any Grade 12 level math One of Biology 30, Chemistry 30 or Physics 30 One of Social Studies 30, History 30 or Native Studies 30</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.</p>
<b>NORTH WEST COLLEGE</b>	<p><b>Practical Nursing Diploma</b></p> <p>Dates: March 1, 2023 – February, 2023 Duration: 102 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Battlefords Campus Accreditation: Saskatchewan Polytechnic Tuition: \$17,200.00 Fees: \$50.00 Books: \$2,600.00 for year 1</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>

<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: Bachelor of Science in Nursing (UofS, UofR)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Employers:</b></p> <ul style="list-style-type: none"> <li>Licensed Practical Nursing</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>
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## PRACTICAL NURSING DIPLOMA – 2 YEAR COURSE BREAKDOWN

### Year 1

<b>Code</b>	<b>Name</b>
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**CLIN 103     Health Assessment and Praxis 1**

*You will demonstrate, at an introductory level, the assessments and skills associated with the care of adult and geriatric patients. Your experiential learning will provide opportunities to practice your skills and abilities for patients in long term care environments. You will apply the nursing process and principles of patient teaching and practice documentation.*

**NURS 171     Foundations 1 – Foundations of Health**

*You will discuss the metaparadigm of nursing in the context of nursing theories and philosophies. You will describe health determinants, primary health care and health care delivery in Canada. You will discuss law and ethics as they pertain to the nursing profession. You will describe critical thinking and apply key elements of patient safety. You will describe the concepts of culture and ethnicity with a focus on Indigenous and other predominant cultures in Saskatchewan.*

**NURS 172     Variations in Health 1**

*You will begin to apply critical thinking skills, explaining the physiological and psychological health changes of the ageing adult. With guidance, you will apply the nursing process and describe evidence informed practice related to the ageing adult patient. You will describe specific health variations using a systems approach and recognize health promotion strategies in gerontological care.*

**NURS 163     Professional Practice and Communication 1**

*You will explore the concept of self in relation to others. You will illustrate the role of caring in the practice of nursing and begin to develop reflective practice and critical thinking skills. You will demonstrate principles of verbal and non-verbal professional communication and explore the professional image of nursing.*

**PHAR 101     Pharmacology 1**

*You will identify Canadian medication systems, medication classifications and names. You will identify the principles and nursing responsibilities for competent medication calculation and administration. You will demonstrate evidenced informed care and knowledge of medication actions, differentiating medication actions and effects in the body, and examining strategies for safe administration. Your theoretical learning will focus on vitamins, complementary medications, antihistamines and drugs affecting the gastrointestinal system.*

**BIOL 102 Anatomy and Physiology 1**

*In the first of a two-course sequence, you will explore the human body focusing on the interaction between structure and function and the regulation of physiological functions involved in maintaining homeostasis. You will learn how the levels of organization of the body and the components of cells, tissues and organs impact form and function. You will examine the following body systems: integumentary, skeletal, muscular, nervous and special senses.*

**CLIN 104 Health Assessment and Praxis 2**

*You will practice assessments and skills associated with rehabilitative and supportive care. Your experiential learning will provide opportunities for assessment and care of adults with chronic health challenges. You will demonstrate the concepts of patient safety, critical thinking, and evidence informed practice in the delivery of patient care and teaching.*

**Prerequisites(s):** BIOL 100, CLIN 103, NURS 163, NURS 171, NURS 172, PHAR 101

**NURS 176 Foundations 2 – Mental Health**

*You will describe mental health concepts, legal and ethical considerations, and social stigmas related to mental health disorders. You will examine the role of nursing in relation to mental health and describe evidence informed nursing practice for patients and their families. You will promote mental health for patients and their families using the metaparadigm of nursing, demonstrating critical thinking and inquiry in your application of the nursing process. You will examine specific mental health disorders and examine strategies to promote safety in the context of mental health.*

**Prerequisites(s):** BIOL 100, CLIN 103, NURS 163, NURS 171, NURS 172, PHAR 101

**NURS 293 Variations in Health 2**

*You will examine variations in health and common chronic conditions diagnosed in the adult population. You will apply knowledge of anatomy and pathophysiology to explore health challenges affecting body systems. You will examine the diagnostic findings, nursing interventions and treatments associated with specific health challenges. With guidance, you will apply the nursing process, promote safety, and use critical thinking and evidence informed practice to deliver holistic nursing care.*

**Prerequisites(s):** BIOL 100, CLIN 103, NURS 163, NURS 171, NURS 172, PHAR 101

**PHAR 102 Pharmacology 2**

*You will demonstrate skills and abilities required for medication administration to pediatric and adult populations. You will prepare and administer medications through enteral, percutaneous and parenteral routes. You will examine medication classifications for the cardiovascular, endocrine, immune, and central nervous and autonomic nervous systems, and demonstrate evidenced informed practice in applying principles of safe medication administration.*

**Prerequisites(s):** BIOL 100, CLIN 103, NURS 163, NURS 171, NURS 172, PHAR 101

**NURS 240 Professional Practice and Communication 2**

*You will examine therapeutic relationships with an emphasis on caring, advocacy, diversity, and managing ethical dilemmas. You will examine trends and issues in Canadian nursing practice and identify the scope of professional practice for the practical nurse.*

**Prerequisites(s):** BIOL 100, CLIN 103, NURS 163, NURS 171, NURS 172, PHAR 101

**BIOL 103 Anatomy and Physiology 2**

*In the second of a two-course sequence, you will continue to explore the human body focusing on the interaction between structure and function and the regulation of physiological functions involved in maintaining homeostasis. You will examine how the levels of organization of the body and the components of cells, tissues and organs impact the form and function for the following body systems: endocrine, blood, cardiovascular, lymphatic, respiratory, digestive, urinary, fluid, electrolyte*

and acid-base balance and reproductive.

**Prerequisites(s):** BIOL 102

### **CLIN 105      Integrated Clinical Practice 1**

*You will apply your knowledge and skills related to holistic nursing care of patients. Your experiential learning will focus on rehabilitative and supportive care for patients experiencing a variety of health challenges. With faculty guidance, you will demonstrate the principles of health teaching and perform complete and focused health assessments. You will demonstrate professional behaviour and practice collaborative relationships with patients and the interprofessional team to deliver safe, competent, and ethical patient care.*

**Prerequisites(s):** BIOL 101, CLIN 104, NURS 176, NURS 240, NURS 293, PHAR 102

### **SOCI 160      Foundations of Sociology**

*Using your sociological imagination, you will examine how to practice sociology, and learn about the importance of culture, socialization, and the family. You will discuss social inequality in Canada, as well as explore the concepts of social control and deviance. Your studies will also include issues related to the power of mass media, the dualism of sex and gender, and race and ethnicity. You will have an opportunity to examine collective behavior, social movements, social change, and globalization.*

## **Year 2**

### **CLIN 240      Health Assessment and Praxis 3**

*You will apply knowledge and skills associated with curative and restorative care and perform focused health assessments. Your experiential learning will include organizing care for adult patients with acute health challenges in the context of medical and surgical environments. You will plan patient-centred care, prepare patient teaching, and apply concepts of patient safety and critical thinking supported by your use of evidence informed practice.*

### **NRSG 257      Professional Practice and Communication 3**

*You will examine the professional roles, ethical responsibilities and relationships of the practical nurse. You will explore nursing standards of practice, and concepts of professional development and reflective practice in the context of life-long learning. You will analyze conflict resolution in relation to personal and professional relationships, and examine nursing informatics and skills for professional employment.*

### **NRSG 258      Addictions**

*You will examine substance abuse and the physiological and psychological risks related to addiction. You will describe the processes of withdrawal and detoxification and examine the principles and application of the harm reduction model. You will examine addictions treatment models and describe the challenges of addictions treatment for patients with concurrent disorders. You will apply critical thinking and inquiry throughout the nursing process in addictions care.*

### **NURS 294      Variations in Health 3**

*You will examine the concepts of holistic nursing care related to acute variations in health for the adult patient. You will interpret laboratory and diagnostic findings in the context of acute health challenges. You will interdependently use the nursing process to deliver competent care; applying concepts of safety, critical thinking, and evidence informed practice. You will compare specific surgical treatments and apply concepts related to preoperative, intraoperative and postoperative nursing care.*



**SOCI 201      Culture and Diversity in Health Sciences**

*You will explore the cultural diversity of Canadian society. You will discuss immigration trends, cultural values and the implications to the provision of health services. Cultural safety in healthcare and the role of the health care professional will be discussed in context.*

**CLIN 241      Health Assessment and Praxis 4**

*You will perform assessments and skills with increasing proficiency for adult patients requiring curative and restorative medical and surgical care. You will plan holistic nursing care supported by evidence informed practice and critical thinking. Your experiential learning will provide opportunities to demonstrate knowledge and skills related to maternal, newborn and pediatric patients. You will examine medical emergencies and plan care with increased interdependence in collaboration with the health care team.*

**NRSG 299      Variations in Health 4**

*You will examine the complex nursing care of patients with multi-system challenges and medical emergencies. You will plan ethical and competent holistic nursing care related to acute variations in health. You will apply concepts of safety critical thinking, and evidence informed practice in the delivery of patient care.*

**NURS 292      Foundations 3 – Maternal Child Health**

*You will examine foundational assessments in the context of maternal, newborn and pediatric patient populations. You will identify growth and development milestones from newborn to adolescence with a focus on family-centred care. You will apply critical thinking and inquiry to examine common medical, surgical, nutritional, and mental health issues common in childhood and adolescents. You will examine health promotion, teaching and safety of these populations in a variety of contexts.*

**PHAR 215      Pharmacology 3**

*You will demonstrate skills and abilities required to safely prepare and administer medications through the intravenous route. You will interpret diagnostic tests and provide evidence informed patient care related to medication administration. You will recognize medications used in emergency patient care and examine traditional and alternative medications. You will identify the purpose and schedule for specific immunizations and plan patient teaching related to medication administration.*

**CLIN 242      Integrated Clinical Practice 2**

*You will plan safe, competent patient care working in partnership with a licensed practical nurse. You will manage patient care with increased interdependence and confidence, demonstrating enhanced organization, decision-making, and critical thinking abilities. You will examine the leadership role of the practical nurse in the context of the health care team. You will examine the value of reflective practice in relation to lifelong learning. You will establish collaborative relationships, using professional communication, and demonstrate respect for diversity and ethical practice.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## PSYCHIATRIC NURSING DIPLOMA

<b>CAREER OVERVIEW</b>	<p>If you want to play a role in advancing the mental health and well-being of individuals, families and communities, this Psychiatric Nursing program will appeal to you.</p> <p>Psychiatric Nursing is a two-and-a-half-year diploma program delivered through blended learning via classes, labs and practicums. Experienced faculty will help you link theory with practice to help clients with mental illness, psychiatric disorders and developmental and/or cognitive difficulties function at their maximum potential. You will build a strong foundation in psychiatric nursing practice, including health assessment and interventions; mental health challenges; counselling models and therapeutic relationships; family and community partnerships; psychotropic pharmacology; and addictions and forensics.</p> <p>This program is accredited by Saskatchewan Polytechnic, one of the most respected providers of nursing education in Canada. This Psychiatric Nursing program is recognized by the Registered Psychiatric Nurses Association of Saskatchewan, as well as the College of Registered Psychiatric Nurses of Alberta (CRPNA), College of Registered Psychiatric Nurses of British Columbia (CRPNBC), and College of Registered Psychiatric Nurses of Manitoba (CRPNM).</p> <p>On graduation, you will be eligible to write the Canadian Registered Psychiatric Nurses exam, register with the Registered Psychiatric Nurses Association of Saskatchewan (RPNAS) and apply for designation as a registered psychiatric nurse (RPN).</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>Registered Nurses and Registered Psychiatric Nurses (NOC 3012) is fair with a forecast of 1,900 jobs openings between 2019 - 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:          NOC 3012 Registered Nurses and          Registered Psychiatric Nurses: \$72,800 - \$100,880 per year          [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite:</p> <ul style="list-style-type: none"> <li>English Language Requirement</li> <li>Grade 12 with a minimum overall average of 70% in the following five subjects:</li> <li>English Language Arts A30</li> <li>English Language Arts B30</li> <li>One 30-level math such as Foundations of Math 30, Pre-Calculus 30, Math A30, Math B30, Math C30, Calculus 30, or General Math 30</li> <li>Biology 30</li> <li>Chemistry 30</li> <li>First Aid and CPR C with AED</li> <li>Criminal Record Check &amp; Vulnerable Sector Search</li> </ul>

	WHMIS Globally Harmonized System certification TLR certification Advanced Level Professional Assault Response Training (PART)	
	Special Admission is not available for this program. Contact North West College at 306.937.5100 (Battlefords) or 306.234.5100 (Meadow Lake) for details.	
<b>NORTH WEST COLLEGE</b>	<p><b>Psychiatric Nursing Diploma</b></p> Dates: August 29, 2022 – December 1, 2024 Duration: 117 weeks Delivery: Full-time Method: Hybrid: face-to-face and online Location: Battlefords Campus Accreditation: Saskatchewan Polytechnic Tuition: \$12,476.00 Fees: \$50.00 Books: \$3150.00 (Estimates) <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Walker Wood Foundation Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>          Transfer Credits may apply to:          Bachelor of Psychiatric Nursing (Saskatchewan Polytechnic)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>Registered Psychiatric Nurse</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

### PSYCHIATRIC NURSING DIPLOMA – 2.5 YEAR COURSE BREAKDOWN

#### YEAR 1

**Code            Name**

**APHY 162    Anatomy and Physiology 1**

*You will develop an understanding of the human body, its structures and how it functions to maintain homeostasis. You will acquire knowledge of the interactions of the body's structures including cells, tissues, organs, and certain organ systems. You will learn the structures and functions of the integumentary, skeletal, muscular, cardiovascular, and respiratory systems.*

**MICR 159    Microbiology**

*You will study the various types of microorganisms, their characteristics and their role in the spread of infection. You will be introduced to the principles of health care epidemiology and the commonly used agents to control microbial growth. You will acquire knowledge of the major viral, bacterial and fungal diseases. Using group work, independent learning as well as laboratory activities you will study how the major diseases affect the immune system and the organs of the body. You will study the responsibilities and roles of health care workers in the chain of infection.*

**MICR 161    Medical/Surgical Nursing Skills**

*You will explore the concepts of microbiology in relation to infection control and patient care. You will demonstrate these concepts in the performance of select psychomotor skills in a simulated situation.*

**NRSG 100    Promotion of Psychiatric Nursing Praxis**

*You will be introduced to concepts of self that are central to the profession of psychiatric nursing. You will use critical reflection and synthesis to focus on developing the skills and attitudes expected of effective registered psychiatric nurses.*

**NRSG 101    Introduction to Psychiatric Nursing Concepts**

*You will be introduced to the Psychiatric Nursing curriculum framework, professional regulation, leadership concepts, and writing and research process. You will examine the concepts of mental health promotion and primary health care. You will review past, present and future influences that contribute to the psychiatric nursing profession.*

**APHY 262    Anatomy and Physiology 2**

*You will continue to study the anatomy and physiology of the human body, focusing on how its structures function to maintain homeostasis. You will learn the structures and functions of the endocrine, urinary, nervous, digestive, sensory, and reproductive systems.*

**NRSG 233    Interpersonal Partnerships**

*You will acquire the knowledge to develop the skills needed to establish therapeutic relationships and to conduct effective individual interviews. You will have an opportunity to practice communication skills, essential interpersonal elements, critical thinking and critical reflection in a practice setting.*

**NRSG 234    Physical Assessment**

*You will establish a foundation for the development of physical health assessment skills. You will be introduced to theory related to psychological, sociocultural and spiritual assessment. You will learn to adapt engagement skills, interviewing techniques, history taking and head-to-toe physical assessment to special populations. You will have an opportunity to practice comprehensive physical health assessments.*

**NRSG 235    Aboriginal Studies 1**

*You will be introduced to Aboriginal history and culture. You will explore the origins of Aboriginal populations, historical perspectives, Indian treaties, Indian policy, and the impact of these developments. Upon completion of this course, you will have gained an understanding of the Aboriginal culture.*

**PSYC 163    Healthy Life Span Development**

*You will be introduced to the study of human development over the life span from conception to death. You will examine selected theories and processes of the growth and development of individuals throughout the life span within the context of family and community. You will discuss*

*health promotion and selected prevalent health issues for each domain of the life span in relation to psychiatric nursing practice.*

**CLIN 213      Clinical 1**

*You will have the opportunity to apply theory and concepts learned from Term 1 to Term 3 of the Psychiatric Nursing program. You will use critical reflection, critical thinking and clinical judgment to apply holistic psychiatric nursing care in a psycho-geriatric setting with assigned clients.*

**NRSG 236      Introduction to Pharmacology**

*You will develop knowledge of medications, the medication research process and patient safety. You will examine the history and future of psychopharmacology.*

**NRSG 237      Health and Healthcare Concepts**

*You will be introduced to selected physical illnesses and psychiatric disorders of the older adult, concepts of psychiatric co-morbidity with medical diagnosis and selected interpersonal interventions. You will have the opportunity to explore concepts of holistic psychiatric nursing care related to selected health challenges.*

**Year 2**

**CLIN 214      Clinical 2**

*You will have the opportunity to apply concepts learned from Term 1 to Term 4 of the Psychiatric Nursing program. You will use critical reflection, critical thinking and clinical judgment to apply holistic psychiatric nursing care in acute psychiatry with assigned clients.*

**NRSG 238      Individual Partnerships**

*Your studies will focus on concepts of effective professional helping with individuals. You will be introduced to evidence-based psychological interventions, selected theories of counseling, several counseling approaches and strategies. You will have opportunity to apply this theory in a practice setting.*

**NRSG 239      Addictions**

*You will learn about selected addiction assessment tools, types of addictions, psychiatric nursing interventions and concepts in health promotion, prevention and harm reduction. You will examine theories and models including medical, disease and biopsychosocial and the various treatment options available.*

**NRSG 240      Psychotropic Pharmacology**

*You will build on the basic concepts from the NRSG 236 (Introduction to Pharmacology) course. You will learn to assess pharmacotherapeutics and provide safe administration of psychotropic agents and psychiatric nursing interventions.*

**NRSG 241      Psychiatric Nursing Assessment, Responses and Interventions**

*Your studies will focus on the assessment and continuum of client responses to mental illness and mental health assessment. You will be introduced to standard tests, rating scales for mental health assessment, concepts of relapse, recovery and co-morbidity. You will have the opportunity to design interventions for individuals experiencing psychiatric disorders.*

**CLIN 215      Clinical 3**

*You will have the opportunity to apply theory and concepts learned during Term 1 to Term 5 of the Psychiatric Nursing program. You will use critical reflection, critical thinking and clinical judgment to*

*apply holistic psychiatric nursing care in a child and/or adolescent practice setting. You will apply the new theory you are learning in Term 5 to the clinical setting.*

**NRSG 242 Group Partnerships**

*You will be introduced to the foundations of group work. Your studies will focus on group theory, group process and mental health promotion. You will have the opportunity to participate in groups and develop practical skills in group facilitation.*

**NRSG 243 Children and Adolescents**

*You will be introduced to selected theory of common psychiatric, developmental and social disorders of children and adolescents. You will be provided the opportunity to explore selected models of assessment and psychiatric nursing interventions.*

**NRSG 244 General Pharmacology**

*You will build upon the pharmacology concepts from Term 3 and Term 4 of the Psychiatric Nursing program. You will be provided with further opportunity to explore and assess selected pharmacotherapeutics and other related nursing interventions.*

**NRSG 245 Health and Mental Health Literacy**

*You will be introduced to concepts of teaching and learning. You will examine a literacy model and develop strategies to support mental health literacy across selected populations.*

**NRSG 246 Family Partnerships**

*You will learn about selected family theory, selected family assessment tools and psychiatric nursing interventions that will prepare you to work with individuals within diverse families. You will learn about various forms of family violence and explore the issues and challenges of families. You will develop strategies to improve an individual's functioning within the context of a family and have the opportunity for experiential learning through practice working with families.*

**CLIN 216 Clinical 4**

*You will have the opportunity to apply concepts learned during Term 1 to Term 5 of the Psychiatric Nursing program and apply new concepts learned during Term 6. You will use critical reflection, critical thinking and clinical judgment to apply holistic psychiatric nursing care to assigned clients in a selected setting.*

**NRSG 247 Forensics**

*You will gain an understanding of the role of the psychiatric nurse in secure environments. You will examine professionalism, prison culture and subculture, psychiatric nursing assessment and protocols for interventions. You will learn about selected theory of care, custody and control in forensic settings.*

**NRSG 248 Community Partnerships**

*You will learn about selected community theory and community assessment tools as well as psychiatric nursing roles and interventions that will prepare you to work with diverse communities. You will develop strategies to improve community function and have the opportunity for experiential learning through practice working with individuals within the context of communities.*

**CLIN 217 Consolidated Clinical 5**

*You will have the opportunity to consolidate concepts learned during Term 1 to Term 6 of the Psychiatric Nursing program and apply new concepts learned during Term 7. You will use critical reflection, critical thinking and clinical judgment to apply holistic psychiatric nursing care to assigned clients in a clinical setting.*

**CLIN 218 Preceptored Clinical 6**

*During your selected preceptored experience, you will be given the opportunity to demonstrate integration, synthesis and application of the theoretical concepts of the Psychiatric Nursing program. You will use critical reflection, critical thinking and clinical judgment to demonstrate your ability to model professional practice roles and functions.*

**NRSG 249 Professional Development**

*You will examine the concepts of interdisciplinary practice, leadership, professional practice transition issues and professional self-care. You will be introduced to the theory of portfolio development and be afforded the opportunity to create an E-Portfolio.*

**NRSG 250 E-mentoring**

*You will be introduced to mentorship and have the opportunity to collaboratively partner with a Registered Psychiatric Nurse (RPN) mentor. You will use enhanced technology to reflect upon and document your mentorship experience.*

**Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)**



**UNIVERSITY**

<b>CAREER OVERVIEW</b>	<p>Battlefords Campus offers first year classes from University of Saskatchewan and select classes from University of Regina. In Meadow Lake, students have access to first year of classes from U of R. You must enroll directly with the University, selecting North West College as your campus location.</p> <p>First year students can make the transition from high school to university in a unique college community which fosters friendship, interaction, and academic success.</p> <p>University programming available at the North West College includes:</p> <ul style="list-style-type: none"> <li>• Bachelor of Education (B.Ed.) at the Meadow Lake Campus through the UofR.</li> <li>• Pre-Professional Year of the Bachelor of Science in Nursing (BSN) at the Battlefords Campus through the UofS.</li> <li>• Direct entry into the Edwards School of Business for the first year of the Bachelor of Commerce (B.Comm.) at the Battlefords Campus through the UofS.</li> <li>• Pre-Social Work for the Bachelor of Social Work (BSW) at the Battlefords and Meadow Lake Campus through the UofR.</li> <li>• Many more options that can be started at North West College.</li> </ul> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>• Elementary School Teacher (NOC 4032) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 1,680 jobs openings between 2019 – 2023.</li> <li>• Secondary School Teachers (NOC 4031) in Saskatchewan for 2019 - 2021 period is fair with a forecast of 850 jobs openings between 2019 – 2023.</li> </ul>
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<b>NORTH WEST COLLEGE</b>	<p><b>University</b></p> <p>Dates: Varies – Battlefords Campus Varies – Meadow Lake Campus</p> <p>Duration: Varies</p> <p>Delivery: Full-time/Part-time, weekdays</p> <p>Time: Varies</p> <p>Method: TBA</p> <p>Location: Battlefords Campus &amp; Meadow Lake Campus</p> <p>Tuition: Varies</p> <p>Fees: Varies</p> <p>Books: Varies</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.</p> <p><b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, Kanawayimik Child and Family Services Inc. Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, and Rotary Club of the Battlefords Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b> Transfer Credits may apply to: Masters of Education (UofS, UofR) Bachelor of Science in Nursing (UofS) Bachelor of Commerce (UofS) Bachelor of Social Work (UofR)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Teacher</li> <li>• Registered Nurse</li> <li>• Accountant</li> <li>• Audit Manager</li> <li>• Financial Planner</li> <li>• Real Estate Agent/Broker</li> <li>• Mediator</li> <li>• Compensation Specialist</li> <li>• Consultant</li> <li>• Small Business Owner</li> <li>• Product Manager</li> <li>• Communications Officer</li> <li>• Project Manager</li> <li>• Business Forecaster</li> <li>• Social Worker</li> </ul>

		[Source: University of Saskatchewan website]
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## WELDING CERTIFICATE

<b>CAREER OVERVIEW</b>	<p>The Welding pre-employment certificate program provides knowledge and skill development in operating welding equipment and performing basic welding operations using current welding practices. You will receive training in: oxy-acetylene fusion welding, ARC, MIG and TIG welding processes, operating fabrication equipment, using blueprints, general shop practice, shop safety.</p> <p>Employment Outlook:</p> <ul style="list-style-type: none"> <li>Welders and Related Machine Operators (NOC 7237) in Saskatchewan for 2019 – 2021 period is fair with a forecast of 730 jobs openings between 2019 – 2023.</li> <li>Mechanical Assemblers and Inspectors (NOC 9526) in Saskatchewan for 2019 - 2021 period is good with a forecast of 140 jobs openings between 2019 – 2023.</li> </ul> <p>[Labour market outlook for 2019 – 2021 can be found on <a href="http://jobbank.gc.ca">jobbank.gc.ca</a>, NOC numbers pulled from Saskatchewan Polytechnic website, and forecast of job openings between 2019 – 2023 can be found in Relevance Magazine.]</p> <p>Earning Potential:</p> <p>NOC 7237 Welders and Related Machine Operators \$41,600 - \$89,440 per year          NOC 9526 Mechanical Assemblers and Inspectors \$35,360 - \$61,670 per year          [Source: Relevance Magazine]</p>
<b>PRE-REQUISITE</b>	<p>Pre-Requisite: English Language Requirement Grade 10 or GED 12</p> <p>Special Admission available for this program. Contact North West College at 306.937.5100 (Battlefords) and 306.234.5100 (in Meadow Lake) for details.</p>

<b>NORTH WEST COLLEGE</b>	<p><b>Welding Certificate</b>            Dates: September 2, 2022 – May 27, 2021            Duration: 34 weeks            Delivery: Full-time            Method: Hybrid: face-to-face and online            Accreditation: Saskatchewan Polytechnic            Location: Meadow Lake Campus            Tuition: \$5,928.00 – Meadow Lake Campus            Fees: \$50.00            Books: \$816.00 (Estimates)</p> <p><b>CHOOSE NWC ENTRANCE SCHOLARSHIPS:</b> Valued at \$200 - \$3,000 based on Grade 12 average. Must apply to program before August 1<sup>st</sup> to be eligible.  <b>APPLICATION AND MERIT BASED ENTRANCE SCHOLARSHIPS:</b> Valued at \$500 - \$2000. Aaron Lowe Scholarship, North Battleford Elks Lodge #369 Scholarship, NWC Board of Governors Scholarship, Gold Eagle Casino Scholarship, Ultra Print Scholarship, Rotary Club of the Battlefords Scholarship and North West Career Development Partnership Try-a-Trade Scholarship.</p>	
<b>PATHWAYS</b>	<p><b>Further College/University:</b>            Transfer Credits may apply to:            May be eligible for credits toward apprenticeship training (SATCC)</p> <p>Call your local North West College to book an appointment with our Student Services Coordinator to discuss specific transfer credits and program planning. The onus rest with the student to ensure the transferring institutions recognize existing credits. (wording from other institutions)</p>	<p><b>Possible Job Title:</b></p> <ul style="list-style-type: none"> <li>• Welder</li> <li>• Implement Assembler</li> </ul> <p>[Source: Saskatchewan Polytechnic website]</p>

### WELDING CERTIFICATE – 1 YEAR COURSE BREAKDOWN

**Code            Name**

**COMM 127    Fundamental Communication Skills**

*You will use fundamental employability skills related to obtaining and keeping a job. You will apply skills to work effectively with others and produce job-related documents. You will identify employability and practical skills to prepare effective job search materials and discuss the effect of attitudes and behaviours on a successful job search.*

**EQPT 103    Fabrication Equipment**

*The course covers the proper use and maintenance of the hand tools and the shop equipment used in welding and fabricating shops in industry.*

**MATH 125    Welding Mathematics**

*You will learn math concepts commonly used in the Welding trade. After reviewing basic mathematics and basic equations, you will solve applied percent and proportion problems. You will perform Imperial and SI conversions, and calculate the perimeter, area and volume of many common shapes, as well as use Pythagorean theorem. Trade applications include using protractors and steel tapes as well as calculating stretchouts and economical layout of various plates.*

**METL 100 Metallurgy & Heat Treatment of Metals**

*You will become familiar with the physical and chemical properties of commonly used metals in the welding trade. You will study the effect of the heating and cooling cycle involved in welding operations (with particular attention given to the heat affected zone). You will also review the use of heat to correct distortion and to change the physical properties of metals, and the classification system for identifying metal.*

**PRNT 101 Print Reading**

*Your studies in print reading will include: views, line types, types of drawings and basic welding symbols. You will practice basic drawing interpretation skills.*

**PROJ 102 Shop Projects**

*Constructing various welding projects will help you develop welding and steel fabricating skills.*

**QC 100 Quality Assurance**

*You will study the role of quality and elements of quality assurance in today's welding industry.*

**SFTY 103 Welding Safety**

*Your studies will focus on general safety as it applies to the welding trade. You will learn how to use firefighting equipment, organize a shop for safe welding operation and safely transport and store welding supplies. You will also learn basic rigging techniques. You will study and receive certification in WHMIS and be introduced to the articles of Occupational Health and Safety Act that apply to the trade.*

**WELD 103 Oxy-Acetylene Welding**

*You will learn how to safely operate and maintain oxy-acetylene equipment as used in the welding trade. The course covers the types of flames and their chemistry, the selection of filler metal and a comparison of fusion and braze welding. You will also develop practical skills in fusion welding of 14 gauge steel in the flat and vertical positions, braze welding on mild steel in the flat position and braze welding on cast iron in the vertical position.*

**WELD 104 Cutting Processes**

*You will acquire skill in using freehand and guided methods for cutting mild steel. The freehand method is used to make straight cuts in 14 gauge and straight cuts, bevel cuts and pierce holes in the plate. The guided method is used to do straight cuts, bevel cuts, and cut circles from plate. You will also be introduced to plasma arc cutting.*

**WELD 105 Gas Metal Arc Welding**

*You will learn the procedures for setting up and adjusting welding equipment for Gas Metal Arc Welding (GMAW) of steel and aluminum while addressing GMAW safety concerns. You will learn to select the correct mode of metal transfer and identify and choose the size and type of filler wire and the type of shielding gas to be used. You will learn how to make fillet welds in the flat, vertical and horizontal positions and full strength groove welds in the flat and vertical positions on various metal thicknesses. You will also weld using flux-cored electrode wire (FCAW) and metal-cored electrode wire (MCAW).*

**WELD 106 Gas Tungsten Arc Welding**

*You will learn how to set-up and adjust Gas Tungsten Arc Welding (GTAW) welding equipment required for welding mild steel and aluminum. You will examine the types of electrodes, shielding gases and electrical current types used in the GTAW welding. You will develop skills in welding mild steel, stainless steel and aluminum in the flat position.*

**WELD 107    Shielded Metal Arc Welding 1**

*You will be introduced to the Shielded Metal Arc Welding (SMAW) process and study the types of power sources, electrical characteristics of welding circuits, and mild steel and low alloy electrodes. You will develop your skills in welding beads in the flat, vertical and horizontal positions and producing fillet welds in the horizontal position.*

**WELD 108    Shielded Metal Arc Welding 2**

*You will continue developing skill in using the SMAW process. The course content includes vertical and overhead fillets, arc air gouging and other common applications of the SMAW process.*

**WELD 109    Shielded Metal Arc Welding 3**

*You will further develop your skills in the SMAW process for welding in the flat, vertical and horizontal positions. You will practice full strength, open root, and groove welds in the flat, vertical and horizontal positions. Your groove welds will be subjected to bend testing and evaluated against a standard similar to that used in journey person or ASME code qualification tests.*

***Program information may vary from date of printing. Please check the website for latest details at [northwestcollege.ca](http://northwestcollege.ca)***



## **BATTLEFORDS CAMPUS**

10702 Diefenbaker Drive  
North Battleford SK S9A 4A8  
306-937-5100

## **MEADOW LAKE CAMPUS**

720 5<sup>th</sup> Street West  
Meadow Lake SK S9X 1T9  
306-234-5100



**North West  
College**