



Powerline Technician Course Outline

2024

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Saskatchewan
Apprenticeship and
Trade Certification
Commission

TRAINING PROFILE CHART

This Training Profile Chart represents Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training at the topic level.

Level One	Transcript Code	Hours
Safety	SFTY 100	
Temporary Bonding and Grounding	BOND 100	
Tools and Equipment	TOOL 100	
Electrical Measuring	EMSR 100	
Rigging, Hoisting and Lifting	RIGG 100	
Job Planning and Organization	JOBP 100	
Pole Climbing, Decay and Decay Calculations	POLE 100	
Work Area Access	ACES 100	
Live Line Methods (Introduction)	LLMI 100	
Overhead Distribution Structures (Introduction)	OHDS 100	
Steel Lattice Structures	SLAT 100	
Overhead Conductors and Cables	OHCC 100	
Overhead Distribution Systems (Introduction)	OSYS 100	
Trade Mathematics	TMET 100	
		127

Level Two	Transcript Code	Hours
Live Line Methods (Intermediate)	LLMI 200	
Overhead Conductors and Cables (Tension Stringing)	OHCC 200	
Underground Distribution Systems	USYS 200	
Street Lighting Systems	STRT 200	
Single-Phase Transformers and Switches	TRNS 200	
Protection Equipment	PROC 200	
Single-Phase Metering	METR 200	
Distribution Systems	OSYS 200	
Distribution and Transmission Maintenance	MAIN 200	
Transmission Systems	TSYS 200	
Electrical Theory	THRY 200	
		112

Level Three	Transcript Code	Hours
3-Phase Transformers	TRNS 300	
Voltage Control Equipment	VCEM 300	
Underground and Underwater Work	UWRK 300	
Load Checks	LOAD 300	
Reclosers, Sectionalizers and Fuses	PROC 300	
Transmission System Troubleshooting	TRBL 300	
Service Installations	SRVC 300	
Switching Devices	SWTC 300	
Instrument Transformers	INST 300	
Conductors and Cables (Distribution Stringing)	OHCC 300	
Hotstick Work	HWRK 300	
		112

Level Four	Transcript Code	Hours
Mentoring	MENT 400	
25KV Rubber Glove	RBGL 400	
Conductors and Cables	OHCC 400	
Capacitors, Regulators and Reactors	CRAR 400	
System Protection Apparatus	SYSP 400	
Introduction to Substations	SUBS 400	
Line Patrol	PRTL 400	
Transmission System Repair	TSYS 400	
Cellular Towers	CELL 400	
		75

TECHNICAL TRAINING COURSE OUTLINE

This chart outlines the model for Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) technical training sequencing. For the harmonized level of training, a cross reference to the Red Seal Occupational Standard (RSOS) apprenticeship technical training sequencing, at the learning outcome level, is provided.

Level One	12 Days	127 hours
Safety		SFTY 100
<ul style="list-style-type: none">• demonstrate knowledge of safety equipment, their applications, maintenance and procedures for use• demonstrate knowledge of safe work practices• demonstrate knowledge of regulatory requirements pertaining to safety• demonstrate knowledge of lock-out and tag-out procedures, their applications and use		
Temporary Bonding and Grounding		BOND 100
<ul style="list-style-type: none">• demonstrate knowledge of grounding and bonding methods and equipment• demonstrate knowledge of the procedures used to install, inspect and maintain grounding and bonding systems		
Tools and Equipment		TOOL 100
<ul style="list-style-type: none">• demonstrate knowledge of tools and equipment, their applications, maintenance and procedures for use		
Electrical Measuring		EMSR 100
<ul style="list-style-type: none">• demonstrate knowledge of power and energy, their characteristics and associated principles• demonstrate knowledge of units of measure and symbols relating to power and energy• demonstrate knowledge of the instruments and procedures used to measure power and energy		
Rigging, Hoisting and Lifting		RIGG 100
<ul style="list-style-type: none">• demonstrate knowledge of rigging, hoisting and lifting equipment, their applications, limitations and procedures for use• demonstrate knowledge of basic rigging, hoisting and lifting techniques		
Job Planning and Organization		JOBP 100
<ul style="list-style-type: none">• demonstrate knowledge of drawings, schematics and specifications and their applications• demonstrate knowledge of interpreting and extracting information from drawings, basic schematics and specifications• demonstrate knowledge of grid map reading• demonstrate knowledge of the procedures used to find a land location on a map• demonstrate knowledge of traffic control equipment, their applications, maintenance and procedures for use• demonstrate knowledge of traffic control techniques and procedures• demonstrate knowledge of job tasks, procedures, and the order in which they are completed• demonstrate knowledge of different communication techniques, their applications and use		

Pole Climbing, Decay and Decay Calculations**POLE 100**

- demonstrate knowledge of pole decay and decay calculations, their application and use
- demonstrate knowledge of how to tag and stub a pole, its application and use
- demonstrate knowledge of pole climbing, its applications, limitations and procedures for use
- demonstrate knowledge of pole climbing equipment, its applications, limitations and procedures for use

Work Area Access**ACES 100**

- demonstrate knowledge of ladders, their applications, limitations and procedures for use
- demonstrate knowledge of aerial devices, their applications and operation
- demonstrate knowledge of basic hydraulic principles
- demonstrate knowledge of hydraulic equipment components, their applications and operation
- demonstrate knowledge of on and off-road equipment, their applications, maintenance and operating procedures

Live Line Methods (Introduction)**LLMI 100**

- demonstrate knowledge of the principles of live line work
- demonstrate knowledge of the procedures used to perform live line work
- demonstrate knowledge of rubber gloves, their applications, maintenance and use
- demonstrate knowledge of insulating sticks, their applications, maintenance and use

Overhead Distribution Structures (Introduction)**OHDS 100**

- demonstrate knowledge of overhead system construction principles
- demonstrate knowledge of different poles and the procedures to properly setting a pole
- demonstrate the knowledge of the angles and lengths involved in tensioning lines and equipment

Steel Lattice Structures**SLAT 100**

- demonstrate knowledge of steel lattice structures, their applications and use
- demonstrate knowledge to assemble, erect and install steel lattice structures

Overhead Conductors and Cables**OHCC 100**

- demonstrate knowledge of the effects of sagging on conductors
- demonstrate knowledge of the procedures used to sag conductors
- demonstrate knowledge of conductors and cables and their associated components
- demonstrate knowledge of methods of cable protection and their applications
- demonstrate knowledge of the procedures used to mechanically protect and support cables

Overhead Distribution Systems (Introduction)**OSYS 100**

- demonstrate knowledge of transformer operating principles
- transformer components, their applications and operation
- demonstrate knowledge of the procedures used to install and maintain transformers
- demonstrate knowledge of managing hazardous materials associated with transformers
- demonstrate knowledge of the procedures used to install, connect, inspect, maintain, repair, troubleshoot and test overhead system components and accessories
- demonstrate knowledge of communication lines and their use within a distribution system

- demonstrate knowledge of basic mathematical principles, their use and applications
- demonstrate knowledge of the different units of measure used in industry
- demonstrate knowledge of fundamental electrical principles
- demonstrate knowledge of basic DC series and parallel circuits
- demonstrate knowledge of single-phase circuits, their characteristics and operation
- demonstrate knowledge of electromagnetic induction, its characteristics and applications

Level Two

10 Days

112 hours

Live Line Methods

LLMI 200

- demonstrate knowledge of the principles of live line work
- demonstrate knowledge of the procedures used to perform live line work
- demonstrate knowledge of insulating sticks, their applications, maintenance and use
- demonstrate knowledge of principles of live-line work using cover-up
- demonstrate knowledge of procedures to use cover-up

Overhead Conductors and Cables (Tension Stringing)

OHCC 200

- demonstrate knowledge of the effects of sagging on conductors
- demonstrate knowledge of the procedures used to sag conductors
- demonstrate knowledge of overhead conductors and cables, their characteristics and applications
- demonstrate knowledge of conductor and cable protection methods, procedures and their applications
- demonstrate knowledge of the procedures used to mechanically protect and support cables

Underground Distribution Systems

USYS 200

- demonstrate knowledge of underground systems, their characteristics and applications
- demonstrate knowledge of underground and underwater system construction principles
- demonstrate knowledge of the procedures used to install, splice and terminate underground and underwater conductors and cables
- demonstrate knowledge of the procedures used to install, connect, inspect maintain, troubleshoot, repair and test underground and underwater system components and accessories

Street Lighting Systems

STRT 200

- demonstrate knowledge of street lighting systems, their characteristics and applications
- demonstrate knowledge of the procedures used to install, connect, troubleshoot, inspect, maintain, repair and test street lighting systems
- demonstrate knowledge of the procedures used to store and dispose of ballasts, capacitors and lamps
- procedures used to troubleshoot, inspect, maintain, repair and test street lighting systems, their components and accessories
- procedures used to store and dispose of ballasts, capacitors and lamps

Single-Phase Transformers and Switches

TRNS 200

- demonstrate knowledge of transformer operating principles
- demonstrate knowledge of transformer components, their applications and operation
- demonstrate knowledge of the procedures used to install and maintain transformers
- demonstrate knowledge of managing hazardous materials associated with transformers

Protection Equipment

PROC 200

- demonstrate knowledge of fuses, their characteristics and applications
- demonstrate knowledge of operating principles of fuses

- demonstrate knowledge of procedures used to install fuses
- demonstrate knowledge of lightning arrestors, their characteristics and applications
- demonstrate knowledge of operating principles of lightning arrestors
- demonstrate knowledge of procedures used to install lightning arrestors

Single Phase Metering

METR 200

- demonstrate knowledge of single-phase metering equipment, their applications and use
- demonstrate knowledge of the procedures used to install single-phase metering equipment

Distribution Systems

OSYS 200

- demonstrate knowledge of primary and secondary distribution lines, their applications and operation
- demonstrate knowledge of primary and secondary distribution line components, their applications and operation
- demonstrate knowledge of the procedures used to install, inspect, maintain, repair, troubleshoot and test distribution lines
- demonstrate knowledge of overhead systems, their characteristics and applications
- demonstrate knowledge of overhead system construction principles
- demonstrate knowledge of the procedures used to install, connect, inspect, maintain, repair, troubleshoot and test overhead system components and accessories
- demonstrate knowledge of underground systems, their characteristics and applications
- demonstrate knowledge of underground system construction principles
- demonstrate knowledge of the procedures used to install, splice and terminate conductors and cables
- demonstrate knowledge of the procedures used to install, connect, inspect maintain, troubleshoot, repair and test underground system components and accessories

Distribution and Transmission Maintenance

MAIN 200

- the procedures used to maintain pole structures for distribution and transmission systems
- tree trimming and felling, its procedure and use
- tools and equipment used tree trimming and felling

Transmission Systems

TSYS 200

- transmission systems, their applications and operation
- transmission system components, their applications and operation
- the procedures used to install, inspect, maintain, repair, troubleshoot and test transmission systems
- procedures used to fish, install, splice, cut, strip and terminate cables
- procedures used in temporary grounding and bonding of underground and underwater transmission systems

- demonstrate knowledge of AC circuits, their characteristics and operation
- demonstrate knowledge of the procedures used to troubleshoot AC circuits
- demonstrate knowledge of the procedures used to analyze and measure AC circuit values
- demonstrate knowledge of series, parallel and combination circuits, their characteristics and operation
- demonstrate knowledge of single-phase 3-wire circuits, their characteristics and operation
- demonstrate knowledge of inductance and capacitance, their characteristics and associated principles
- demonstrate knowledge of how inductance and capacitance are encountered on the job

Level Three

12 Days

112 hours

3-Phase Transformers

TRNS 300

Wye, Delta and Combination Systems

- explain the connections and characteristics of wye, delta and combination connected systems
- draw and label a wye, delta and combination connected line and load using vectors
- calculate line and coil values for current and voltage in wye, delta and combination systems
- calculate the voltage, current or kVA in a balanced three-phase combination circuit
- calculate the three-phase power factor and phase angle in a balanced three-phase combination circuit
- explain service and system voltage configurations and their line/coil values
- describe the guidelines for connecting a closed transformer bank
- select and connect three transformers to provide single-phase and three-phase service voltage
- describe the guidelines for connecting an open transformer bank
- select and connect two transformers to build an open transformer bank
- describe the guidelines for paralleling three-phase banks
- determine both coil and line current and coil and line voltage values
- describe the procedure to determine the load in kVA on an alive substation or three-phase transformer bank
- explain the rated three-phase capacity of a substation or transformer bank
- explain the fuse and riser sizing for a transformer bank

Service Installation

SRVC 300

- explain the five types of service classifications
- explain the regulations of the Electric Service Guide regarding customer interface locations
- determine the appropriate conductor for a service installation
- explain the clearance regulations for services
- explain the procedure to install or change a three-phase service

Instrument Transformers

INST 300

- explain the construction and function of potential and current transformers
- explain the construction and function of single-phase instrument meters
- connect all components in a single-phase instrument connected service
- determine the billing multiplier, consumption and cost for an instrument connected single-phase service

Voltage Control Equipment

VCEM 300

- procedures used to install and operate voltage regulation and control devices
- potential overvoltage situations
- different types of overvoltage protection
- functions and applications of a shield wire
- function of lightning arrestors
- voltage regulation, its application and use
- devices and components used in voltage regulation, their application and use

Underground and Underwater Work

UWRK 300

- demonstrate knowledge of underground and underwater systems, their components, characteristics and applications
- demonstrate knowledge of underground and underwater system construction principles

- demonstrate knowledge of procedures used to install underground and underwater systems, and their components
- demonstrate knowledge of cable protection methods and their applications
- demonstrate knowledge of direct buried underground and underwater cable
- demonstrate knowledge of direct buried underground and underwater systems construction principles
- demonstrate knowledge of procedures used to install direct buried underground and underwater systems, and their components
- demonstrate knowledge of underground and underwater cable terminations
- demonstrate knowledge of procedures used to terminate and test underground and underwater cables
- explain the procedure to fuse and operate a three-phase underground transformer
- the procedure to fuse and operate a three-phase underground transformer
- explain the procedure used to install temporary grounds on single-phase underground apparatus
- explain the procedure used to install temporary grounds on a single- phase underground cable

Load Checks

LOAD 300

- demonstrate knowledge of distribution and transmission systems, their characteristics and applications
- demonstrate knowledge of procedures used to inspect, maintain and operate overhead, underground and underwater distribution and transmission systems
- demonstrate knowledge of pole structures, their characteristics and applications, and maintenance
- demonstrate knowledge of procedures used to inspect and maintain system components

Reclosers, Sectionalizers and Fuses

PROC 300

- demonstrate knowledge of procedures used to install different types of reclosers
- demonstrate knowledge of coordinated system protection
- demonstrate knowledge of operating principles of sectionalizers
- demonstrate knowledge of procedures used to install sectionalizers
- demonstrate knowledge of the operating principles of different types of reclosers, their application and use
- demonstrate knowledge of the function and installation of both fuses and thermal breakers
- demonstrate knowledge of procedures used to install reclosers

Transmission System Troubleshooting

TRBL 300

- demonstrate knowledge of overhead transmission systems, their characteristics and applications
- demonstrate knowledge of procedures to troubleshoot and test overhead transmission systems, and their components and accessories
- demonstrate knowledge of procedures used in temporary grounding and bonding of overhead transmission systems
- demonstrate knowledge of underground and underwater transmission systems, and their characteristics and applications

Conductors and Cables (Distribution Stringing)

OHCC 300

- demonstrate knowledge of procedures used to string distribution lines
- demonstrate knowledge of distribution and transmission lines, their components, applications and operation

- demonstrate knowledge of splices and connections for overhead conductors and cables
- demonstrate knowledge of conductor and cable protection methods for splices and connections

Hotstick work**HWRK 300**

- demonstrate knowledge of principles of live-line work using FRP tools (hot sticks)
- demonstrate knowledge of principles of live-line work using rubber gloves
- demonstrate knowledge of the procedures to identify and maintain FRP tools (hot sticks) and their associated tools
- demonstrate knowledge of the procedures to identify the FRP tools (hot sticks) required to replace system components
- demonstrate knowledge of procedures to use cover-up
- demonstrate knowledge of the procedures used to calculate the weight and dead-end tension of a conductor

Switching Devices**SWTC 300**

- demonstrate knowledge of the function, types and installation of cutouts
- demonstrate knowledge of the procedure used to operate a cutout
- demonstrate knowledge of the function and operation of primary single-phase and three-phase switching devices
- demonstrate knowledge of the function and operation of secondary switching devices

Level Four

10 Days

75 hours

25kV Rubber Glove

RGBL 400

- demonstrate knowledge of the different classes of rubber gloves and how to select them according to voltage
 - demonstrate knowledge of the procedures used to inspect and clean conductor supports and hotsticks
 - demonstrate knowledge of the limits of approach on a 25kV system
 - demonstrate knowledge of safe work procedures with regard to rubber glove use
 - demonstrate knowledge of the conditions required for safe removal of rubber gloves
-

Mentoring

MENT 400

- demonstrate knowledge of strategies for teaching workplace skills
-

Conductors and Cables (Transmission Stringing)

OHCC 400

- demonstrate knowledge of transmission lines, their applications and operation
 - demonstrate knowledge of the procedures used to sag overhead conductors and cables
 - demonstrate knowledge of distribution and transmission lines, their components, applications and operation
-

Capacitors, Regulators and Reactors

CRAR 400

- demonstrate knowledge of capacitors, their characteristics and applications
 - demonstrate knowledge of the procedures used to install, operate, protect, inspect and test capacitors
 - demonstrate knowledge of voltage regulation and control devices, their characteristics and applications
 - demonstrate knowledge of the procedures used to install and operate voltage regulation and control devices
 - demonstrate knowledge of reactors, their characteristics and applications
-

Introduction to Substations

SUBS 400

- demonstrate knowledge of hazards and describe safe work practices pertaining to substations
 - demonstrate knowledge of components and accessories used in substations
 - demonstrate knowledge of primary protective devices used in a substation
 - demonstrate knowledge of substation, switching station and terminal components and describe their operation
 - demonstrate knowledge of different types of substations, switching stations and terminals and describe their characteristics and applications
 - demonstrate knowledge of the procedures used to inspect and maintain substations, and their components and accessories
-

Line Patrol

PRTL 400

- demonstrate knowledge of the tools and equipment pertaining to the maintenance of system components and describe their applications and procedures for use
 - demonstrate knowledge of procedures used to inspect and maintain system components
 - demonstrate knowledge of electrical principles
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- demonstrate knowledge of hazards and describe safe work practices pertaining to maintenance of system components during line patrol
- demonstrate knowledge of terminology and measurements associated with line patrol
- demonstrate knowledge of the procedures used to properly diagnose and remove a fault during line patrol
- demonstrate knowledge of common causes for faults and outages
- demonstrate knowledge of transformers and power transformers, their components, applications and operation
- identify types of system components and describe their characteristics, applications and accessories

Transmission System Repair

TSYS 400

- demonstrate knowledge of procedures used to troubleshoot and test underground and underwater transmission systems, their components and accessories
- demonstrate knowledge of the procedures used to repair and test overhead transmission system components and accessories

Cellular Towers

CELL 400

- demonstrate knowledge of cellular antenna operating principles

System Protection Apparatus

SYSP 400

- demonstrate knowledge of 25kV GOPT switches, their application and use
- demonstrate knowledge of the procedures used to operate a system with reclosers and an interlock
- demonstrate safe work practices pertaining to recloser use
- demonstrate knowledge of the different types of distribution reclosers, their applications and use
- demonstrate knowledge of the various controllers used with distribution reclosers
- demonstrate knowledge of recloser applications in relation to line protection coordination
- demonstrate knowledge of sectionalizer applications in relation to line protection coordination
- demonstrate knowledge of fuse application in relation to line protection coordination

POWERLINE TECHNICIAN

TASK MATRIX CHART

This chart outlines the major work activities, tasks and sub-tasks from the 2018 Powerline Technician Red Seal Occupational Standard. Each sub-task details the corresponding essential skill and level of training where the content is covered. *

* Sub-tasks with numbers in the boxes is where the content will be delivered in training. The Task Matrix Chart will be updated every year until Harmonization implementation is complete. Implementation for harmonization will take place progressively. Level one was implemented in 2020/2021, level two 2021/2021, level three 2022/2023, and level four in 2023/2024.

A – Performs routine occupational skills

26%

A-1 Performs safety-related functions	1.01 Uses personal protective equipment (PPE) and safety equipment 1 (2, 3, 4 in-context)	1.02 Controls powerline hazards 1 (2, 3, 4 in-context)	1.03 Controls environmental hazards 1 (2, 3, 4 in-context)	1.04 Performs lock-out and tag-out procedures 1 (2, 3, 4 in-context)	1.05 Performs temporary grounding and bonding procedures 1 (2, 3, 4 in-context)
A-2 Uses and maintains tools and equipment	2.01 Uses hand, power and powder-actuated tools and equipment 1 (2, 3, 4 in-context)	2.02 Uses electrical measuring and testing equipment 1 (2, 3, 4 in-context)	2.03 Uses rigging, hoisting and lifting equipment 1 (2, 3, 4 in-context)		
A-3 Organizes work	3.01 Interprets plans, drawings and specifications 1 (2, 3, 4 in-context)	3.02 Prepares worksite 1 (2, 3, 4 in-context)	3.03 Plans job tasks and Procedures 1 (2, 3, 4 in-context)		
A-4 Accesses work area	4.01 Climbs poles and steel lattice structures 1	4.02 Uses access equipment 1	4.03 Uses on- and off-road equipment 1		
A-5 Uses live-line methods	5.01 Uses cover-up 1, 2, 3, 4	5.02 Uses rubber gloves 1, 2, 3, 4	5.03 Uses bare-hand methods (Not Common Core) 4	5.04 Uses fibreglass reinforced plastic (FRP) tools (hot sticks) 1, 2, 3, 4	

A-6 Uses communication and mentoring techniques

6.01 Uses communication Techniques

1

6.02 Uses mentoring techniques

4

B – Installs structures

13%

B-7 Installs pole structures

7.01 Frames pole structures

1

7.02 Sets pole structures

1

7.03 Installs pole structure guys and anchors

1

B-8 Installs steel lattice structures

8.01 Assembles steel lattice structures

1

8.02 Erects steel lattice structures

1

8.03 Installs steel lattice structure guy wires and anchors

1

C – Installs conductor systems

15%

C-9 Installs overhead conductors and cables

9.01 Strings overhead conductors and cables

1, 2, 3, 4

9.02 Sags overhead conductors and cables

1, 2, 3, 4

9.03 Ties-in overhead conductors and cables

1, 2, 3, 4

9.04 Installs splices and connections to overhead conductors and cables

1, 2, 3, 4

C-10 Installs underground and underwater cable

10.01 Installs conduit and cable

2, 3

10.02 Places direct buried cable

2, 3

10.03 Splices underground and underwater cable

2, 3

10.04 Terminates underground and underwater cable

2, 3

D – Installs auxiliary equipment

21%

D-11 Installs lighting systems

11.01 Installs street lights

2

11.02 Maintains street lights

2

D-12 Installs voltage control equipment	12.01 Installs transformers 1, 2, 3	12.02 Installs capacitors 4	12.03 Installs voltage regulators 3, 4	12.04 Installs switches 1, 2, 3	12.05 Installs reactors (Not Common Core) 4
D-13 Installs protection equipment	13.01 Installs reclosers 3, 4	13.02 Installs sectionalizers 3, 4	13.03 Installs fuses 2, 3, 4	13.04 Installs lightning arrestors 2	
D-14 Installs metering equipment	14.01 Installs primary metering equipment 3	14.02 Installs secondary metering equipment 2			
D-15 Installs communication devices	15.01 Installs cellular antennas 4	15.02 Transfers communication lines 1			

E – Performs operation, maintenance and repair

25%

E-16 Operates distribution and transmission systems	16.01 Operates transmission systems 3, 4	16.02 Operates distribution systems 2, 4	16.03 Performs station switching 4		
E-17 Maintains distribution and transmission systems	17.01 Inspects distribution and transmission systems 3, 4	17.02 Maintains pole structures 2, 3, 4	17.03 Maintains steel lattice structures 4	17.04 Maintains system components 2, 3, 4	17.05 Trims trees 2
E-18 Repairs distribution systems	18.01 Troubleshoots overhead distribution systems 3, 4	18.02 Troubleshoots underground and underwater distribution systems 3, 4	18.03 Repairs overhead distribution systems 2, 3, 4	18.04 Repairs underground and underwater distribution systems 2, 3, 4	
E-19 Repairs transmission systems	19.01 Troubleshoots overhead transmission systems 3, 4	19.02 Troubleshoots underground and underwater transmission systems 3, 4	19.03 Repairs overhead transmission systems 2, 3, 4	19.04 Repairs underground and underwater transmission systems 2, 3, 4	

****The Powerline Technician Red Seal Occupational Standard (RSOS), describing the “full scope” of the trade, can be found at www.red-seal.ca***

For more detailed information on course content, please refer to the Powerline Technician Guide to Course Content at www.saskapprenticeship.ca