



Water Security Agency Water and Wastewater Operator Certification Program

Continuing Education Unit Evaluation and Credit

Saskatchewan Water Security Agency Water and Wastewater Operator Certification Program

Guidelines for Continuing Education Unit and Course Evaluation

Background

Certification is based on *The Environmental Management and Protection Act, 2010* (EMPA) that was enacted on June 1, 2015. Section 98(1) Items (u) to (y) of this Act provides, in part, that the Lieutenant Governor in Council may make regulations respecting training and qualification of operators of the waterworks and sewage works. The Waterworks and Sewage Works Regulations, states in Section 62 that all owners of a municipal waterworks or wastewater works **are required** to ensure the responsibility for the overall day-to-day operation of the works be placed with an operator(s) holding the appropriate certificate(s).

The Environmental and Municipal Management Division of the Water Security Agency (WSA) administers the Water and Wastewater Operators Certification Program for the province. The WSA is a member of the Association of Boards of Certification (ABC), and follow their model for certifying Water and Wastewater Operators.

One of the requirements for higher levels of certification is formal post-secondary education. A need for a Continuing Education Unit (CEU) to enable operators, without post-secondary education, to achieve an equivalent education level was needed. The CEU system in use by the WSA is recognized and adopted from the ABC model and the International Association for Continuing Education and Training (IACET).

The Continuing Education Unit (CEU)

By definition, one Continuing Education Unit equals ten contact hours of participation in organized continuing education/training experience under responsible, qualified direction and instruction as approved by the certification authority.

Forty-five (45) CEU is equivalent to 1 grade of high school level achievement or 1 year of post-secondary education.

Course relevance is determined on a case-by case- basis by the WSA Operator Certification Program. Some exceptions are given to courses reviewed by other certification authorities such as AWWA, ABC, Manitoba Water and Wastewater Facility Operators Certification Program, Alberta Environment Water and Wastewater Operator Certification Advisory Committee, etc.

Post-Secondary Education

The Saskatchewan Water and Wastewater Works operator Certification Standards, 2012, require either 2 years of post-secondary education for Level III certification or 4 years of post-secondary education for Level IV certification. Substitutions of applicable approved experience or CEU are permitted.

Post-secondary education is defined as a one, two, three or four year program at a recognized institution that results in a diploma, certificate or degree. The program must be shown to be relevant to the water and wastewater operations industry. This means that it must be science/math based rather than arts/humanities based.

Course relevance and partial degrees, diplomas or certificates is determined on a case-by case- basis by the WSA Operator Certification Program. The maximum post-secondary education credit that can be applied to the certification program is four years.

Educational Course Assessment for the Operator Certification Program

Equivalent Time Calculation

For the purpose of calculating time allocation, one year of post high school is equal to 30 credit hours of university courses based on five classes each of three credit hours per semester over two semesters; 1,200 hours of course content from a technical school; 45 CEU's of training in an appropriate field; or completion of a full year of course content in an appropriate field of study as defined below.

Appropriate Field of Studies - Completed Degrees and Diplomas

For the purpose of completed degrees and diplomas a DACUM will be used to assess the acceptability of the program. The DACUM establishes the minimum course content requirements to meet the training needs of an operator. The DACUM for water and wastewater operators requires that any degree or diploma include the minimum of:

- courses in mathematics or physics;
- courses in environmental studies, water/wastewater or related fields; courses in a natural science (Biology, Chemistry); and
- courses in administration or management.

In general, the following areas of study are appropriate as post-secondary educational fields:

- a Bachelor Degree in Science, Medicine or Engineering resulting in a B.Sc, B.A.Sc or B. Eng. This includes Agriculture, Biology, Laboratory Studies and Chemistry degrees; and
- a diploma in the field of Applied Science and Technology, Laboratory Studies, Medical Studies or Engineering Technology.

If a degree or diploma does not meet the minimum DACUM requirements, the applicant will be advised of the missing component(s) and be required to supplement their education by attending CEU accredited courses or by other educational means. The Certification Board will review and assess non-traditional educational programs not addressed by this policy as required. The assessment will be based on a common understanding of educational requirements needed for an operator to perform their duties.

Education and Training

Education and training can be broken into several separate categories:

1. High school diploma, high school equivalency diploma or GED, as well as "Adult Upgrading" are NOT eligible for CEU assignment.
2. Formal post-secondary programs (certificate, diploma, degree)
3. Formal related water and wastewater training on specific topics or for preparation for certification exams – eligible for CEU assignment.
4. On-the-job training is NOT eligible for CEU assignment.
5. In-house training MAY be approved for CEU
6. Continuing education courses or events that do qualify for CEU.

Courses Considered for CEU

Any course that meets the definition of CEU, and that can be referenced to a recognized need-to-know, will be assigned CEU. This includes classroom courses, seminars, conferences or workshops. It also includes courses that are offered by correspondence or on-line. CEU for correspondence or on-line courses will be determined by assessing the amount of time it would take to deliver the material if it were to be delivered in a classroom setting, not the amount of time it actually takes to complete.

The following is a partial list of trainings/courses that are recognized by the Certification Program. If you have taken training that is not listed here and you think that it is relevant, you may submit a course outline/description to the Certification Coordinator for review. The list will be updated regularly as new courses are submitted for assessment.

CEU Listing

The Water Security Agency will be maintaining a list of courses that have been assigned CEU's. The list will be divided into two parts, the first will list those courses that are continuously available or are available on a regular basis and the second will be those courses that were on-time offerings and are no longer available.

CEU's will not be given for duplicate training. (i.e. an operator will not receive CEU credit for repeating the same course).

If you have taken training and it is not listed on the approved list, and you think it is relevant, you may submit a "Request for Course Evaluation" to the Operator Certification Board. The Request for Course Evaluation form can be found on the SaskOCB.ca website:

<http://www.saskocb.ca/index.php?page=ceu-evaluations>

The available training listed may or may not be current. Please contact the training provider directly for more information on specific courses.

ABCGA

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|---|--|-----|
| • Astec Safety – Supervising Ground Disturbance - ABCGA 201 | | 0.5 |
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Academy of Learning

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| • CompTIA A+ Certification Essentials (Academy of Learning) | | 10.0 |
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Agriculture & Agri-Food Canada through the Federal Interdepartmental Training Board

http://www.waterqualitytraining.ca/waterQuality101_e.php

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| • Water Quality 101: Potable Water Micro-System Fundamentals | Online | 0.5 |
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Alberta ESRD

<http://esrd.alberta.ca/water/programs-and-services/drinking-water/protection/water-and-wastewater-operator-certification.aspx>

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|---|--|-----|
| • I-100 Introduction to Incident Command System | | 0.3 |
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Alberta Water & Wastewater Operators Association (AWWOA)

<http://www.awwoa.ab.ca/>

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|---|-----------------|------|
| • Pumps: Theory, Operation and Maintenance (home study) | | 3.0 |
| • Small Wastewater System Operations (home study) | | 0.6 |
| • Process Control Instrumentation Basics | Dec 10-11, 2013 | 1.2 |
| • Water Treatment Plant Operations (correspondence) | | 15.0 |
| • Mathematics | | 9.0 |

American Public Works Association (APWA)

<http://www.apwa.net/>

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| • APWA Conference 2011 – Denver Colorado | Sep 18-21, 2011 | 0.8 |
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American Water Works Association (AWWA)

<http://www.awwa.org/>

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|---|-------------|-----|
| • AWWA Webcasts (any) | Contact MOE | ? ? |
| • AWWA Seminar on Demand | | ?.? |
| • Water Treatment Operator Level 1 | variable | 6.0 |
| • Water Treatment Operator Level 2 | variable | 6.0 |
| • Water Treatment Operator Level 3 | variable | 6.0 |
| • Advanced Disinfection of Pipelines and Storage Facilities | | 0.2 |
| • Applied Mathematics | | 0.3 |
| • Asbestos (General Industry) | | 0.1 |
| • Backflow Prevention & Cross Connection Control | | 0.2 |
| • Basic Mathematics | | 0.7 |

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| • Coagulation, Flocculation and Sedimentation Basics | | 0.3 |
| • Cross Connection Control Specialist Course | | 3.0 |
| • Disinfection Basics | | 0.3 |
| • Disinfection of Pipelines and Storage Facilities | | 0.2 |
| • Distribution Service to Customers | | 0.3 |
| • Distribution System Materials and Equipment | | 0.3 |
| • Electrical Safety (Construction) | | 0.1 |
| • Emergency Response Planning | | 0.2 |
| • Excavations (Construction) | | 0.1 |
| • Filtration Basics | | 0.3 |
| • Financial Management Cost of Service Rate Making | | 0.5 |
| • Fire Hydrant Operations & Maintenance | | 0.3 |
| • Flushing and Bacteriological Sampling | | 0.2 |
| • Fundamentals of Chemistry for Water Professionals | | 0.8 |
| • GeoScience in Water Aquifers | | 0.2 |
| • Hearing Conservation | | 0.1 |
| • Hydraulics | | 0.8 |
| • Introduction to OSHA | | 0.1 |
| • Lockout / Tagout | | 0.1 |
| • Materials Handling (Construction) | | 0.1 |
| • Optimizing Performance Using Turbidity Data | | 0.3 |
| • Permit-Required Confined Spaces | | 0.1 |
| • Personal Protective Equipment (Construction) | | 0.1 |
| • Pipeline Repair | | 0.3 |
| • Pollution Prevention | | 0.1 |
| • Pump Maintenance | | 0.2 |
| • PVC Pipe in the Field | | 0.2 |
| • Respiratory Protection | | 0.1 |
| • Scaffolds (Construction) | | 0.1 |
| • Security Planning for Drinking Water Systems: An Operational Approach | | 0.2 |
| • Spill Prevention Control and Countermeasure (SPCC) | | 0.3 |
| • Storm Water Pollution Prevention | | 0.1 |
| • Water 101 | | 0.5 |
| • Watermain Installation | | 0.3 |
| • Water System Mechanical Equipment | | 0.2 |
| • EL155 Water Supply and Demand Management | online | 0.5 |
| • EL211 Flushing and Bacteriological Testing | online | 0.2 |
| • EL227 Backflow I (Prevention and Cross-Connection Control) | online | 0.2 |
| • EL228 Basic Math I and Chemistry I | online | 0.2 |
| • EL261 Security Practices for Operations and Management | online | 0.1 |
| • EL263 Emergency Planning | online | 0.2 |
| • Coagulation & Oxidation Innovations: Using Machine Learning & Online Technology to Improve Your Process | | 0.2 |

Anderson Pump House

<http://www.andersonpumphouse.com/>

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| • Metering Pumps | | 0.3 |
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Anthratech Western Inc. (AWI)

www.awifilter.com

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| • Filter Surveillance | | 0.65 |
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Areva Resources Canada Inc.

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| • Lockout/Tagout | | 0.4 |
| • Confined Space Entry | | 0.4 |
| • Personal Fall Protection | | 0.4 |

Armour Safety Inc.

<http://armoursafety.com/>

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|---|-----------|-----|
| • Fall Protection | | 0.6 |
| • Confined Space Rescue w Safety, Spark Watch & SCBA, Level 3 | | 0.8 |
| • Standard First Aid / CPR | Red Cross | 1.6 |
| • Standard First Aid / CPR Recertification | Red Cross | 0.8 |
| • Transportation of Dangerous Goods | | 0.4 |
| • WHMIS – Workplace Hazardous Materials Information System | | 0.3 |
| • Powered Mobile/Heavy Equipment Safety Training (OH&S) | | 0.7 |
| • H2S Awareness | | 0.4 |
| • Ground Disturbance Level 2 – For Supervisors | | 0.5 |
| • H2S Alive ENFORM | | 0.7 |
| • Rigging and Hoisting | | 0.7 |
| • Global Ground Disturbance 2 | various | 0.7 |
| • Confined Space Entry (only) | various | 0.6 |
| • Confined Space Entry & Rescue | various | 0.8 |
| • Asbestos Awareness | various | 0.3 |

Assembly of First Nations (AFN)

<http://www.afn.ca/>

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|--|--|-----|
| • Water and Wastewater Infrastructure in First Nations Communities: Past, Present and Future | | 0.1 |
| • 1a – Capacity and Training: CRTF | | 0.1 |
| • 1b – Contaminants in Water | | |
| • 1c – Innovative Technologies and Approaches: Case Studies | | |
| • 2a – Atlantic Perspective – Presentation on the importance of information collection: | | 0.1 |
| • 2b – Procedure for Addressing Drinking Water Advisories in First Nation Communities South of 60° | | |
| • 3a – Community Based Water Monitors | | 0.1 |
| • 3b – First Nation – Municipal Community Infrastructure Partnership Program (CIPP) | | |
| • 4a – Environment Canada - Wastewater Systems Effluent Regs | | 0.1 |
| • 4b – Innovative Technologies and Approaches: Case Studies | | |

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| <ul style="list-style-type: none"> 4c – Guidelines for the review of Water and Wastewater Project Proposals in First Nation Communities South of 60° | | |
| <ul style="list-style-type: none"> 5a – Fraser River Basin Council 5b – Capacity and Training: CRTP 5c – Innovative and Small systems Water Technology research - Interactive session | | 0.1 |
| <ul style="list-style-type: none"> 6a – National Science Foundation (NSF 60/61) Standards 6b – How to manage risk – Operating within Protocols | | 0.1 |
| <ul style="list-style-type: none"> 7a – Integrated Water Safety Risk Assessments and Asset Management Solutions in First Nation Communities 7b – Source Water Protection Planning 7c – Collaboration with the Walkerton Clean Water Centre | | 0.1 |
| <ul style="list-style-type: none"> 8a – Introduction to cyanobacteria, their toxins, challenges in water treatment and management options. 8b – The long term benefits of regular sampling and monitoring | | 0.1 |
| <ul style="list-style-type: none"> Managing Drinking Water systems for FN Communities | | 0.7 |
| <ul style="list-style-type: none"> 5752 Fundamentals of Maintenance Management Systems | | 1.4 |
| <ul style="list-style-type: none"> 14338 Operate & Maintain Disinfection Systems | | 0.4 |
| <ul style="list-style-type: none"> 5753 Operation & Maintenance of Fire Hydrants | | 0.7 |
| <ul style="list-style-type: none"> 14337 Watershed Monitoring & Source Water Protection | | 0.4 |
| <ul style="list-style-type: none"> 8493 Emergency Response for FN Operators | | 0.7 |
| <ul style="list-style-type: none"> 3230 Record Keeping | | 0.6 |

Associated Engineering

<http://www.ae.ca/>

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| <ul style="list-style-type: none"> Water & Wastewater Capacity Building Seminar – Toronto | Nov 1-3, 2012 | 1.0 |
| <ul style="list-style-type: none"> Northern Communities Water Treatment Seminar | Sept 2, 2015 | 0.3 |

Astec Safety Inc.

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| <ul style="list-style-type: none"> Confined Space Entry 1 | | 0.7 |
| <ul style="list-style-type: none"> Confined Space Rescue Level 2 | | 0.7 |
| <ul style="list-style-type: none"> Ground Disturbance 201 ABCGA Endorsed | | 0.8 |

ATAP Infrastructure Management Ltd.

<http://www.atap/courses.html>

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| <ul style="list-style-type: none"> Class 1 Water Treatment/Distribution | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 1 Wastewater Treatment/Collection | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 2 Water Treatment/Distribution | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 2 Wastewater Treatment/Collection | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 3 / 4 Water Treatment | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 3 / 4 Wastewater Treatment | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 3 / 4 Water Distribution/Wastewater Collection | 5 days | 3.0 |
| <ul style="list-style-type: none"> Class 1 Water Treatment / Distribution and Class 1 Wastewater Treatment / Collection | 5 weeks | 6.0 |
| <ul style="list-style-type: none"> Confined Space Entry | | 0.6 |
| <ul style="list-style-type: none"> Control Systems Troubleshooting Basics | | 0.6 |

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| • Filter Surveillance & Optimization (formerly Filter Maintenance & Surveillance) | | 0.6 |
| • Gas Chlorination (must attend both days) | | 1.2 |
| • Hypo-Chlorination & Feeder Maintenance | | 0.6 |
| • Impact of Regulatory Changes for Operators | | 0.6 |
| • Iron & Manganese Removal | | 0.6 |
| • Jar Testing | | 0.6 |
| • Lagoon Operation and Maintenance | | 0.6 |
| • Membrane Filtration (class & practical) | 2 days | 1.2 |
| • Membrane Filtration | 1 day | 0.6 |
| • Water and Wastewater Foundations Course (previously titled; Operator Math & Science Preparatory Course, date changed November 6, 2014) | 3 days | 1.8 |
| • Water Distribution System Maintenance | | 0.3 |
| • Watermain Swabbing | | 0.6 |
| Extended version with half day hands on | | 1.0 |
| • Water & Wastewater Workers Safety | | 0.6 |
| • Wastewater Collection Maintenance (formerly Fall Maintenance – Collection Systems) | | 0.6 |
| • WHMIS | | 0.3 |
| • Prince Albert Training Session | various | 1.5 |
| • Standard Operating Procedures, Contingency Plans & Emergency Planning | various | 0.6 |
| • Chloramination 101 | | 0.3 |
| • Sampling Techniques and Analysis for Water and Wastewater | | 0.3 |
| • Hydrant Operation | | 0.3 |
| • Hydrant Operation and Maintenance | | 0.6 |
| • Hydrant Flow Testing | various | 0.6 |
| • Water Disinfection Techniques | various | 0.6 |
| • Water Distribution Level 1 and 2 | | 4.2 |
| • Wastewater Collection Level 1 and 2 | | 4.2 |
| • Math and Science Fundamentals (2 day) | | 1.4 |
| • Biofiltration: Operation and Maintenance | | 0.7 |
| • Math and Science Fundamentals | | 1.4 |
| • Water Distribution Level 3 and 4 | | 4.0 |
| • Wastewater Collection Level 3 and 4 | | 4.0 |
| • Sampling Techniques & Analysis | | 0.6 |
| • SARWP Half-Day Swabbing | | 0.3 |
| • Gas Chlorination (One-Day) On-line or Classroom | | 0.6 |
| • Job Hazard Analysis Workshop | | 0.3 |
| • Pump & Valve Operation & Maintenance (SARWP) | | 0.7 |
| • Pump & Valve Operation & Maintenance | | 0.3 |
| • Potable Water Reservoir Design, Operation & Maintenance | | 0.6 |

A2Z Safety & Training

<http://www.a2zsafetyandtraining.ca/a2z-course-listings/>

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| • Confined Space Entry, Rescue and Monitor | | 0.7 |
| • Fall Protection Certification | | 0.7 |

Blackjack Holdings

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| • Ground Disturbance Level II | | 0.4 |
| • Transportation of Dangerous Goods | | 0.4 |
| • Fall Protection | | 0.4 |
| • Basic Fire (Fire Awareness) | | 0.4 |

Boots on the Ground Coaching

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| • Tools for High Performing Leaders | | 2.1 |
| • 4 Tools for High Performing Leaders | | 1.2 |
| • Leading A High Performing Team | | 1.2 |
| • Affirmation and Correction: 2 sides of the same coin | | 0.3 |
| • Engaging Employees: Hearing their input and how to implement it in your workplace | | 0.3 |
| • Effective Communication | | 0.3 |
| • Controlling Your Time, Your Schedule and Your Priorities | | 0.3 |
| • Execution: Making sure the important things get done every time | | 0.3 |
| • Leading Productive Conflict | | 0.3 |
| • How to Set and Measure Clear Expectations.03 | | 0.3 |
| • True Accountability Changes Results | | 0.3 |
| • Leading Productive Change | | 0.3 |

Brenntag Canada Inc.

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| • Chlorine Safety Awareness Seminar, Buffalo Pound WTP | Aug 22, 2012 | 0.3 |
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California State University – Sacramento (CalState)

<http://www.owp.csus.edu/>

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| Drinking Water Courses | | |
| • Water Treatment Plant Operation | Volume 1 | 9.0 |
| • Water Treatment Plant Operation | Volume 2 | 9.0 |
| • Water Distribution System Operation and Maintenance | | 9.0 |
| • Small Water System Operation & Maintenance | | 9.0 |
| Online Wastewater Courses | | |
| • Wastewater Treatment: Facilities and Pre-treatment | WAT 601A | 1.8 |
| Other | | |
| • Pre-Treatment Facility Inspection | | 9.0 |
| • Small Water Systems – Wells | | 1.5 |
| • Math Applications in Water Treatment | | 2.1 |
| Management Courses | | |
| • Utility Management | Pre 2003 | 4.5 |
| • Utility Management | Post 2003 | 2.0 |
| • Managing for Success: Effective Utility Leadership | | 4.5 |
| Wastewater Courses | | |
| • Operation of Wastewater Treatment Plants | Volume 1 | 9.0 |
| • Operation of Wastewater Treatment Plants | Volume 2 | 9.0 |
| • Advanced Waste Treatment | Volume 1 | 9.0 |
| • Operation & Maintenance of Wastewater Collection Systems | Volume 1 | 9.0 |
| • Operation & Maintenance of Wastewater Collection Systems | Volume 2 | 9.0 |

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| • Small Wastewater System Operation & Maintenance | Volume 1 | 9.0 |
| • Small Wastewater System Operation & Maintenance | Volume 2 | 9.0 |
| • Industrial Wastewater Treatment | Volume 1 | 9.0 |
| • Industrial Wastewater Treatment | Volume 2 | 9.0 |
| • Math Applications in Water Treatment 1 st Edition (102C) | | |

Cameco

<http://www.cameco.com/>

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| • Confined Space Awareness | | 0.4 |
| • Lockout / Tagout | | 0.3 |
| • Respirator Fit Testing | | 0.2 |
| • St. John Ambulance Emergency Course | | 0.8 |
| • St. John Ambulance Standard Course | | 1.6 |
| • St. John Ambulance Intermediate Course | | 2.0 |
| • Fall Protection | | 0.4 |
| • WHMIS – (Workplace Hazardous Materials Information System) | | 0.4 |
| • Basic Rigging | | 1.0 |
| • Respirator Fit Test | | 0.3 |
| • Hazard Awareness NFPA 472 – McArthur River (Wilbur Hueger) | | 1.6 |
| • Wastewater Collection & Treatment – McArthur River | | 0.5 |
| • Potable Water Operation – Rabbit Lake | | 1.6 |
| • Control of Hazardous Energy – McArthur River | | 0.3 |
| • Job Hazard Analysis (JHA) | | 0.3 |
| • MD Hearing Conservation | | 0.3 |
| • CAM Electrical Safety – Nonelectrical Worker | | 0.1 |
| • MD AWP (Aerial Work Platform) | | 0.8 |
| • MD Overhead Crane, Hoisting & Rigging | | 0.8 |
| • Level 1 Occupational Health Committee (OHC) | | 1.2 |
| • TDG | | 0.3 |
| • CAM Fire Extinguishers Portable | | 0.2 |
| • MD Forklift | | 0.8 |

CAN Safety Training & Consulting

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| • Aerial Lift Training | | 1.4 |
| • Cargo Securement | | 0.4 |
| • Confined Space Training Entry & Rescue | | 0.7 |
| • Fall Protection | | 0.7 |
| • Forklift Training | | 1.4 |
| • Ground Disturbance | | 0.4 |
| • Overhead Crane | | 0.7 |
| • Payloader Training | | 1.3 |
| • Rigging Training | | 0.7 |
| • Skid Steer Training | | 1.3 |
| • Truck Mounted Crane | | 0.7 |
| • Trailer Towing & Cargo Securement | | 0.7 |

Canada Safety Council (CSC)

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|---|--------------|-----|
| • ATV Training Course – Moose Mountain Provincial Park | Oct 7, 2013 | 0.5 |
| • Utility Vehicle Training Course –Moose Mountain Provincial Park | Oct 8, 2013 | 0.5 |
| • Defensive Driving Course | May 22, 2015 | 0.3 |
| • Utility Vehicle Training | | 0.5 |
| • Snowmobile Operators Course | | 0.8 |

Canadian Association for Laboratory Accreditation Inc. (CALA)

<http://www.cala.ca/>

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|---|---------|-----|
| • 1000: Understanding ISO/IEC 17025 | various | 1.3 |
| • 2000: Internal Auditor for ISO/IEC 17025 | various | 1.1 |
| • 4300: Control Charting for Laboratories | various | 0.6 |
| • 4200: Internal Calibration for Laboratories | various | 0.6 |

Canadian Center for Occupational Health & Safety

| Course Name | | CEU |
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| • WHMIS 2015 | | 0.4 |

Canadian Safety Training

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| • Chlorine Safety | | 0.3 |
| • Confined Space – Awareness Training | | 0.4 |
| • WHMIS 2015 | | 0.3 |

Canadian Water and Wastewater Association (CWWA) – NWWC

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| • CWWA – NWWC | Oct 25-28, 2015 | 1.5 |
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Canwit Consulting Corp.

<http://www.canwit.com/index.htm>

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| • WHMIS – Self Study Course | various | 0.2 |
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Capital Safety

<http://www.capitalsafetytraining.com/>

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| • DBI/SALA Fall Protection General Awareness, BPWTP | | 0.4 |
| • DBI/SALA Fall Protection equipment Inspection Training, BPWTP | | 0.4 |

Cervus Equipment

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| • Skid Steer Safety Training | | 0.4 |
| • Ff Work Platform Operator Safety Training | | 0.4 |
| • Forklift Operator Safety Training | | 0.4 |

Chase Operator Training Ltd

<http://www.chaseot.com/>

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| • Skid Steer Operator Training | | 0.5 |
| • Wheel Loader Operator Training | | 0.5 |
| • Picker Truck Operator Training | | 0.5 |
| • Backhoe Operator Training | | 0.5 |
| • Excavator Operator Training | | 0.5 |

Circuit Rider Trainers Professional Association

<http://www.crtpa.com/>

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| • Disinfection Alternatives, Montreal | Sept 1, 2011 | 0.7 |
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City of Estevan

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| • Service Line Applications & Tapping Seminar (Don Webb) | Apr 25, 2013 | 0.7 |
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City of Lloydminster

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| • Crane Operations & Safety Training | March 2013 | 0.6 |
| • Confined Space Pre-Entry, Entry and Basic Rescue | February 2014 | 0.6 |

City of Moose Jaw

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| • City of Moose Jaw Safe Trenching and Excavating | May 2017 | 0.4 |
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City of North Battleford

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| • Management and Supervision (AWWOA) | Nov 17-19, 2014 | 2.0 |
| • Water Quality Sampler Orientation (AWWOA) | Nov 17-18, 2014 | 1.0 |
| • Process Control Instrumentation – Intermediate (AWWOA) | Feb 18-19, 2015 | 1.2 |
| • Chlorination Workshop (AWWOA) | Apr 27-29, 2015 | 2.0 |
| • OSSA Fall Protection | Mar 5, 2016 | 0.6 |

City of Prince Albert

<http://www.citypa.ca/>

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|---|---------------------------|-----|
| • Water Distribution Class 1 – Optimize Consulting | | 1.1 |
| • Wastewater Collection Class 1 – Optimize Consulting | Jun 21-24, 2010 | 1.1 |
| • Water Distribution Class 2 – Optimize Consulting | | 1.1 |
| • Water Treatment Class 4 – Optimize Consulting | Jan 27-28, 2011 | 1.6 |
| • Wastewater Treatment Class 4 – Optimize Consulting | Dec 6-9, 2010 | 3.2 |
| • Wastewater Treatment Class 3 – Optimize Consulting | | 3.2 |
| • Wastewater Collection Class 1-3 Optimize Consulting | Dec 14-15, 2011 | 1.2 |
| • Supervision for Safety | Feb 25 Mar 4, 18, 2014 | 0.7 |
| • AWI Filter Surveillance Workshop | Feb 27, 2014 | 0.6 |
| • Powered Mobile Equipment | May 6-7, 2014 | 1.4 |
| • Fireman Certificate Course & Provincial Exam, | | 1.4 |

| | | |
|---|---------------|-----|
| • Standard First Aid, CPR C, AED (Lifesaving Society) | Nov 4-5, 2014 | 1.6 |
| • Actiflo Clarification Operation, Maintenance & Optimization Workshop (Veolia Water Solutions & Technologies Canada) | March 2015 | 0.6 |
| • WHMIS 2015 | various | 0.4 |
| • Fall Protection | various | 0.5 |
| • Flag Person | various | 0.3 |
| • Fit for Duty Manager Training | | 0.3 |

City of Regina

www.regina.ca

| | | |
|--|-----------------|-----|
| • Biological Nutrient Removal for Operators | Apr 26-27, 2012 | 1.2 |
| • Fleet Training & Safety–Confined Space Training Entry & Rescue | 2016 | 0.7 |
| • Fleet Training & Safety – Overhead Crane | 2016 | 0.7 |
| • Fleet Training & Safety – Truck Mounted Crane | 2016 | 0.6 |
| • Fleet Training & Safety – Traffic Accommodation/Traffic Flagging | 2016 | 0.4 |
| • Fleet Training & Safety – Trailer Towing & Cargo Securement | 2016 | 0.6 |
| • Fleet Training & Safety – Fall Protection | 2016 | 0.7 |
| • Fleet Training & Safety – Ground Disturbance | | 0.4 |
| • Fleet Training & Safety – Payloader Training | | 1.6 |
| • Fleet Training & Safety – Rigging Training | | 0.8 |
| • Fleet Training & Safety – Skid Steer Training | | 1.6 |
| • Fleet Training & Safety – Aerial Lift Training | | 1.5 |
| • Fleet Training & Safety – Asbestos Pipe Removal | | 0.4 |
| • Fleet Training & Safety – Forklift Training | | 1.6 |

City of Saskatoon

www.saskatoon.ca/

| | | |
|--|------------------|-----|
| • UV Disinfection Training Workshop, Ozonia | November 2009 | 0.4 |
| • Traveling Water Screen Training Workshop, Siemens | June 16, 2010 | 0.3 |
| • Troubleshooting of Centrifugal Pumps, Vaughan Company Inc. | June 9, 2010 | 0.4 |
| • Arc Flash & Low Voltage Training | Sept 15-17, 2009 | 0.8 |
| • Chlorine Gas Feed Equipment – Siemens Water Technologies | Nov 2-3, 2011 | 1.1 |
| • Operator HMI Training – Hinz | July 16, 2012 | 0.3 |
| • EIM Tec2000, Spartan Controls | Dec 12, 2012 | 0.7 |
| • Asbestos Awareness (AC Pipe SOP), C. Davidson | various | 0.2 |
| • WHMIS 2015 (online) Danatec | | 0.3 |
| • Incident Management System | | 0.2 |
| • Municipal Project Management | | 3.2 |
| • ISC 200 Basic Incident Command System | | 1.2 |
| • ISC 300 Intermediate Command System | | 2.0 |
| • Own Your Zone | | 0.4 |
| • Equipment Training – Ditch Witch Trencher | | 1.5 |
| • Equipment Training – Excavator | | 1.5 |
| • Equipment Training – Forklift | | 1.5 |
| • Equipment Training – Backhoe | | 1.5 |
| • Equipment Training – Wheel Loader | | 1.5 |
| • Equipment Training – Skid Steer | | 1.5 |
| • Equipment Training – Sewer Flusher | | 1.5 |

City of Swift Current

| | | |
|----------------------------------|-----------------|-----|
| • Actiflo Training, John Meunier | Oct 25-26, 2011 | 1.0 |
|----------------------------------|-----------------|-----|

ClearTech Industries Inc.

<http://www.cleartech.ca/index.php>

| | | |
|--|--------------|-----|
| • Safe Handling of Chlorine Gas, Maple Creek | July 6, 2011 | 0.6 |
|--|--------------|-----|

CLOW Canada

www.clowcanada.com

| | | |
|---|--|-----|
| • The Benefits of Implementing a Fire Hydrant and Valve Maintenance Program | | 0.6 |
|---|--|-----|

Contech Safety and Training Ltd

<http://www.contechsafety.ca>

| | | |
|--|--|-----|
| • Electrical Safety for Electrical/Non Electrical Workers within Water/Wastewater Facilities | | 1.1 |
|--|--|-----|

Corix Water Products

| | | |
|--|---------|-----|
| • AWWA C504 Butterfly Valves and Actuators | various | 0.6 |
|--|---------|-----|

Credenda Virtual High School & College (Water Tech Course)

| | | |
|---|--|-----|
| • WWW101 Water Distribution 1 | | 6.0 |
| • WWW102 Water Treatment 1 | | 8.0 |
| • WWW103 Wastewater Collection Systems | | 6.0 |
| • WWW104 Wastewater Treatment 1 | | 9.0 |
| • WWW110 Science and Electricity | | 4.0 |
| • WWW112 Hydraulics and Blueprint Reading | | 5.0 |
| • WWW115 Water Treatment Laboratory Analysis 1 | | 1.6 |
| • WWW140 Computer Software Applications | | 3.0 |
| • WWW201 Water Distribution 2 | | 6.0 |
| • WWW202 Water Treatment 2 | | 9.0 |
| • WWW203 Support Systems | | 9.0 |
| • WWW204 Wastewater Treatment 2 | | 9.0 |
| • WWW210 Introduction to Process Control | | TBD |
| • WWW213 Wastewater Collection Systems | | 5.0 |
| • WWW215 Water Treatment Laboratory Analysis 2 | | 1.2 |
| • WWW220 Wastewater Treatment Laboratory Analysis 2 | | 1.2 |

CSA / NASSCO (Garret Harvey)

| | | |
|--|------------|-----|
| • Visual Inspection of Sewer Pipe – CSA Plus 4012 with NASSCO PACP | March 2013 | 1.2 |
|--|------------|-----|

Cumberland College

www.cumberlandcollege.sk.ca

| | | |
|--|--------------|-----|
| • Lagoon O & M, Nipawin | Oct 18, 2006 | 0.5 |
| • Red Cross First Aid / CPR / AED | various | 2.0 |
| • Construction Safety Training Certificate | various | 0.5 |
| • WHMIS | various | 0.3 |
| • Confined Space Entry & Rescue | various | 1.2 |
| • Power Mobile Equipment Operator | various | 0.7 |
| • Fire Safety – Fire Extinguisher | various | 0.7 |

Danatec

www.danatec.com

| | | |
|---|--|-----|
| • WHMIS 2015 (online) | | 0.3 |
| • TDG Transportation of Dangerous Goods | | 0.3 |

Dave Clark Water Treatment Consulting Inc.

| | | |
|---|-----------------|-----|
| • Filtration Processes | various | 0.2 |
| • Basic Water Chemistry | various | 0.2 |
| • Water Analysis | various | 0.2 |
| • Water Plant Math | various | 0.2 |
| • Chemical Feed Pumps | various | 0.2 |
| • Chemically Assisted Filtration | various | 0.2 |
| • Jar Testing | various | 0.6 |
| • Douglas / Danielson Park Training Session | July 2-23, 2011 | 1.6 |

David H. Paul Inc. Training – Correspondence

<http://www.dhptraining.com/dhp/>

| | | |
|---|--------------|-----|
| Reverse Osmosis Water Treatment Specialist Program | | |
| • Course – 1 Math, Chemistry, Biology | Book 145 | 3.0 |
| • Course – 2 Reverse Osmosis | Book 146 | 3.0 |
| • Course – 3 RO Troubleshooting / Cleaning | Book 147 | 3.0 |
| • Reverse Osmosis Operation and Maintenance – Key Lake | June 1, 2010 | 0.7 |
| • Reverse Osmosis Monitoring & Troubleshooting – Key Lake | June 2, 2010 | 0.7 |
| • RO Operation – Hands On | various | 0.7 |
| • RO Chemical Cleaning – Hands On | various | 0.7 |
| • Advanced RO Chemical Cleaning – Hands On | various | 0.7 |
| • RO Analytical Troubleshooting – Hands On | various | 0.7 |
| • RO Mechanical Troubleshooting – Hands On | various | 0.7 |
| • Reverse Osmosis 101 | various | 0.7 |
| • Monitoring & Troubleshooting of RO Units – Hands On | various | 0.7 |
| • Operation, Control & Maintenance of RO Pre-treatment | various | 0.7 |
| • Operation, Control & Maintenance of RO Units – Hands On | various | 0.7 |
| • Optimal Design & Operation of RO Systems | various | 2.1 |
| • Optimal Design & Operation of RO Systems (Revised 2 days) | various | 1.4 |
| • RO Monitoring and Troubleshooting OLC 118 | online | 1.2 |

D. B. Safety Solutions Inc.

| | | |
|---------------------|--|-----|
| • Train The Trainer | | 1.6 |
|---------------------|--|-----|

Delco Automation Inc

| | | |
|------------------------|--|-----|
| • SIBROM Training Plan | | 1.0 |
| • RO System Training | | 1.0 |

Digital-2000 Inc.

<http://www.digital-2000.com/>

| Module | Time (minutes) | CEU |
|---|----------------|-----|
| • Chemical Safety | 63 | 0.1 |
| • First Aid | 103 | 0.2 |
| • Field Equipment Module I | 103 | 0.2 |
| • Field Equipment Module II | 66 | 0.1 |
| • Tool Safety | 60 | 0.1 |
| • Elevated Work | 61 | 0.1 |
| • Treatment Plant | 107 | 0.2 |
| • Field Operations Safety Module I | 74 | 0.1 |
| • Field Operations Safety Module II | 60 | 0.1 |
| • Field Operations Safety Module III | 64 | 0.1 |
| • Personal Protective Equipment | 101 | 0.2 |
| • Electrical Safety | 67 | 0.1 |
| • Shop Safety | 72 | 0.1 |
| • General Safety Module I | 102 | 0.2 |
| • General Safety Module II | 70 | 0.1 |
| • Water/Wastewater operations Safety Module | 91 | 0.2 |
| • Security and Disaster Preparedness Module | 99 | 0.2 |
| • Administrative Module | 60 | 0.0 |

DMC Mining

| | | |
|---------------------------------------|-----------------|-----|
| • Ammonia Emergency Response Training | Jun 20-21, 2017 | 1.2 |
|---------------------------------------|-----------------|-----|

Echologics

www.echologics.com

| | | |
|------------------------|--|-----|
| • Water Leak Detection | | 1.5 |
|------------------------|--|-----|

EDA Environmentals Ltd

| | | |
|------------------------------|--|-----|
| • Trojan Swift UV Operations | | 0.4 |
|------------------------------|--|-----|

Edmonton Waste Management Centre of Excellence

www.ewmce.com

| | | |
|-------------------------------------|--|-----|
| • Anaerobic Digestion | | 1.2 |
| • Biological Nutrient Removal | | 1.2 |
| • Biosolids Management | | 1.2 |
| • Dissolved Air Flotation | | 1.2 |
| • Level ¾ Certification Preparation | | 1.3 |
| • Membrane Treatment of Wastewater | | 1.2 |
| • Primary Sludge Fermentation | | 1.0 |
| • Pumps and Blowers | | 1.2 |
| • Reading P&IDs | | 0.6 |
| • Wastewater Disinfection | | 0.6 |

Edwards School of Business University of Saskatchewan

| | | |
|--------------------------------------|--|-----|
| • The Leadership Development Program | | 3.5 |
|--------------------------------------|--|-----|

Energy Guard Water Technologies

| | | |
|--|--|-----|
| • Reverse Osmosis – Operations & Maintenance | | |
| • Basics of Membrane Treatment | | 0.6 |
| • Advanced Membrane Treatment | | 0.6 |
| • Softeners and Filter Performance | | 0.6 |

Enform

| | | |
|--|-----------------|-----|
| • H2S Alive | | 0.6 |
| • Confined Space 1 & 2 | | 0.8 |
| • WHMIS | | 0.3 |
| • Oil Production Op. (Part. Credit for Pumps & CTRL Systems) | Mar 11-15, 2013 | 0.3 |

Engineered Pipe Group

| | | |
|---|--|-----|
| • Butt Fusion of HDPE (High Density Polyethylene) | | 0.4 |
| • Electrofusion of HDPE (High Density Polyethylene) | | 0.4 |

Environmental Leverage Inc.

| | | |
|--------------------------------|--------------|------|
| • M004 How to Use a Microscope | May 12, 2017 | 0.4 |
| • M001 Wastewater Microbiology | May 12, 2017 | 0.2 |
| • M002 Wastewater Microbiology | May 12, 2017 | 0.25 |
| • M003 Wastewater Microbiology | May 12, 2017 | 0.2 |
| • WW01 Wastewater Basics | May 12, 2017 | 0.2 |
| • WW02 Visual Troubleshooting | May 12, 2017 | 0.7 |

EnviroWay

<http://www.enviroway.net/>

| | | |
|--|--------------|-----|
| • Wastewater Biology – Balance, PATTON and Bioaugmentation | | 0.3 |
| • Drinking Water – Basic Water Analysis – Hach, Randy Hanson | May 9, 2012 | 0.4 |
| • Enviro H2O Seminar – Michael King, Bob Cashion | Mar 1, 2013 | 0.4 |
| • Enviro H2O Training Show | Feb 12, 2014 | 0.6 |

EOCP

| | | |
|---|--------------|-----|
| • Automatic Control Valve Application & Operation | Singer Valve | 1.2 |
|---|--------------|-----|

Epcor

| | | |
|-------------------|--|-----|
| • WIKT Conference | | 0.4 |
|-------------------|--|-----|

EPIC

| | | |
|--|-----------------|-----|
| • EPIC Risk Assessment of Contaminated Sites | Sept 24-25 2020 | 1.4 |
|--|-----------------|-----|

Evergreen Safety & Training

| | | |
|---------------------------------------|---------|-----|
| • Global Ground Disturbance Level 2 | various | 0.7 |
| • OSSA Confined Space Entry & Monitor | various | 0.7 |
| • OSSA Fall Protection | various | 0.7 |
| • Enform H2S Alive | various | 0.7 |

FABCO Plastics Saskatoon Ltd.

| | | |
|--|--------------|-----|
| • ASME B31.3 A328 Bonding Procedure & ASTM D2855 Solvent Cement Welding Process for PVC & CPVC | May 18, 2016 | 0.3 |
|--|--------------|-----|

Fausser Energy

| | | |
|--------------------------------|--------------|-----|
| • Confined Space Entry Level 2 | Apr 17, 2015 | 0.6 |
|--------------------------------|--------------|-----|

Federation of Saskatchewan First Nations (FSIN) & Touchwood Agency Tribal Council

<http://www.fsin.com/>

| | | |
|--|-----------------|-----|
| • Water Monitoring & Building & Strengthening Skills | Apr 25-27, 2012 | 1.0 |
| Touchwood Agency Tribal Council | | |
| • Introduction to GPS, Cansel Canada | Oct 16-17, 2012 | 0.6 |
| • Drinking Water – Basic Water Analysis – Hach | Oct 16-17, 2012 | 0.3 |
| • Metering Pumps – Anderson Pump House | Oct 16-17, 2012 | 0.3 |
| • Making Drinking Water Safe (RO 1) | Feb 10-11, 2014 | 1.0 |
| • Drinking Water Treatment: The Why and How of Water Treatment | Oct 28-29, 2014 | 1.0 |
| Saskatoon Tribal Council Inc. | | |
| • St. John Ambulance First Aid & CPR | Dec 4-5, 2013 | 1.6 |
| • St. John Ambulance WHMIS | Dec 4-5, 2013 | 0.3 |

Federation of Sovereign Indigenous Nations (FSIN)

| | | |
|---|--|-----|
| • Saskatchewan First Nations Water Operations Forum | | 1.3 |
| • FSIN / AFN Water Legislation / O&M Policy Review | | 1.1 |

File Hills Qu'Appelle Tribal Council

<http://fhqtc.com>

| | | |
|--------------------|--|-----|
| • FHQ WTP Workshop | | 0.5 |
|--------------------|--|-----|

First Aid for Life Consulting & Training Inc.

| | | |
|--|--|------|
| • Cdn Red Cross Standard First Aid CPR C/AED | | 1.6 |
| • Cdn Red Cross Standard First Aid CPR C/AED Recertification | | 0.8 |
| • Cdn Red Cross Emergency First Aid / CPR / AED One Day | | 0.8 |
| • Cdn Red Cross Emergency First Aid / CPR / AED Renewal | | 0.45 |

Fred Pryor Seminars

<http://www.pryor.com/site/default.aspx>

| | | |
|-------------------------|--|-----|
| • Facilities Management | | 1.2 |
|-------------------------|--|-----|

Global Training Center

<http://globaltrainingcentre.com/>

| | | |
|--------------------------------------|--|-----|
| • Global Ground Disturbance Level II | | 0.7 |
|--------------------------------------|--|-----|

Great Plains College

| | | |
|--|-----------------------------|-----|
| • Confined Space | | 0.8 |
| • Fall Protection | Sept 28, 2015 | 0.6 |
| • Microsoft Excel 2016 – Level I | | 0.9 |
| • Microsoft Excel 2016 – Level II | | 0.9 |
| • Respect Group-Sheldon Kennedy & Wayne McNeil Group, Swift Current Campus | Dec 15, 2015 Jan 6, 2016 | 0.3 |

Hach Canada

<http://www.hach.com>

| | | |
|---|---------|-----|
| • Introduction to Water & Disinfection & Turbidity | various | 0.7 |
| • Process Instrument Verification | various | 0.6 |
| • Coagulation & Oxidation Innovations: Using Machine Learning & Online Technology to Improve Your Process | | 0.2 |

Hayes Training & Development Group

<http://www.hayestdg.com/>

| | | |
|--|--|-----|
| • Woodland Trainer Association Chainsaw Level I, II or III | | 0.7 |
|--|--|-----|

Haztech

<http://www.haztechsafety.com/>

| | | |
|--|------------|-----|
| • Standard First Aid, includes CPR and AED | biological | 1.6 |
|--|------------|-----|

Health Canada

| | | |
|---|--|-----|
| • Monitoring the Biological Stability of Drinking Water in Distribution Systems | | 0.2 |
|---|--|-----|

Heavy Construction Safety Association of Sask. Inc.

<http://www.hcsas.sk.ca/>

| | | |
|---|-------|-----|
| • Basic Fall Arrest | | 0.8 |
| • Basic Hoisting and Rigging (includes International Hand Signals for Hoisting) | | 1.4 |
| • Certified Auditor Classroom Training | PARWU | 0.6 |
| • Confined Space Rescue Level 1 | | 0.4 |
| • Confined Space Rescue Level 2 | | 0.7 |
| • Construction Safety Training System (CSTS) | | 0.4 |
| • Ground Disturbance Level 1 | | 0.4 |
| • Ground Disturbance Level 2 | | 0.7 |
| • Powered Mobile Equipment, various locations and trainers | TBA | 0.7 |
| • Principles of Health & Safety Management | PARWU | 0.3 |
| • Roadbuilders Safety Training System (Modules 1 through 9) | | 0.6 |
| • Safety Excellence Leadership | PARWU | 0.9 |
| • Transportation of Dangerous Goods | | 0.4 |
| • WHMIS Train the Trainer | PARWU | 0.3 |

Hest Safety Consulting

<http://hestsafety.ca/training/>

| | | |
|---|--|-----|
| • Aerial Work Platform Awareness | | 0.5 |
| • Confined Space Entry | | 0.8 |
| • Fall Protection Awareness | | 0.6 |
| • Occupational Health & Safety Committee Training Level 1 | | 1.2 |
| • Occupational Health & Safety Committee Training Level 2 | | 1.2 |
| • Powered Mobile Equipment Training | | 0.8 |
| • Supervision and Safety Training | | 0.8 |
| • WHMIS 2015 | | 0.4 |

Hetek Solutions Inc.

<http://www.hetek.com/pages.php?page=Home>

| | | |
|--|--|-----|
| • Pro-Active Operations & Maintenance Practices | | 0.7 |
| • What's In That Pipe? Sources and Characteristics For Wastewater Collection and Treatment | | 1.2 |
| • Operation and Maintenance of Wastewater Pumping Lift Stations and Force Mains | | 0.6 |

| | | |
|--|--|-----|
| • Physical Sciences for Water and Wastewater | | 0.7 |
| • Water Loss Management | | 0.6 |

Hutch Ambulance Service

| | | |
|--|--|-----|
| • Standard First Aid / CPR C Recertification | | 0.7 |
|--|--|-----|

Hydraulic Safety Authority of Canada Inc.

www.hsac.ca

| | | |
|--|--|-----|
| • Hydraulic Safety High Risk Management Level – Instructor Led | | 1.4 |
| • Hydraulic Safety High Risk Management Level – E Learning | | 0.7 |

IM Safety Service

| | | |
|------------------|---------|-----|
| • Confined Space | various | 0.7 |
|------------------|---------|-----|

Indian and Northern Affairs Canada

<http://www.ainc-inac.gc.ca/index-eng.asp>

| | | |
|--|--|-----|
| • Protocol for Safe Drinking Water in First Nation Communities | | 0.7 |
|--|--|-----|

Indiana State University

<http://www.indstate.edu/distance/>

| | | |
|---------------------|--|-----|
| • Basic Supervision | | 5.0 |
| • Basic Management | | 5.0 |

Integrated Water Systems Inc.

| | | |
|--|--|-----|
| • Membranes in Water Treatment | | 0.6 |
| • MF & UF Operation – Membranes in Water Treatment | | 0.3 |
| • NF & RO Membranes Operation | | 0.3 |

Ironclad Safety / Eagle Spirit Safety Co. Ltd.

| | | |
|------------------|----------------|-----|
| • WHMIS | various/online | 0.2 |
| • TDG | various/online | 0.4 |
| • Confined Space | various/online | 0.4 |

J & T First AID Consulting Inc.

| | | |
|--|---------|-----|
| • Red Cross Standard First AID CPR AED Recertification | various | 0.8 |
| • Red Cross Standard First AID CPR AED | various | 1.6 |

John Brooks Company Ltd.

| | | |
|---|--|-----|
| • Fundamentals of Pumping; Centrifugal Pump Basics, Hydraulics Applications & Troubleshooting | | 0.6 |
|---|--|-----|

KPS Medic Ltd.

| | | |
|---|----------------------------------|------------|
| • Red Cross First AID Instructor Course | Sep 26-28,2014 Feb 10-11,2015 | 3.2 3.2 |
|---|----------------------------------|------------|

Levelton Consultants Ltd.

<http://www.levelton.com/>

| | | |
|---|--|-----|
| • Asbestos Awareness for Water/Wastewater Operators, Jim Bagley | | 0.6 |
|---|--|-----|

Lifesaving Society

| | | |
|---|--|-----|
| • Aquatic Emergency Care with CPR-C & AED | | 2.4 |
|---|--|-----|

Michigan State University

<http://www.msu.edu/>

| | | |
|--|--|-----|
| • Supervisory Management in the Water / Wastewater Field | | 6.0 |
| • Maintenance Management in the Water / Wastewater Field | | 6.0 |

Ministry of Environment

<http://www.environment.gov.sk.ca/>

| | | |
|--|----------------|-----|
| • Water Microbiology Workshop, Saskatoon | Mar 25, 2011 | 0.6 |
| • Environmental Compliance Auditing | Apr 12-14 2016 | 1.6 |

Ministry of Justice

| | | |
|--|---------------|-----|
| • Resolving Conflict Constructively, Saskatoon | Oct 4-6, 2016 | 1.9 |
|--|---------------|-----|

Ministry of Parks, Culture & Sport – Safety & Training Unit

| | | |
|---|---------|-----|
| • Level 1 Occupational Health Committee (OHC) | various | 0.7 |
| • Level 2 Occupational Health Committee (OHC) | various | 0.7 |
| • Supervision & Safety | various | 0.7 |
| • Fire Extinguisher Training | various | 0.3 |
| • Chainsaw Safety | various | 1.6 |

MSA Certified Training Program

| | | |
|--------------------------------------|--------------|-----|
| • Qualitative Respirator Fit Testing | Apr 10, 2013 | 0.2 |
|--------------------------------------|--------------|-----|

MPE Engineering Ltd.

| | | |
|-----------------------------|--|-----|
| • SCADA Operations Training | | 0.3 |
|-----------------------------|--|-----|

Mueller Canada

| | | |
|--|-----------------|-----|
| • Hydrant Training | May 31, 2016 | 0.5 |
| • Service Line Applications & Tapping-Estevan/Saskatoon-SWWA | Apr 25-26, 2017 | 0.6 |
| • Mueller Water Products Training | | 0.5 |
| • Mueller Hydrant, Machine and Tool Course | | 0.4 |
| • Water Leak Detection | | 1.5 |

Municipal Utilities Central Ltd.

| | | |
|---|--|-----|
| • Membrane Treatment Process WTP Operator Orientation | | 0.7 |
|---|--|-----|

Nalco Water

| | | |
|----------------------------|--|-----|
| • Analytical Field Testing | | 0.1 |
| • Fundamentals of Water | | 0.4 |
| • Reverse Osmosis 101 | | 0.1 |
| • Safe Chemical Handling | | 0.1 |
| • Water Safety | | 0.1 |

NexLev Solutions

| | | |
|---|----------------|-----|
| • Business & Project Management Framework | various | 1.3 |
| • Project Management Professional Course | Mar 17-18,2015 | 1.3 |

Northern Lakes College

| | | |
|---|--|-----|
| • Level 1 Water & Wastewater Certification Preparation Live On-Line | | 3.0 |
|---|--|-----|

Northern Strands

| | | |
|--------------------------|--|-----|
| • Below the Hook Rigging | | 0.7 |
|--------------------------|--|-----|

North West Fire

| | | |
|--|--|-----|
| • Fire Fighter Personal Protective Equipment | | 1.3 |
| • Ground Ladders | | 0.9 |
| • Hazardous Materials | | 1.0 |
| • Portable Fire Extinguishers | | 0.4 |
| • Ropes and Knots | | 0.7 |
| • Water Supply | | 0.4 |

North West Regional College

<http://www.nwrc.sk.ca/>

| | | |
|-------------------------------------|---------|-----|
| • Fireman's Certificate Prep Course | various | 6.0 |
|-------------------------------------|---------|-----|

NOVA – Online Training and Development

<http://www.nova-td.com/>

| | | |
|--|--|-----|
| • Basic Microbiological Concepts | | 0.6 |
| • Cross Connection Control | | 0.6 |
| • Disinfection of Watermains and Storage Facilities | | 0.6 |
| • Groundwater Our Most Valuable Resource | | 0.7 |
| • Monitoring and Sampling | | 0.5 |
| • Water Quality Complaint Investigation | | 0.6 |
| • CT Disinfection | | 0.3 |
| • Water Quality Complaint Investigation | | 0.6 |
| • Keeping Distribution Water Safe From Microbial Contamination | | 0.4 |
| • Water System Security | | 0.3 |
| • Source Protection Initiatives | | 0.4 |

Nutrien

| | | |
|---|--|-----|
| • Basic Fire Extinguisher | | 0.3 |
| • Centrifugal Pumps Parts 1 and 2 | | 0.3 |
| • Water Treatment; Water for Plant Systems Part 1 and 2 | | 0.4 |
| • Pumps: Fundamentals of Centrifugal Types | | 0.2 |
| • Centrifugal Pumps | | 0.5 |

Occupational Health and Safety

<http://www.lrws.gov.sk.ca/ohs-training-publications/>

| | | |
|---|---------|-----|
| • Supervision and Safety | | 0.7 |
| • OH&S Ready to Work, Energy Training Institute | | 0.2 |
| • OH&S Safe Operation of Forklifts | | 1.2 |
| • OH&S Powered Mobile Equipment, various dates and trainers | various | 0.7 |
| • Level 1 OHS Training | | 1.0 |
| • Level 1 OHC Training | PARWU | 1.0 |

Optimize Consulting

optimize.consulting@live.com

| | | |
|---|------------------|-----|
| • Water Distribution Class 1 – Optimize Consulting | | 1.1 |
| • Wastewater Collection Class 1 – Optimize Consulting | June 21-24, 2010 | 1.1 |
| • Water Distribution Class 2 – Optimize Consulting | | 1.1 |
| • Water Treatment Class 4 – Optimize Consulting | Jan 27-28, 2011 | 1.6 |
| • Wastewater Treatment Class 4 – Optimize Consulting | Dec 6-9, 2010 | 3.2 |
| • Wastewater Treatment Class 3 – Optimize Consulting | Nov 21-24, 2011 | 3.2 |
| • Wastewater Collection Class 1-3 Optimize Consulting | Dec 13-15, 2011 | 1.2 |

Outback Renewal Candle Lake

| | | |
|--|---------------|-----|
| • Scissor Lift – Outback Renewal Candle Lake | Aug 7-8, 2014 | 1.2 |
|--|---------------|-----|

Pacific Medical Training

| | | |
|--|--|-----|
| • Basic Life Support + First Aid - BLS (CPR-C) | | 0.8 |
|--|--|-----|

Parkland College

<http://www.parklandcollege.sk.ca/>

| | | |
|---|--|-----|
| • Fall Protection | | 0.7 |
| • First Aid / CPR 'A' | | 1.6 |
| • WHMIS | | 0.4 |
| • Confined Space | | 1.0 |
| • H2S Alive | | 0.7 |
| • Ground Disturbance | | 0.7 |
| • Supervision & Safety | | 0.6 |
| • Transportation of Dangerous Goods | | 0.4 |
| • Occupational Health Committee Level 1 | | 0.6 |
| • PowerPoint | | 1.2 |
| • Microsoft Excel Level 2 | | 1.8 |
| • Computer Basics | | 1.8 |
| • Microsoft Excel Level 1 | | 1.8 |
| • Microsoft Word Level 1 | | 1.8 |
| • Microsoft Word 2010 Level 2 | | 1.8 |
| • Microsoft Word 2010 Core Skills | | 2.5 |
| • Microsoft Excel Core Skills | | 2.5 |
| • Fundamentals of Project Management (Project Mgmt Cert) | | 1.3 |
| • Project Planning & Scheduling (Project Mgmt Cert) | | 1.3 |
| • Cost & Procurement Management (Project Mgmt Cert) | | 1.3 |
| • Project Management Practicum (Project Mgmt Cert) | | 1.3 |
| • Project Quality Management (Project Mgmt Cert) | | 1.3 |
| • Project Risk Management (Project Mgmt Cert) | | 1.3 |
| • Human Resource & Communication Mgmt (Project Mgmt Cert) | | 1.3 |
| • Class 1 Water Treatment | | 1.4 |
| • Class 1 Water Distribution | | 1.4 |
| • Math Refresher for Water Operators | | 0.7 |
| • Leadership Skills for Front Line Managers | | |
| • Module 1: Supervision | | 1.2 |
| • Module 2: How to Work with People | | 1.2 |
| • Module 3: How to Get the Work Out | | 1.2 |
| • Module 4: Employee Selection & Training | | 1.2 |

PEMAC Asset Management Association of Canada

| | | |
|--|--|-----|
| • Maintenance Management Professional (MMP) | | 1.5 |
| • Module 1: An Integrated Strategy for Maintenance Mgmt | | |
| • Module 2: Production & Operations Management for the Maintenance Manager | | 3.0 |
| • Module 3: Human Resources for the Maintenance Manager | | 3.0 |
| • Module 4: Financial Mgmt for the Maintenance Manager | | 3.0 |
| • Module 5: Developing & Implementing Maintenance Tactics | | 3.0 |
| • Module 6: Maintenance Work Management | | 3.0 |
| • Module 7: Computerized Maintenance Management Systems (CMMS) | | 3.0 |
| • Module 8: Capstone Course | | 3.0 |

Portage College

<http://www.portagecollege.ca/>

| | | |
|--|--|-----|
| • WWWO 101 Potable and Wastewater Systems Management (classroom) | | 2.5 |
| • WWWO 101 Potable and Wastewater Systems Management (online) | | 1.8 |
| • Air brakes | | 0 |
| • Aerial Platform | | 0.3 |
| • Confined Space (Entry and Monitor) | | 0.5 |
| • Defensive Driving | | 0 |
| • Fall Protection (OSSA approved) | | 0.6 |
| • Fall Protection | | 0.6 |
| • Standard First Aid / CPR C | | 1.2 |
| • Emergency First Aid / CPR A | | 0.6 |
| • Flag Person | | 0.3 |
| • Forklift | | 0.3 |
| • Ground Disturbance – Level 2 | | 0.6 |
| • H2S Alive | | 0.5 |
| • Skid Steer – Operator | | 0.4 |
| • TDG / WHMIS | | 0.6 |
| • Construction Safety Training System (online) | | 0.6 |
| • Construction Safety Training System – upgrade (online) | | 0.4 |
| • Road Builders Safety Training System (online) | | 0.3 |
| • TDG (online) | | 0.3 |
| • WHMIS (online) | | 0.3 |

Potash Corporation of Saskatchewan

<http://www.potashcorp.com/>

| | | |
|---|---------|-----|
| • Emergency First Aid – Lanigan | various | 1.0 |
| • Confined Space Training – Lanigan Mine Site | | 1.0 |
| • Hydrogen Sulphide – Lanigan Mine Site | various | 1.0 |

Prairie North Health Region

| | | |
|---|----------------|-----|
| • Asbestos Awareness & Glove-Bag Removal Process, Bersch & Associates) North Battleford | Jun 18-19,2014 | 0.9 |
|---|----------------|-----|

Prince Albert Grand Council

| | | |
|---|---------------------------|-----|
| • Delco Water Biological Filtration | Nov 15, 2015 | 0.4 |
| • Biological Membrane Systems – Successful Operation & Maintenance | Nov 15, 2015 | 0.3 |
| • Improving Drinking Water in First Nation Communities | Nov 18, 2015 | 0.6 |
| • Water Monitoring: Building and Strengthening Skills 2016(PAGC, Health Canada, Fill Hills Qu'Appelle Tribal Council) | May 4-5 2016 June 2016 | 1.0 |

Proactive

| | | |
|---|--------------|-----|
| • 40 hour Overhead Crane Competent Operator | various | 3.5 |
| • 8 hour Overhead Crane Competent Operator | various | 0.7 |
| • Aerial Work Platform Competent Operator | various | 1.4 |
| • Forklift Competent Operator | various | 1.4 |
| • Fall Protection | various | 0.7 |
| • Confined Space | various | 0.7 |
| • Skid Steer Competent Operator | various | 1.4 |
| • Fall Protection | July 6, 2015 | 0.6 |

Pulse Safety Services Ltd.

| | | |
|---------------|--|-----|
| • WHMIS & H2S | | 1.0 |
|---------------|--|-----|

RCM Training and Consulting Ltd.

| | | |
|----------------------------|--|-----|
| • Fall Protection | | 0.7 |
| • Powered Mobile Equipment | | 1.4 |

Regina Qu'Appelle Health Region

| | | |
|-----------------------------------|--------------|-----|
| • Swimming Pool Operator's Course | May 3-4 2015 | 1.2 |
|-----------------------------------|--------------|-----|

Regina Safety Consulting & Training

| | | |
|--|--|-----|
| • Asbestos Awareness | | 0.4 |
| • Chlorine Safety | | 0.7 |
| • Confined Space | | 0.7 |
| • Fall Protection | | 0.7 |
| • Hoisting & Rigging | | 0.7 |
| • Load Securement | | 0.4 |
| • Overhead Travelling Crane | | 0.7 |
| • Positive Pressure Breathing Apparatus (SCBA) | | 0.4 |
| • TDG | | 0.4 |

Safe Drinking Water Team, Touchwood Agency Tribal Council, The Safe Water for Health Research Team (U of S)

| | | |
|---|--|-----|
| • First Nation Public Water System Reporting | | 0.3 |
| • Stream 1 (Technical Stream) of the Indigenous Water Forum – Drinking Water Treatment Process and Policies | | 0.5 |

Safety Association of Saskatchewan Manufacturers (SASM)

<http://sasm.ca>

| | | |
|--|---------|-----|
| • Confined Space | | 0.4 |
| • Fall Protection | | 0.5 |
| • Job Hazard Analysis | | 0.5 |
| • Lockout / Tagout Program (on-line) | | 0.4 |
| • Safety Essentials for Supervisors, BPWTP | various | 1.2 |

Safety Courses Canada

| | | |
|-------------------------------------|--|-----|
| • GHS & WHMIS 2015 | | 0.2 |
| • Confined Space Awareness Training | | 0.2 |

Safety Services Manitoba

<http://safety-services-manitoba.ca/>

| | | |
|--|-----------------|-----|
| • WHMIS – Flin Flon | Apr 25-29, 2011 | 0.3 |
| • Fall Protection – Flin Flon | Apr 25-29, 2011 | 0.6 |
| • Confined Space Refresher / Awareness – Flin Flon | Apr 25-29, 2011 | 0.6 |
| • Respirator Fit Testing | Apr 25-29, 2011 | N/A |

SANC: Sask. Association of Norther Communities (New North Conference)

<http://www.newnorthsask.ca/>

| | | |
|--|-----------------|-----|
| • Water/Landfill Workshop, La Ronge | Apr 10-11, 2002 | 1.2 |
| • Drinking Water, Wastewater & Solid Waste, La Ronge | Apr 1–3, 2003 | 0.9 |
| • Northern Communities Water Works Workshop: La Ronge | Apr 21-23, 2004 | 1.0 |
| SANC: Northern Environmental Workshop: La Ronge | Apr 6-8, 2005 | 0.3 |
| • Basic Math Workshop | | 0.3 |
| • Jar Testing Workshop | | 0.3 |
| • Basic Chemistry Workshop | | 0.3 |
| SANC: Water Works Workshop, La Ronge | Apr 5-7, 2006 | |
| • Principles & Practices of Dr. Water Chlorination | | 0.3 |
| • Basic Safety for Operators | | 0.3 |
| • Distribution System O & M, AWWA Webcast | | 0.3 |
| SANC: Water Works Workshop, La Ronge | Apr 07-09, 2007 | |
| • UV Disinfection (Calgon) | | 0.6 |
| • Watermain Swabbing (ATAP) | | 0.6 |
| • Basic Slow Sand Filters (MS Filter) | | 0.3 |
| • Membrane Filtration (Puretech) | | 0.3 |
| • Portable & On-line Instrument Calibration (ClearTech) | | 0.3 |
| SANC: New North Water Workshop | Apr 18-19, 2008 | |
| • Iron and Manganese Removal | | 0.6 |
| • Lagoon Operations | | 0.6 |
| • Chemical Pump Maintenance – Clear Tech | | 0.4 |
| • Water & Wastewater Worker Safety – ATAP | | 0.4 |
| SANC: Northern Water Conference | Apr 27-29, 2009 | |
| • Principles & Practices of Chlorination / Chloramination, Cleartech | | 0.3 |
| • From Sampling to Report – SRC | | 0.3 |
| • Jar Testing, ATAP | | 0.7 |
| • Distribution System Maintenance and Leak Detection, Al Turner | | 0.7 |
| SANC: Northern Water Conference | Apr 14-16, 2010 | |
| • Hypochlorination, ATAP | | 0.7 |
| • Disinfection Alternatives, Metcon | | 0.7 |
| • Filter and Instrumentation Optimization, ClearTech | | 0.3 |
| • MOE Regulations and Operator Duties, SMOE | | 0.3 |
| SANC: Northern Water Conference | Apr 18-20, 2011 | |
| • MOE Regulations and Operator Duties, SMOE | | 0.3 |

| | | |
|--|------------------|-----|
| • Greensand Filters – S, Dobrowny | | 0.3 |
| • Lagoon Operation & Maintenance – ATAP | | 0.7 |
| • Chemical Pump Maintenance & Calibration – ClearTech | | 0.4 |
| • Chlorination, ClearTech | | 0.4 |
| SANC: Northern Water Conference | Apr 17-19, 2013 | |
| • Metering Pumps, APH | | 0.3 |
| • Drinking Water: Basic Water Analysis (Randy Hanson) | | 0.4 |
| • Wastewater Collection Maintenance (ATAP) | | 0.6 |
| SANC: Northern Water Conference | April 2014 | |
| • From Sampling to Report – SRC | | 0.3 |
| • Standard Operating Procedures, Contingency Plans & Emergency Planning – ATAP | | 0.6 |
| • Microbial Maintenance – Enviroway | | 0.3 |
| SANC: Northern Water Conference | Apr 22-23, 2015 | |
| 2015 New North Waterworks Workshop CEU (an operator may only receive either individual workshop CEU's or the overall conference CEU, not a combination of both.) | | 1.0 |
| • Maintenance for Submersible Pumps and Station Automation Systems – Xylem | | 0.3 |
| • Jar Testing – Delco Water (Kelly Franks) | | 0.3 |
| • Potable Water Reservoir Design, Operation & Maintenance | | 0.6 |
| SANC: New North Water Conference | Apr 27- 28, 2016 | |
| 2016 New North Waterworks Workshop CEU (an operator may only receive either individual workshop CEU's or the overall conference CEU, not a combination of both.) | | 1.0 |
| • Water & Wastewater Operator Math Course | | 0.3 |
| • Water & Wastewater Operator Safety Course | | 0.3 |
| • Water Disinfection Techniques | | 0.6 |
| SANC: New North Water Conference | Apr 11-12, 2017 | |
| 2017 New North Waterworks Workshop CEU (an operator may only receive either individual workshop CEU's or the overall conference CEU, not a combination of both.) | | 1.0 |
| • Water Works & Sewage Works Permittee Responsibilities | | 0.3 |
| • Control Systems Troubleshooting | | 0.4 |
| • Responsibilities of Municipal Authorities for Water/Sewage Works | | 0.3 |
| SANC: New North Water Conference | Apr 17-18, 2018 | |
| 2017 New North Waterworks Workshop CEU (an operator may only receive either individual workshop CEU's or the overall conference CEU, not a combination of both.) | | 1.0 |
| SANC: New North Water Conference | Apr 10-11, 2019 | 1.0 |
| SANC: New North Water Conference | Apr 29-30, 2020 | 1.2 |

Saskatchewan Association of Rural Water Pipelines (SARWP)

<http://sarwp.sasktelwebhosting.com/>

| | | |
|--|-------------|-----|
| • On-Line Chlorine Analysers & Chlorination, Saskatoon | Dec 6, 2006 | 0.3 |
| • Principles & Practices of Drinking Water Chlorination, Saskatoon | Dec 6, 2006 | 0.3 |
| • Control Systems Trouble-shooting and Maintenance, Stantec | Dec 1, 2008 | 0.6 |
| • Cross Control Connection | Dec 2009 | 0.6 |
| • High Density Polyethylene (HDPE) Pipe Fusion | Dec 2010 | 0.6 |
| • Distribution System Maintenance – S. Dobrowny | Dec 2011 | 0.6 |

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|--|--|-----|
| • Pump & Valve Operation & Maintenance | | 0.7 |
|--|--|-----|

Saskatchewan Adult Basic Education Association (SABEA)

| | | |
|--|--|-----|
| • Using Technology Science 30 Curriculum & Activities | | 0.5 |
| • Govt's Water Regulations Standards & Licensing Bylaws & Planning RE: Water | | 1.0 |
| • Math Gr 12 & Science Gr 12 | | 0.5 |

Saskatchewan Construction Safety Association (SCSA)

<http://www.scsaonline.ca/>

| | | |
|--|---------|-----|
| • Frame Scaffolding Awareness Training | | 0.6 |
| • WHMIS | various | 0.3 |
| • Safety Construction Orientation Training (SCOT – SCSA) | online | 0.4 |
| • Confined Space & Respiratory Protection Awareness | | 0.6 |
| • Safety Auditor Training | | 1.3 |
| • Fall Protection | | 0.6 |
| • Safety Management | | 0.6 |
| • Leadership for Safety Excellence | | 1.3 |
| • Hoisting and Rigging Safety Awareness | | 1.3 |
| • Basic Training Techniques | | 1.0 |

Saskatchewan First Nations Water Association Inc.

| | | |
|--|---------|-----|
| • Source Water Protection Workshop | | 0.5 |
| • Biofiltration: Operation and Maintenance | | 0.7 |
| • Math: - Converting Temperatures and Chlorine Demand - Decimals, Percentages, Chemical Requirements & Concentration - Weight of Water, Averages, and Acceleration Due to Gravity - Areas of Circles, Circumferences of Circles and Volumes of Cylinders - Areas of Rectangles and Volumes of Rectangular Prisms | | 0.1 |
| • Introduction to Source Water Protection Planning in First Nations | online | 0.1 |
| • Introduction to Source Water Protection Planning in First Nations | webinar | 0.1 |
| • Source Water Protection in First Nations: Introduction to SWP Planning and Decommissioning Abandoned Water Wells | online | 0.3 |
| • Source Water Protection in First Nations: Decommissioning Abandoned Water Wells | online | 0.2 |
| • Manganese in Drinking Water: Exposure, Guidelines and Treatment Processes | online | 0.3 |
| • Drinking Water Regulations and Water Quality Standards for SK First Nations | online | 0.3 |

Saskatchewan First Nations Safety Association (SFNSA)

www.sfnsa.ca

| | | |
|------------------|--|-----|
| • Confined Space | | 0.7 |
| • TDG | | 0.4 |
| • WHMIS | | 0.4 |

Saskatchewan Groundwater Association

| | | |
|--------------------------------|--|-----|
| • Operational Stages of a Well | | 0.3 |
|--------------------------------|--|-----|

Saskatchewan Ministry of Government Relations

<http://www.gr.gov.sk.ca/SaskEMO>

| | | |
|---|--------|-----|
| • Basic Emergency Management – Melfort | 2 days | 1.2 |
| • Emergency Operations Centre – Melfort | 2 days | 1.6 |

Saskatchewan Onsite Wastewater Management Association

| | | |
|---|--------------|-----|
| • Onsite Wastewater System Education Days | Apr 4, 2017 | 0.5 |
| • Onsite Wastewater Systems Design Workshop | Apr 11, 2018 | 0.7 |

Saskatchewan Polytechnic (Formerly SIAST)

<http://www.saskpolytech.ca/>

| | | |
|---|----------|-----|
| SIAST Water / Wastewater Technician Program, effective Sept/06 | | |
| • Water Treatment 1 | WTER 130 | 8.0 |
| • Water Treatment 2 | WTER 131 | 8.0 |
| • Water Distribution 1 | WTER 132 | 4.5 |
| • Water Distribution 2 | WTER 133 | 4.5 |
| • Wastewater Collection 1 | WTER 134 | 6.0 |
| • Wastewater Collection 2 | WTER 135 | 6.0 |
| • Wastewater Treatment 1 | WTER 136 | 8.0 |
| • Wastewater Treatment 2 | WTER 137 | 8.0 |
| • Water/Wastewater Laboratory 1 | LABS 121 | 4.5 |
| • Water/Wastewater Laboratory 2 | LABS 122 | 4.5 |
| • Business Communications 1 | BCOM 120 | 4.8 |
| • Business Communications 2 | BCOM 121 | 6.4 |
| • Graphical Communications 1 | GRPH 123 | 3.0 |
| • Graphical Communications 2 | GRPH 124 | 4.5 |
| • Technical Mathematics | MAT 124 | 4.5 |
| • Basic Computer Operation | COMP 170 | 1.5 |
| • Intro. To Microsoft Word | COMP 171 | 1.5 |
| • Introduction to MS Excel 1 | COMP 174 | 1.5 |
| • Introduction to MS Excel 2 | COMP 175 | 1.5 |
| • Introduction to Microsoft Access 1 | COMP 176 | 1.5 |
| SIAST Water & Wastewater Operator Training | | |
| • Small Systems Water (3 days) | | 1.8 |
| • Class 1 Water Treatment / Distribution Upgrade (3 days) | | 1.3 |
| • Class 1 Water Treatment / Distribution (5 days) | | 2.7 |
| • Class 2 Water Treatment / Distribution (3 days) | | 1.3 |
| • Class 3/4 Water Treatment / Distribution (4 days) | | 1.8 |
| • Small Systems Wastewater (3 days) | | 1.8 |
| • Class 1 Wastewater Treatment / Collection Upgrade (3 days) | | 1.3 |
| • Class 1 Wastewater Treatment / Collection (5 days) | | 2.7 |
| • Class 2 Wastewater Treatment / Collection (4 days) | | 1.8 |

| | | |
|---|-----------|-----|
| • Centrifugal Pumps | | 0.6 |
| • Chemical Feed Pumps | | 0.6 |
| • Cross Connection Control Awareness | | 0.6 |
| • Distribution System Maintenance | | 0.6 |
| • Gas Chlorine Systems | | 1.5 |
| • Hydraulics for Operators | | 0.6 |
| • Hypochlorination | | 0.6 |
| • Lagoon Operation & Maintenance | | 0.6 |
| • Power Engineering / Limited Fireman (ENGP 1800) | | 4.1 |
| • Surface Water Treatment | | 1.2 |
| • Water Analysis | | 0.6 |
| • Small Seasonal Drinking Water Systems (Correspondence Course) | | 1.0 |
| • Parks Management Pesticide Applicator (Pest 179) | | 1.5 |
| • Ground Disturbance – various & online | SFTY 1818 | 0.6 |
| • WHMIS 2015 – online | SFTY 1817 | 0.4 |
| • Respiratory / Fit Testing Awareness – various & online | SFTY 1809 | 0.4 |
| • Incident Investigations – various & online | SFTY1810 | 0.6 |
| • Compressed Gas / Cylinder Awareness – various & online | SFTY 1811 | 0.4 |
| • Confined Space Awareness – various & online | SFTY 1814 | 0.6 |
| • Fall Protection – various | SFTY 1813 | 0.6 |

*Contact Sask Polytechnic at 306-694-3227 for further details

Saskatchewan Public Works Association (SPWA)

<http://saskatchewan.cpwa.net/>

| | | |
|---|--|-------|
| SPWA Conference February 26-28, 2008 | | |
| • Emergency Planning | | 0.6 |
| • Equipment Operator Training Workshop (WD and WWC only) | | 0.3 |
| • Succession Planning, Documenting Standard Operating Procedure | | 0.1 |
| • Climate Change – Corman Park Project | | 0.1 |
| • InsituForm, Pipe Lining for Water and Sewer Pipes | | 0.1 |
| • PSAB – Public Sector Accounting Board | | 0.1 |
| • Sewer Use Policy / Bylaws | | 0.1 |
| • Water and Wastewater Asset Management | | 0.1 |
| 2009 Conference February 24 – 27, 2009 Saskatoon, SK | | |
| • Langenburg Reverse Osmosis Plant | | 0.1 |
| • Building a Workplace Safety Culture | | 0.3 |
| • Equipment Demonstration – City of Saskatoon | | 0.2 |
| • Challenges Facing Public Works | | 0.1 |
| • Safe Trenching/Confined Space Presentation | | 0.3 |
| 2010 Conference February 24 – 25, 2010 Regina, SK | | |
| • Examining TEAM | | 0.075 |
| • Putting TEAM in Safety | | 0.075 |
| • Moose Jaw WWTP | | 0.075 |
| • Saskatoon Water System | | 0.075 |
| • PSAB/Asset Management and Water System Assessments in Northern Saskatchewan | | 0.075 |
| • Harbour Landing Pumping Station | | 0.075 |
| 2011 Conference February 24 – 25, 2011 Regina, SK | | |
| • Less Trench Alternative to Watermain Replacement | | 0.3 |
| • The ABC's of Fire and Extinguishing | | 0.3 |

| | | |
|--|--------------|-----|
| • Team Dynamics | | 0.2 |
| 2011 SPWA Workshops | | |
| • Hydrant & Valve – Operation and Maintenance Workshop | | 0.7 |
| • CPWA Public Works Safety Workshop | Feb 25, 2011 | 0.3 |
| 2016 SPWA Conference February 23 – 25, 2016 | | |
| Full Conference attendance (includes workshop & attendance to 4 of the 8 technical sessions) | | 1.0 |
| • ATAP – Filter Surveillance & Optimization | Feb 25, 2016 | 0.6 |
| • Public Works Safe | | 0.6 |

Saskatchewan Safety Council

| | | |
|---|---------------|-----|
| • Powered Mobile Equipment Operator | various | 1.3 |
| • Saskatchewan Safety Council Industrial Safety Seminar | various | 1.1 |
| • Ground Disturbance Level 2 | | 0.8 |
| • 45 th Annual Industrial Safety Seminar | | 1.0 |
| • Skid Smart Collision Avoidance | | 0.7 |
| • Industrial Safety Seminar | Feb 4-6, 2019 | 1.2 |

Saskatchewan Urban Municipalities Association (SUMA)

| | | |
|--|-------------|-----|
| • Strategic & Financial Planning for Municipalities SUMA Convention | Jan 1, 2015 | 0.5 |
|--|-------------|-----|

Saskatchewan Water & Wastewater Association (SWWA)

<http://www.swwa.ca/pages/index.php>

| | | |
|--|-----------------|------------|
| SWWA Annual Conference, Saskatoon, November 1, 2000 | | CEU |
| • Confined Spaces | | 0.3 |
| • Chemical Solution Feeders | | 0.6 |
| • Pump O & M | | 0.3 |
| • Aquifer Protection | | 0.3 |
| SWWA Workshops, 2001 | | |
| • Pumps & Wells, IWS, Yorkton, | Feb 7, 2001 | 0.5 |
| • Filter Surveillance, AWI, Melfort | Apr 24-25, 2001 | 1.4 |
| • Iron & Manganese Removal, Moose Jaw | Sept 12, 2001 | 0.6 |
| SWWA Annual Conference, November, 2001 | | |
| • OH&S Supervision | Nov 1, 2001 | 0.3 |
| • Aquifer Protection and Management | Nov 1, 2001 | 0.3 |
| • Principles of Chlorination | Nov 1, 2001 | 0.3 |
| • Control of BioFouling BOD, BARTS and Well Rehabilitation | Nov 1, 2001 | 0.3 |
| • Safe Trenching | Nov 1, 2001 | 0.3 |
| • Filter Monitoring and Optimization | Nov 1, 2001 | 0.3 |
| SWWA Workshops, 2002 | | |
| • Mathematics, Prince Albert | Jan 16, 2002 | 0.5 |
| • Mathematics, Fort Qu'Appelle | Jan 17, 2002 | 0.5 |
| Sewage Pumps, ITT | | |
| • Kindersley | Mar 11-12, 2002 | 1.4 |
| • Prince Albert | Mar 14-15, 2002 | 1.4 |
| Basic Municipal Operations | | |

| | | |
|--|-----------------|-----|
| • Melfort | Mar 18-19, 2002 | 1.4 |
| • Swift Current | Mar 21-22, 2002 | 1.4 |
| Filtration Workshop, AWI | | |
| • Estevan | Apr 15-16, 2002 | 1.2 |
| • Saskatoon | Apr 18-19, 2002 | 1.2 |
| SWWA Annual Conference, Saskatoon, November 20, 2002 | | |
| • Confined Space Entry | | 0.3 |
| • Mechanical Water Meter O & M | | 0.3 |
| • SCADA for Dummies | | 0.3 |
| • Vacuum Excavation | | 0.3 |
| SWWA Workshops, 2003 | | |
| • Confined Spaces, Melville | Jan 21-22, 2003 | 1.6 |
| • Organics Control, North Battleford | Mar 12, 2003 | 0.8 |
| • Lagoon Maintenance, Wynyard | Apr 23, 2003 | 0.5 |
| • Valve & Hydrant O & M, Mueller, Humboldt | Apr 30, 2003 | 0.5 |
| • Water Regulations, Sask. Environment, Watrous | June 6, 2003 | 0.5 |
| SWWA Annual Conference, Saskatoon, November 2003 | | |
| • Math for Operators, Kelly Franks, ClearTech | | 0.3 |
| • WWT – Basics to Advanced, Doug Moisuk, Regina | | 0.3 |
| • Calibrating Test Equipment, Andre Lemoine, Hach | | 0.3 |
| • Filtration Systems – Then & Now, Dave Clark Consulting Inc | | 0.3 |
| • AWWA Teleconference: Utility Case Studies | Nov 6, 2003 | 0.3 |
| SWWA Workshops, 2004 | | |
| • Math for Operators, Sask. Environment: Meadow Lake | Jan 14, 2004 | 0.3 |
| Water Quality Emergency Planning, Sask. Environment- | | |
| • Melfort | Jan 28, 2004 | 0.3 |
| • Weyburn | Feb 4, 2004 | 0.3 |
| • Lagoon O & M, Sask. Environment: Swift Current | March 2004 | 0.3 |
| Calibrating Electronic Test Equipment, Clear Tech | | |
| • Indian Head | May 3, 2004 | 0.3 |
| • Shaunavon | May 6, 2004 | 0.3 |
| • Tisdale | May 11, 2004 | 0.3 |
| • North Battleford | May 13, 2004 | 0.3 |
| • Water/Wastewater Inspection Program, Environment, Kipling | June 11, 2004 | 0.3 |
| SWWA Annual Conference, Saskatoon, November 3, 2004 | | |
| • Water Meter Workshop, Spartan Controls | | 0.3 |
| • Water Distribution Maintenance, Turner Consulting | | 0.3 |
| • Organics in Surface Water, Buffalo Pound | | 0.6 |
| • AWWA Teleconference: “Sustainability” | | 0.3 |
| SWWA Workshops, 2005 | | |
| Chemical Solution Feed Pumps O & M, ClearTech | | |
| • Kindersley | Mar 16, 2005 | 0.3 |
| • Moosomin | Mar 23, 2005 | 0.3 |
| • Waterworks Systems Assessment, Environment: Assiniboia | June 3, 2005 | 0.5 |
| • Confined Space Entry, Kin-Kerr Services Ltd.: Saskatoon | Sept 28, 2005 | 0.6 |
| SWWA Annual Conference, Saskatoon, November 2, 2005 | | |
| • Media & Public Relations, Sask. Watershed Authority (SWA) | | 0.3 |
| • Programmable Logic Controllers, Delco Automation | | 0.3 |
| • Well O & M, PFRA, SWA, Grundfos Pumps | | 0.3 |
| • Filter Maintenance, Anthratch Western | | 0.3 |
| • AWWA Teleconference, “Shrinking Workforce” | | 0.3 |
| SWWA Workshops, 2006 | | |
| Jar Testing | | |

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| • North Battleford | Jan 23, 2006 | 0.5 |
| • Herbert | Jan 26, 2006 | 0.5 |
| Reservoir Maintenance | | |
| • Tisdale | Feb 14, 2006 | 0.6 |
| • Weyburn | Feb 21, 2006 | 0.6 |
| Distribution System O&M, AWWA Teleconference replay | | |
| • Prince Albert | Mar 21, 2006 | 0.3 |
| • Melville | Mar 29, 2006 | 0.3 |
| • UV Disinfection: Biggar | June 2, 2006 | 0.6 |
| SWWA Annual Conference, Saskatoon, November 1, 2006 | | |
| • Lift Station Pump Design | | 0.6 |
| • Maintaining the Performance of RO Systems | | 0.3 |
| • Principles of Chlorination | | 0.3 |
| • Watermain Distribution Maintenance, Keith Mayo, ATAP | | 0.3 |
| • Federal/Provincial Regulatory Framework | | 0.3 |
| • AWWA Teleconference – Fire Hydrants – O & M | | 0.3 |
| SWWA Workshops, 2007 | | |
| • Jar Testing, Kipling | Jan 17, 2007 | 0.5 |
| • Distribution System Repair, Rehab. & Replacement; AWWA Video Conference Shaunavon | Jan 24, 2007 | 0.3 |
| • Iron & Manganese Removal, Marcelin AWI | Feb 6, 2007 | 0.5 |
| • Membrane Filtration, Manitou Beach; Associated | Feb 28, 2007 | 0.5 |
| • Math for Operators, Yorkton, MR2 / ClearTech | Apr 18, 2007 | 0.5 |
| • Lagoon Operation & Maintenance; Nelson Env. Inc: Martensville | Apr 25, 2007 | 0.5 |
| • Sampling Techniques & Equipment Calibration; Hach Canada Moose Jaw | April 27, 2007 | 0.5 |
| • Leak Detection & Audit, Al Turner Consulting, Weyburn / Melville | May 7-9, 2007 | 0.5 |
| • Emergency Planning for Water & Wastewater, Nipawin | June 7, 2007 | 0.6 |
| SWWA Annual Conference, November 7-8, 2007 | | |
| • Water Efficiency from Planning to Implementation | | 0.3 |
| • The Safe Handling of Chlorine Gas | | 0.3 |
| • Small Waterworks Disinfection Contact Time | | 0.3 |
| • Management of Ground Water Sources | | 0.3 |
| • Watermain Swabbing | | 0.3 |
| • From Water Sampling to Report | | 0.3 |
| SWWA Workshops, 2008 | | |
| • Lagoon Operation and Maintenance | Mar 4,5,18, 2008 | 0.6 |
| • Water Conservation | Mar 27, 2008 | 0.6 |
| • Math for Operators | Mar 5, 6, 2008 | 0.5 |
| • Leak Detection & Audit, Al Turner Consulting Ltd. | May 6 & 8, 2008 June 4, 2008 | 0.5 0.5 |
| • Valve & Hydrant – Mueller | Apr 29, 2008 May 1, 2008 | 0.7 0.7 |
| • Filter Operation & Maintenance | Apr 30, 2008 May 14, 2008 | 0.6 0.6 |
| SWWA Annual Conference, November 5-6, 2008 | | |
| • Mechanical Pipe Restraint Design | | 0.3 |
| • Seals Are Not Just Furry Animals | | 0.3 |
| • Solar Hot Water Heating in Saskatchewan | | 0.3 |
| • It's Only Iron and Manganese – It Can be Treated | | 0.3 |
| • Do You Have a Pandemic Plan? | | 0.3 |
| • Working in Confined Spaces | | 0.3 |
| SWWA Workshops, 2009 | | |

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| • Jar Testing, Prince Albert | Feb 10,11, 2009 | 0.7 |
| • Jar Testing, Assiniboia | Feb 20, 2009 | 0.7 |
| • Valves, Meters & Piping Attachments – Mueller | May 6, 7, 2009 | 0.6 |
| Cylinder Mount Chlorinator Operation and Maintenance | | |
| • Melville | Mar 31, 2009 | 0.6 |
| • Watrous | Apr 7, 2009 | 0.6 |
| Lagoon Operation and Maintenance | | |
| • Rosetown | Mar 25, 2009 | 0.6 |
| • Langenburg | Apr 23, 2009 | 0.6 |
| • Aging Infrastructure, Prince Albert (Golf Tourney) | June 5, 2009 | 0.5 |
| • Lift Station Operation & Maintenance, Saskatoon | Apr 29, 2009 | 0.5 |
| SWWA Annual Conference, November 4-6, 2009 | | |
| • Hydrant Operation & Maintenance | | 0.3 |
| • True Grit – The Workshop | | 0.3 |
| • Exactly What is Free Chlorine? | | 0.3 |
| • Building Procedures with the SOP Toolkit | | 0.3 |
| • High Density Polyethylene (HDPE) Pipe Fusion | | 0.3 |
| • Asset Management | | 0.3 |
| SWWA Workshops, 2010 | | |
| • Chemical Solution Feed Pumps Workshop will be in Unity | | 0.3 |
| Hydrant Operation and Maintenance | | |
| • Yorkton | May 4, 2010 | 0.7 |
| • North Battleford | May 6, 2010 | 0.7 |
| Valves, Meters and Piping Attachments | | |
| • Humboldt | Apr 6, 2010 | 0.6 |
| • Moose Jaw | Apr 7, 2010 | 0.6 |
| • High Density Polyethylene (HDPE) Pipe Fusion, Theory & Practical | Feb 24, 2010 | 0.7 |
| • Extended – Saskatoon | | 0.8 |
| • Building Procedures with the SOP Tool Kit | Apr 14, 2010 | 0.6 |
| • Fire Hydrant and Valve Maintenance / Repair CLOW Canada Weyburn | June 16, 2010 | 0.6 |
| • Drinking Water Reservoir – Design, Operation and Maintenance, Saskatoon | May 19, 2010 | 0.5 |
| Municipal Wastewater Piping System Maintenance | | |
| • Outlook | May 11, 2010 | 0.4 |
| • Weyburn | May 12, 2010 | 0.4 |
| • Groundwater Issues in Saskatchewan, Swift Current | June 4, 2010 | 0.5 |
| SWWA Annual Conference, November 3-4, 2010 | | |
| • Couplings, Service Saddles, Tapping Sleeves and Repair Clamps, Saskatoon, SK | Nov 4, 2010 | 0.3 |
| • SCADA Solutions Enhance Productivity of Water Utilities | Nov 3, 2010 | 0.3 |
| • Fundamentals of Calibration and Certification of On Line and Lab Instruments in Water & Wastewater | Nov 4, 2010 | 0.3 |
| • Regulations, Permits to Operate & Operator Certification, Saskatoon SK – SMOE | Nov 4, 2010 | 0.3 |
| • Industrial Electrical Safety for Non-Electrical Workers | Nov 3, 2010 | 0.3 |
| • Blowers, Air Compressors and Air Dryers | Nov 4, 2010 | 0.3 |
| SWWA Workshops, 2011 | | |
| • Basic Science – AC Pipes Water Distribution Systems –Yorkton | Mar 29, 2011 | 0.6 |
| • Maintenance of Valves – Watrous | Apr 12, 2011 | 0.6 |
| • Solar Mount – Chlorine Safety - Wakaw | Apr 13, 2011 | 0.6 |
| • Cross Connection Control – Saskatoon | Apr 29, 2011 | 0.6 |
| • Lift Station Operation & Maintenance – Saskatoon | May 9, 2011 | 0.6 |
| Valves, Meters & Piping Attachments | | |

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| • Wynyard | May 10, 2011 | 0.6 |
| • Estevan | May 11, 2011 | 0.6 |
| • Disinfection and Chemical Pump, NB Grand Council | May 12&13, 2011 | 1.2 |
| • Intro to GPS – SWWA Golf Tournament – Yorkton, Cansel | June 2, 2011 | 0.6 |
| • Sampling Techniques & Analysis SWWA Golf Tourney Yorkton | June 2, 2011 | 0.6 |
| SWWA Annual Conference, November 16-18, 2011 | | |
| • Trenchless Technology – City of Edmonton | | 0.3 |
| • Introduction to Invasive Species | | 0.3 |
| • Conventional Treatment – Enviro Way | | 0.3 |
| • Source Water Protection in Canada | | 0.3 |
| • Optimizing Nutrient Removal Through Instrumentation | | 0.3 |
| • Drinking Water Management Systems | | 0.3 |
| • Pump Course – Anthony Cherwenuk | | 0.6 |
| • Take Control – Neptune Technology Group | | 0.3 |
| • Control Systems, PLC's and SCADA | | 0.6 |
| SWWA Workshops, 2012 | | |
| • Supervisory Training for the Water and Wastewater Industry | | 0.3 |
| • Chlorine Safety and Handling Seminar, ClearTech | | 0.6 |
| • RO Course, T. Helmink, M. Nelson | | 0.6 |
| SWWA Annual Conference, November 7-9, 2012 | | |
| • WS-1 Water Loss Reduction through Pressure Management | Singer Valve | 0.3 |
| • WS-2 Unidirectional Flushing | AquiData | 0.3 |
| • WS-3 Safety at the Workplace | WCB | 0.3 |
| • WS-4 Pump Maintenance | Xylem | 0.3 |
| • WS-5 Water Meter Management – Neptune Tech. | Bruce Keachie | 0.3 |
| • WS-6 Well Inspection, Operation & Maintenance, SWA | Nolan Shaheen | 0.3 |
| • WS-7 Walkerton Now – Bruce Davidson | | 0.2 |
| SWWA Workshops 2013 | | |
| • Sask Water Security Agency – 25 Yr Plan | May 31, 2013 | 0.3 |
| • Standard Operating Procedures – Dawn Dierker | May 31, 2013 | 0.6 |
| • OH&S Workplace Responsibility System & Info Sessions Kim Meyer | May 31, 2013 | 0.3 |
| SWWA Annual Conference, November 6-8, 2013 | | |
| • WS-1 Pump Efficiency – Testing & Analysis | AE | 0.3 |
| • WS-2 Advances in Headworks Technologies | Stantec | 0.3 |
| • WS-3 Development of Operation Maintenance Manuals & SOPs | ATAP | 0.3 |
| • WS-4 RO/NF Membrane | Avista | 0.3 |
| • WS-5 Flownet Meter Reading Technology | Corix | 0.3 |
| • WS-6 Do Disinfection By-Products in Drinking Water Cause Cancer in Humans | Hrudey | 0.3 |
| • WS-7 Effective Negotiation Skills | McDougall | 0.2 |
| SWWA Workshops 2014 | | |
| • Metering Pumps, Anderson Pump House | Mar 26, 2014 | 0.3 |
| • Maintenance & Troubleshooting for Sewage Pump Stations | Mar 26, 2014 | 0.3 |
| • Flushing out the Mysteries of Wastewater Treatment (Dierker) | May 29, 2014 | 0.6 |
| • Membrane Treatment Seminar | May 29, 2014 | 0.6 |
| SWWA Annual Conference, November 5-7, 2014 | | |
| 2014 SWWA Conference CEU (an operator may only receive either individual workshop certificates or the overall conference certificate, not a combination of both) | Nov 5-7, 2014 | 1.2 |
| • Disinfection By-Products (Hooge) | Nov 2014 | 0.3 |
| • What to Expect in State of Emergencies | Nov 2014 | 0.3 |
| • Process Control and SCADA Fundamentals | Nov 2014 | 0.3 |

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| • Removing Iron & Manganese The Process – The Media – The Maintenance | Nov 2014 | 0.3 |
| • Infrastructure Asset Management | Nov 2014 | 0.3 |
| • The Changing World of Emergency Planning | Nov 2014 | 0.2 |
| • Using Data Effectively on Report Graphing Benchmarking & Statistical Process Control w/Plant Operations Scott Dorner Hach | Nov 2014 | 0.3 |
| SWWA Workshops, 2015 | | |
| • Hydrant Operation and Maintenance – Don Webb Mueller | | 0.6 |
| • Control Systems, PLC's and SCADA; Bob Baumgartner SaskWater | | 0.6 |
| • Chlorine Safety and Handling Seminar; Cleartec | | 0.6 |
| • Sampling Techniques & Analysis; Dawn Dierker | | 0.6 |
| SWWA Annual Conference, November 4-6, 2015 | | |
| 2015 SWWA Conference CEU (an operator may only receive either individual workshops certificates or the overall conference certificate, not a combination of both) | Nov 4-6, 2015 | 1.2 |
| • Distribution Operation Maintenance | Nov 2015 | 0.3 |
| • Building & Maintaining a Resilient Smart Grid Systems, Meters, Maintenance & Technology | Nov 2015 | 0.3 |
| • Lagoons | Nov 2015 | 0.3 |
| • Proper Hydrant Inspection | Nov 2015 | 0.3 |
| • Nutrient Removal: What this Means for Your Community Under New Regulations | Nov 2015 | 0.3 |
| • Remote Monitoring and Reduced Visits | Nov 2015 | 0.3 |
| • 7.5 Things That We Can Do to Save Lives and Bring Value to an Organization | Nov 2015 | 0.3 |
| SWWA Annual Conference, November 2-4, 2016 | | |
| 2016 SWWA Conference CEU (an operator may only receive either individual workshops certificates or the overall conference certificate, not a combination of both) | Nov 2-4 2016 | 1.2 |
| • The Power of Building and Operating a Resilient Smart Grid System: Meters, Maintenance & Analytics | Nov 2016 | 0.3 |
| • Cold Climate Nitrification, Removing Ammonia from Frigid Lagoons | Nov 2016 | 0.3 |
| • Small Wastewater Systems | Nov 2016 | 0.3 |
| • Cold Climate Lagoons – Removing Ammonia, Phosphorous & Nitrogen | Nov 2016 | 0.3 |
| • CIPP Pressure Pipe Seminar | Nov 2016 | 0.3 |
| • Treated Water – to the distribution system & beyond | Nov 2016 | 0.3 |
| • Working Together From Start to | Nov 2016 | 0.3 |
| • Unidirectional Flushing | Nov 2016 | 0.3 |
| SWWA Workshops, 2017 | | |
| • Are You Prepared? Emergency Response Planning, Certification & WSA Updates – Saskatoon – A. Raghu & K. Neuert, WSA | Mar 22, 2017 | 0.6 |
| • Asset Management – Saskatoon | Mar 9, 2017 | 0.6 |
| • Service Line Applications & Tapping – Estevan & Saskatoon – D. Webb – Mueller | Apr 25-26, 2017 | 0.6 |
| • Water Meters, Valves and Pipe Repair and Protection – North Battleford & Swift Current – A. McGregor – Neptune Technologies | Mar 27-28, 2017 | 0.6 |
| SWWA Annual Conference, November 1-2, 2017 | | |

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| 2017 SWWA Conference CEU (an operator may only receive either individual workshops certificates or the overall conference certificate, not a combination of both) | Nov 1-2, 2017 | 1.2 |
| • Asset Management | Nov 1, 2017 | 0.3 |
| • Positive Displacement and Centrifugal Pumps (WS2) | Nov 1, 2017 | 0.3 |
| • Determining the Right Automated Reading System | Nov 1, 2017 | 0.3 |
| • Water Supply Crisis-How we treated water from 4 different sources in 10 days to keep the taps running | Nov 2, 2017 | 0.3 |
| • Applications and Case Studies of Membrane Systems for Water Treatment | Nov 2, 2017 | 0.3 |
| • Nothing is Out of Reach: Advanced Metering Reading | Nov 2, 2017 | 0.3 |
| • Walkerton Now | Nov 2, 2017 | 0.3 |
| • Courage Inside Fire, Darby Allen's Story of Trust, Teamwork and Leadership | Nov 2, 2017 | 0.1 |
| • Hydrant Operation & Maintenance | April 24&26, 2018 | 0.6 |
| • Membrane Technology | May 2, 2018 | 0.7 |
| SWWA Annual Conference, November 7-8, 2018 | | |
| 2018 SWWA Conference CEU (an operator may only receive either individual workshops certificates or the overall conference certificate, not a combination of both) | Nov 7-8, 2018 | 1.2 |
| • Squamish WWTP Automation Upgrade | Nov 7, 2018 | 0.1 |
| • PipePatch Trenchless Point Repair | Nov 7, 2018 | 0.1 |
| • Gas Detection Safety in the Water and Wastewater Industry | Nov 7, 2018 | 0.1 |
| • Replace your old Traditional air/vac release valves | Nov 7, 2018 | 0.1 |
| • MIEX Anion Exchange | Nov 7, 2018 | 0.1 |
| • Membrane Technology Overview | Nov 7, 2018 | 0.1 |
| • Woodlot Eff Investigation | Nov 7, 2018 | 0.1 |
| • You Found What in My Water? | Nov 7, 2018 | 0.1 |
| • Innovative Solutions for Lagoons and Mechanical Plants | Nov 7, 2018 | 0.1 |
| • Chemical Feed & Instrumentation | Nov 7, 2018 | 0.3 |
| • The Significance of a Hydrant and Valve | Nov 7, 2018 | 0.3 |
| • Validation of Water & Wastewater Quality Measurements | Nov 7, 2018 | 0.3 |
| • Fundamentals of Pumping | Nov 8, 2018 | 0.3 |
| • Survey of Meter & Meter Reading | Nov 8, 2018 | 0.3 |
| • Iron and Manganese Removal | Nov 8, 2018 | 0.3 |
| • Legalities of Public Officials | Nov 8, 2018 | 0.3 |
| • Blue is the New Green | Nov 8, 2018 | 0.3 |
| • Creating a culture of high productivity in your organization | Nov 9, 2018 | 0.3 |
| • Pump and System Hydraulics | | 0.6 |
| • Water Sampling & Analysis | | 0.6 |
| • Multiple Pathways to Resiliency | | 0.3 |
| SWWA Annual Conference, November 6-8, 2019 | | |
| 2019 SWWA Conference CEU (an operator may only receive either individual workshops certificates or the overall conference certificate, not a combination of both) | Nov 6-8, 2019 | 1.2 |
| • Take a Little More Off the Top:How to Optimize Your Plant | Nov 6-8, 2019 | 0.1 |
| • HydroVac | Nov 6-8, 2019 | 0.1 |
| • Smart Cities Smart Water How Lot Devices are Transforming the | Nov 6-8, 2019 | 0.1 |
| • Plant Performance Improvements at Town of Gravelbourg | Nov 6-8, 2019 | 0.1 |
| • What's Going on in your System? | Nov 6-8, 2019 | 0.1 |
| • I Zinc we had a Toxic Event | Nov 6-8, 2019 | 0.1 |

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| • Piloting of Ceramic Filter Media vs Sand/Anthracite...Basins | Nov 6-8, 2019 | 0.1 |
| • Which Pipe First? | Nov 6-8, 2019 | 0.1 |
| • Biological Treatment of Drinking Water for Village of Mankota | Nov 6-8, 2019 | 0.1 |
| • SCADA: The Industrial Technology Revolution | Nov 6-8, 2019 | 0.3 |
| • Granular Media Filtration is a Batch Process | Nov 6-8, 2019 | 0.3 |
| • Transient and Surge Related Pipe Bursts | Nov 6-8, 2019 | 0.3 |
| • Distribution Maintenance | Nov 6-8, 2019 | 0.3 |
| • Achieving Safety, Performance Optimization and Overviewed | Nov 6-8, 2019 | 0.3 |
| • Multiple Ways of Resiliency | Nov 6-8, 2019 | 0.3 |
| • Safety Culture | Nov 6-8, 2019 | 0.3 |
| • Water Loss & Leak Detection 101 – Online | | 0.3 |
| • Red Cross Psychological First Aid | | 0.3 |
| • Webinar #1 Supervision Principles | Nov 24&25 2020 | 0.3 |
| • Webinar #2 Management & Development Workforce | Dec 1 & 2 2020 | 0.3 |
| • Webinar #3 Employee Relations | Dec 8 & 9 2020 | 0.3 |
| • Webinar #4 Change Management & Change Leadership | Dec 15&16 2020 | 0.3 |
| • Hydrant Valve and Service Brass Training | Oct 21, 2020 | 0.3 |
| • Mueller Water System Products | Oct 21, 2020 | 0.3 |
| • Pumps & Hydraulics | Online | 0.3 |
| • Filtrate – Expanded Clay Media | Webinar | 0.3 |
| • WSA Workshop | Webinar | 0.4 |

SaskPower Corporation

<http://www.saskpower.com/>

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| • Confined Space Entry & Basic Rescue, Refresher Course | Mar 13, 2007 | 0.7 |
| • Management Essentials Program – Supervisor | | 3.0 |

SaskWater Corporation

<http://www.saskwater.com/>

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| • Industrial Electrical Safety for Non-Electrical Workers – Magna Electric Corp | Feb 25, 2010 Feb 18, 2011 | 0.6 |
| • Chlorine Analyzers Troubleshooting – Metcon | Apr 14&15, 2011 | 0.7 |
| • Crucial Conversations | Dec 5-6, 2017 | 1.4 |
| • Supervisor Drug & Alcohol Awareness Training (Non-DOT) | | 0.2 |

Sharalife First Aid Inc (Canadian Red Cross)

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| • Emergency Medical Responder Instructor Co-Teach | | 4.0 |
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Shermco Industries Canada Inc.

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| • Electrical Safety for Non-Electrical Workers | various | 0.6 |
| • Arc Flash Protection & Electrical Systems Safety: Qualified Electrical Worker Training | various | 1.4 |

St. John Ambulance Saskatchewan Council

<http://www.sja.ca/saskatchewan/Pages/default.aspx>

| Occupational Health and Safety (OH&S) Courses | | |
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| • Standard First Aid (includes CPR-A and AED) | | 1.6 |
| • Standard First Aid with a CPR-B | | 1.7 |
| • Standard First Aid with a CPR-C | | 1.8 |
| • Medical First Responder I (also run as Intermediate First Aid in the mines) | | 4.0 |
| • Medical First Responder II (Equivalent to OHS B certificate) | | 8.0 |
| • Emergency Medical Responder | | 9.6 |
| • Standard First Aid/CPR Recertification | Red Cross | 0.8 |
| • Emergency First Aid | | 0.8 |
| • CPR A | | 0.4 |
| • CPR B | | 0.5 |
| • CPR C | | 0.6 |

Southeast College

<http://www.southeastcollege.org>

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| • PME – Forklift | | 0.7 |
| • H2S Alive – Enform | | 0.6 |
| • Confined Space | | 0.6 |
| • Fall Arrest | | 0.4 |
| • Municipal Management Essentials – Supervisory Skills | | 1.3 |
| • Municipal Management Essentials – Problem Solving & Decision Making | | 1.3 |
| • Municipal Management Essentials – Negotiation Skills | | 1.3 |
| • Municipal Management Essentials – Customer Relations | | 1.3 |
| • Municipal Management Essentials – Time Management & Organizational Skills | | 0.7 |
| • Municipal Management Essentials – Being a Safety Leader | | 1.3 |
| • Rigger / Signal Person | | 0.7 |
| • Ground Disturbance for Supervisors and Workers | | 0.7 |
| • Confined Space | | 0.6 |
| • Leadership and Influence | | 0.5 |
| • Meeting Management | | 0.5 |
| • Supervising Others | | 0.5 |

SUFFA CISM / SASK EMFS / SAFC

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| • Group Crisis Intervention | Mar 19-20, 2016 | 1.4 |
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Tagwood Enterprizes Ltd.

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| • Mobile Equipment Training | May 22, 2015 | 0.7 |
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Team Power Solutions

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| • Electrical Awareness Safety for Non-Electrical Workers in Sask | | 0.5 |
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Technical Training

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| • Water Innovation and Knowledge Transfer Conference | Nov 5, 2020 | 0.3 |
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The PM Connection

www.thepmconnection.com

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| • Project Management Training Exam Prep Class | | 2.3 |
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ThinkReliability

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| • Cause Mapping Root Cause Analysis (Online Workshop) | | 0.9 |
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Thompson Rivers University

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| • XWTP 0010 Water Supply Hydrology | | 3.0 |
| • XWTP 0020 Ground and Surface Sources | | 3.0 |
| • XWTP 0030 Water Supply Protection | | 3.0 |
| • XWTP 0050 Small Water System Operations | | 3.0 |
| • XWTP 0060 Basic Principles of Sedimentation and Filtration | | 3.0 |
| • XWTP 0070 Basic Principles of Disinfection and Water Storage | | 3.0 |
| • XWTP 0090 Applied Operation Math | | 3.0 |
| • XWTP 0100 Basic Hydraulics | | 3.0 |
| • XWTP 0110 Basic Water Chemistry | | 3.0 |
| • XWTP 0130 Pipes, Valves and Fittings | | 3.0 |
| • XWTP 0140 Basic Principles of Pumps | | 3.0 |
| • XWTP 0150 Cross Connection Control | | 3.0 |
| • XWTP 0170 Environmental Legislation | | 3.0 |
| • XWTP 0180 Occupational Health and Safety | | 3.0 |
| • XWTP 0190 Communications | | 3.0 |
| • XWTP 0200 Watersafe BC | | 0.6 |
| • XWTP 0210 Electrical Principles | | 3.0 |
| • XWTP 0220 Testing Electrical Circuits and Safe Work Practices | | 3.0 |
| • XWTP 0230 Basics of Electrical Motors and Motor Control | | 3.0 |
| • XWTP 0250 Instrumentation Principles | | 3.0 |
| • XWTP 0260 Process Measurement | | 3.0 |
| • XWTP 0270 Final Control Elements | | 3.0 |
| • XWTP 0290 Treatment Process Pathway | | 3.0 |
| • XWTP 0300 Secondary Process Equipment | | 3.0 |
| • XWTP 0310 Municipal Water & Wastewater Pumping | | 3.0 |
| • XWTP 0330 Coagulation | | 3.0 |
| • XWTP 0340 pH Control and Water Softening | | 3.0 |
| • XWTP 0350 Oxidation Reactions | | 3.0 |
| • XWTP 0450 Advanced Motor Control and Basic Digital Techniques | | 3.0 |
| • XWTP 0460 Basic Electronic Devices and Speed Drives | | 3.0 |
| • XWTP 0470 Basic of Programmable Logic Controllers | | 3.0 |
| • XWTP 0490 Introduction to Water Chemistry | | 3.0 |
| • XWTP 0500 Inorganic Species in Water | | 3.0 |
| • XWTP 0510 Organic Species in Water | | 3.0 |

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| • XWTP 0530 Advanced Coagulation and Emerging Technologies | | 3.0 |
| • XWTP 0540 Dissolved Air Floatation and Jar Testing Procedures | | 3.0 |
| • XWTP 0550 Clarifiers | | 3.0 |
| • XWTP 0570 The History, Mechanisms, and Classifications of Filters | | 3.0 |
| • XWTP 0580 Slow and Rapid Sand Filtration | | 3.0 |
| • XWTP 0590 Membrane and Alternative Filtration Techniques | | 3.0 |
| • XWTP 0610 Basic Principles of Disinfection | | 3.0 |
| • XWTP 0620 Standard Disinfection Practices | | 3.0 |
| • XWTP 0630 Advanced Disinfection and Fluoridation Practices | | 3.0 |
| • XWTP 0690 Introduction to Microbiology and Toxicology | | 3.0 |
| • XWTP 0700 Microbiology | | 3.0 |
| • XWTP 0710 Toxicology | | 3.0 |
| • XWTP 0780 Advanced Programmable Logic Controllers | | 3.0 |
| • XWTP 0790 Industrial Communications and SCADA Systems | | 3.0 |
| • XWTP 0810 People Management | | 3.0 |
| • XWTP 0820 Asset and Operations Management | | 3.0 |
| • XWTP 0830 Financial Management | | 3.0 |
| • XWTP 0900 Small Wastewater Operation Systems | | 3.0 |
| • XWTP 0910 Wastewater Characteristics & Sources | | 3.0 |
| • XWTP 0912 Industrial Wastewater Characteristics & Regulations | | 3.0 |
| • XWTP 0920 Wastewater Collections & Pumping Systems | | 3.0 |
| • XWTP 0922 Groundwater Pumps | | 3.0 |
| • XWTP 0924 Water Distribution Systems | | 3.0 |
| • XWTP 0930 Levels of Treatment in Wastewater | | 3.0 |
| • XWTP 0940 Methods of Wastewater Treatment | | 3.0 |
| • XWTP 0942 Energy Efficiency in Water & Wastewater Treatment Facilities | | 3.0 |
| • XWTP 0950 Laboratory Principles of Wastewater | | 3.0 |
| • XWTP 0960 Secondary Wastewater Treatment | | 3.0 |
| • XWTP 0970 Advanced Wastewater Treatment | | 3.0 |
| • XWTP 0980 Wastewater Residuals | | 3.0 |
| • XWTP 0990 Industrial Wastewater Treatment | | 3.0 |
| • XWTP 0010 Water Supply Hydrology | | 3.0 |

Touchwood Agency Tribal Council and Indigenous and Northern Affairs Canada

| | | |
|--|--|-----|
| • The Chemistry, Biology and Physics of Water Treatment: Navigating Poor Quality Source Waters | | 1.3 |
|--|--|-----|

Trans Industrial Safety Training

<http://www.transindustrial.ca/>

| | | |
|---------------------------|--|-----|
| • Confined Space Training | | 0.8 |
|---------------------------|--|-----|

Trans-Care Rescue Ltd.

| | | |
|--|------------------|-----|
| • Confined Space Entry – Awareness Level | | 0.6 |
| • Basic Fire Fighting Techniques | June 27,28, 2015 | 1.4 |

Trihedral Engineering Ltd.

<http://www.trihedral.com/>

| | | |
|---|--|-----|
| • Making Best Operational Use of SCADA HMI Software | | 0.4 |
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Trinity Safety & Training

<http://www.trinitysafety.ca/>

| | | |
|---|--|-----|
| • Confined Space Awareness and Entry Training | | 0.7 |
| • Workplace Hazardous Material Information System (WHMIS) | | 0.3 |
| • H2S Alive | | 0.7 |
| • Transportation of Dangerous Goods (TGD) Training | | 0.3 |
| • Standard First Aid/CPR Training | | 1.4 |
| • Fire Safety – Extinguisher Training Program | | 0.3 |
| • Ground Disturbance Level II | | 0.7 |
| • Worker Fall Protection Training | | 0.7 |
| • Powered Mobile Equipment | | 0.7 |

University of Alberta

| | | |
|--------------------------------|--|-----|
| • Municipal Project Management | | 3.2 |
|--------------------------------|--|-----|

University of Regina

| | | |
|---|--------|------|
| • Stakeholder, Resource and Communications Management | online | 1.15 |
|---|--------|------|

Urban Municipal Administrators Association of Saskatchewan (UMAAS)

<http://www.umaas.ca/>

| | | |
|---|--|-----|
| • Responsibilities of Municipal Authorities | | 0.3 |
|---|--|-----|

Vamp Oilfield Services Inc.

<http://vampoilfieldservices.ca/>

| Course Name | | CEU |
|------------------------------------|---------|-----|
| • Confined Space Awareness | various | 0.6 |
| • Red Cross Standard First Aid | various | 1.6 |
| • Respiratory Protection Awareness | various | 0.7 |
| • Fall Protection Awareness | various | 0.7 |

Vector Solutions / Red Vector

www.vectorsolutions.com

| | | |
|---|--|-----|
| • Water Treatment; Water for Plant Systems Part 1 and 2 | | 0.4 |
|---|--|-----|

Victory Safety and Training

<http://victorysafety.ca/>

| | | |
|---|---------|-----|
| • WHMIS | various | 0.3 |
| • Confined Space Entry | various | 0.6 |
| • Ground Disturbance | various | 0.6 |
| • Transportation of Dangerous Goods (TDG) | various | 0.3 |
| • Fall Protection | various | 0.6 |

The WaterReuse Association

www.readytalk.com www.wateruse.org

| | | |
|---|--|-----|
| • Operating a DPR Plant – Integrating the Critical Control | | 0.1 |
| • How Prevalent is Legionella in Recycled Water? | | 0.1 |
| • How Do You Maintain Chlorine Residuals in Recycled Water? | | 0.1 |
| • California and Beyond-Next Steps in Advancing Potable Reuse | | 0.1 |
| • Multipurpose Water Reuse in the Power Sector | | 0.1 |
| • State of Agricultural Water Reuse: Impediments and Incentives | | 0.1 |
| • Reuse Water in Agriculture, Policy and Implementation | | 0.1 |
| • Potable Reuse for Inland Locations: Pilot Testing Results for a New Potable Reuse Treatment Scheme | | 0.1 |
| • Recent Findings on Developing Public Health Guidance for Decentralized Non-Potable Water Systems | | 0.1 |
| • Treatment Wetlands – Facilitating the Beneficial Use of Reuse | | 0.1 |
| • Strategies to Mitigate Post Treatment Challenges in Potable Reuse Systems | | 0.1 |
| • Enhanced Source Control for Direct Potable Reuse | | 0.1 |
| • Membranes 101: The Basics and Beyond | | 0.1 |
| • Integrating Mgmt of Sensor Data for Real Time Decision Making and Response System | | 0.1 |
| • Innovative Strategies for Municipal Water Reuse | | 0.1 |
| • Bioanalytical Screening Tools-An emerging technology to access complex mixtures in aquatic environments | | 0.1 |
| • Selecting the Best Technology for Water Reuse-Overview of the MBR Process | | 0.1 |
| • Where Are The Best Opportunities in Industrial Reuse? | | 0.1 |
| • Community Engagement for Potable Reuse Success | | 0.1 |
| • Using Onsite Water Recycling Systems to Transform | | 0.1 |
| • Water Recycling and Wet Weather Management | | 0.1 |
| • Triple Bottom Line Water Supply Planning at Your Fingertips: A Framework and Tool for Comprehensive Comparisons | | 0.1 |
| • Building Community Confidence in Potable Reuse Through Stronger Risk Analysis | | 0.1 |

Water Environment Federation

<http://www.wef.org/>

| | | |
|---|-------------|-----|
| • Fat, Oil and Grease (FOG) Management Workshop | Mar 8, 2010 | 0.7 |
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Water Security Agency (WSA)

<https://www.wsask.ca>

| | | |
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| • Safety 101–Understanding Your Legal Responsibilities in OH&S | Apr 24, 2018 | 0.7 |
|--|--------------|-----|

WesTech Engineering

<http://www.westech-inc.com/>

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|-----------------------------------|--|-----|
| • Ultrafiltration System Training | | 1.0 |
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Western Canada Water (WCW)

<http://www.wcwwa.ca/>

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|--|-----------------|-----|
| WCWWA Annual Conference | | |
| Pre-Conference Workshops, Saskatoon | Oct 16, 2005 | |
| • Filter Surveillance, AWI (Operations) | | 0.7 |
| • Combined Sewer/Storm Sewer Overflows (Technical) | | 0.6 |
| • Micro-Biology (Technical) | | 0.6 |
| WCWWA – AWWA Section / SIAST | Feb 18, 2005 | 3.5 |
| • Cross Connection Control Specialist | March 2005 | 1.0 |
| • Cross Connection Control – Recertification | | |
| Western Canada Section AWWA: SIAST / Kelsey Campus / Other | | 2.8 |
| • Cross Connection Control Specialist | | 0.6 |
| • Cross Connection Control Awareness | | |
| • Challenges in Monitoring Water Quality in the Distribution System, Edmonton, AB | Oct 23, 2007 | 0.5 |
| • Coagulation & Flocculation Theory / High Rate Clarification Techniques, Winnipeg, MB | Sept 24, 2006 | 0.6 |
| WCWWA Workshops, 2008 | | |
| • Source Water Protection Specialty, Edmonton AB | Oct. 15,16, '08 | 1.2 |
| • Source Control – Best Practices, Edmonton, AB | Nov. 19, 2008 | 0.5 |
| • Micro- & Ultra-Filtration Membrane Tech | TBA | 1.5 |
| • Disinfection: Know Your Enemy and Your Weapons, Calgary | Feb. 5, 2008 | 0.5 |
| WCWWA Annual Conference September 23, 2008, Regina, SK | | |
| • Planning for the Pandemic | | 0.3 |
| • Asset Management – A Prerequisite for Infrastructure Stability | | 0.3 |
| • Cross Connection Control | | 0.3 |
| • Emerging Contaminants – Issues for Water Supply & Treatment | | 0.3 |
| WCWWA Workshops, 2009 | | |
| • Small System Nutrient Removal, Winnipeg MB | Jan 15,16,2009 | 1.0 |
| • Odour control in Wastewater Systems, Red Deer Lodge | Jan 28, 2009 | 0.5 |
| WCW Annual Conference, Winnipeg, MB, September 2009 | | |
| • Where Has All Our Water Gone, Al Turner Consulting | | 0.3 |
| • Understanding Contaminants of Emerging Concern | | 0.3 |
| • Greenhouse Gases and Carbon Footprinting | | 0.3 |
| • Utility Management Workshop | | 0.6 |
| • Assessing & Addressing Challenging Hydraulic Issue in Wastewater | | 0.3 |

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| • The Future Art of Stormwater | | 0.5 |
| WCWWA Workshops, 2010 | | |
| • Membrane Technologies for Water Treatment, Saskatoon | Jan 26, 2010 | 0.5 |
| • Wastewater Pumping Station and Force-main Systems Design, Operation and Maintenance, Winnipeg, MB | Jan 21 & 22, 2010 | 1.2 |
| WCW Conference Calgary, AB, September 21 – 24, 2010 | | |
| • Small System Nutrient Removal – Saskatoon | Apr 15&16, 2010 | 1.2 |
| • Membrane Technologies for Water & Wastewater Treatment | | 0.6 |
| • On-Site Hypochlorite Generation as a Chemical Disinfection Alternative – Red Deer Lodge, Red Deer, AB | June 8, 2010 | 0.6 |
| • Tertiary Filtration Workshop | | 0.3 |
| • SCADA Fundamentals | | 0.3 |
| • River Health (Wastewater Effluent – Bow River) | | 0.3 |
| • Regional Water Systems – Design and Operation Basics | | 0.3 |
| • Linking Investment to Service Levels – Application of Asset Management Planning | | 0.3 |
| • Watershed and Stormwater Management | | 0.3 |
| • Cross Connection Control Trough Awareness & Backflow Prevention Workshop | | 0.3 |
| • Project Management for Young Professionals | | 0.3 |
| WCW Workshops, 2011 | | |
| • Source Control – Best Practices, Saskatoon | Jan 25, 2011 | 0.6 |
| • Problem Solving Water & Wastewater Infrastructures – Edmonton | Apr 19, 2011 | 0.5 |
| • Disinfection By-Products, Saskatoon | May 18, 2011 | 0.6 |
| • AWWA Web Workshop – Pump Operations and Maintenance | various | 0.4 |
| WCW Conference Workshops, 2011 | | |
| • W1 – Asset Management Workshop | Sep 21-23, 2011 | 0.3 |
| • W2 – Reservoir Water Quality Management | Sep 21-23, 2011 | 0.3 |
| • W3 – Source Water Protection | Sep 21-23, 2011 | 0.3 |
| • W4 – Project Management | Sep 21-23, 2011 | 0.3 |
| • W5 – Watermain Relining | Sep 21-23, 2011 | 0.3 |
| • W6 – Contract Law for Engineers | Sep 21-23, 2011 | 0.3 |
| • Laboratory Analysis and Compliance Monitoring, Red Deer, AB | Nov. 8, 2011 | 0.5 |
| • Issues/Trends in Industrial Wastewater Treatment, Without Tour | | 0.8 |
| • With Tour – Winnipeg, MB | Feb. 7-8, 2012 | 1.0 |
| WCW Workshops, 2012 | | |
| • Disinfection Workshop | | 0.6 |
| • Well Maintenance Workshop – Regina | June 19, 2012 | 0.6 |
| • Municipal Water Reuse – Challenges and Opportunity | | 0.6 |
| WCW Conference Workshops, 2012 | | |
| • Water Conservation Guidelines, J. Fisher & A. Turner | Sep 19-21, 2012 | 0.3 |
| • Water Reuse in Western Canada, E. Murphy, CH2M Hill | Sep 19-21, 2012 | 0.3 |
| • Leadership in Project Management, T. Carson & Associates Ltd. | Sep 19-21, 2012 | 0.3 |
| • Conventional Water Treatment, E. Murphy, CH2M Hill | Sep 19-21, 2012 | 0.3 |
| • Introduction to Social Media, R. Miranda, Digital Relay Inc. | Sep 19-21, 2012 | 0.3 |
| WCW Workshops, 2013 | | |
| • Membrane Theory & Maintenance, Saskatoon | Jan 17, 2013 | 0.6 |
| • Effective Operations of Water & Wastewater Systems, Regina | Mar 6, 2013 | 0.4 |
| • Water Treatment Disinfection Workshop, Saskatoon | Oct 2, 2013 | 0.6 |
| • Asset Management & Alternative Project Delivery for Water & Wastewater Systems | Nov 2013 | 0.6 |
| WCW Conference Workshops, 2013 | | |

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| • Leadership Concerns Workshop (LeLacheur) | Sep 2013 | 0.3 |
| • Drinking Water Safety Plan Information Session (Beier) | Sep 2013 | 0.3 |
| • Biosolids Management: Understanding Requirements and Options (Mumby) | Sep 2013 | 0.3 |
| • Green Building: Clear Savings Potential (Hawkesworth) | Sep 2013 | 0.3 |
| • Managing Greenhouse Gas In Wastewater Treatment Plants(Yan) | Sep 2013 | 0.3 |
| • Source Control Strategies That Work (Johnston, Hunter) | Sep 2013 | 0.3 |
| WCW Workshops, 2014 | | |
| • Municipal Wastewater: Basics, Treatment, Regulations & Case Studies | May 2014 | 0.6 |
| • Surface Water Treatment Workshop | Feb 2014 | 0.6 |
| • Small System Nutrient Removal Seminar | Sep. 9/14 | 0.7 |
| • Surface Water Quality and Watershed Protection | Nov 2014 | 0.5 |
| WCW Conference Workshops, 2014 | | |
| • Disinfection of Drinking Water | Sept 2014 | 0.7 |
| • Biological Nutrient Removal (BNR) | Sept 2014 | 0.3 |
| • Municipal Wastewater-Federal Regulations and Toxicity Testing | Sept 2014 | 0.3 |
| • Building a Robust Capital Investment Plan | Sept 2014 | 0.3 |
| WCW Workshops, 2015 | | |
| • Asset Management Workshop | Mar 2015 | 0.7 |
| • Sewage Lagoon Treatment for Wastewater | May 14, 2015 | 0.5 |
| WCW Conference Workshops, 2016 | | |
| • Process Modeling Techniques for Optimizing Wastewater Treatment Plant Performance | Oct 4, 2016 | 0.6 |
| • Increasing Communication and Collaboration Effectiveness: Bridging the Gap Between Engineers and Operators | Oct 4, 2016 | 0.3 |
| • Small Water/Wastewater Treatment Systems – Design and Operational Challenges | Oct 4, 2016 | 0.3 |
| • Variable Speed Pumping: Better than Constant Speed Pumping? | Oct 4, 2016 | 0.3 |
| • Nutrient Recovery – Productive Solution of a Common Problem | Oct 4, 2016 | 0.3 |
| • Chemical Feed – Practical Applications | Oct 4, 2016 | 0.3 |
| • W1 – Where Has All Our Water Gone? Part 2 | Sept 15-18 2015 | 0.3 |
| • W2 – Biosolids | Sept 15-18 2015 | 0.3 |
| • W3 – Membrane Optimization | Sept 15-18 2015 | 0.3 |
| • W4 – Pumps & Force Mains | Sept 15-18 2015 | 0.3 |
| • W5 – Public Consultation Process | Sept 15-18 2015 | 0.3 |
| • W6 – Chemical Feed Pump Systems | Sept 15-18 2015 | 0.3 |
| • Disinfection By Product Management | Mar 2, 2016 | 0.7 |
| • Automatic Metering Systems | Apr 20 2016 | 0.7 |
| • Canadian Biosolids and Residuals Conference 2016 | May 18 -19 2016 | 0.9 |
| • Wastewater Management Seminar & Tradeshow | Sept 21 2016 | 0.7 |
| • Training or Tragedy: The Importance of Operator Training | June 20, 2017 | 0.7 |
| WCW Conference Workshops, 2017 | | |
| • Leadership: It Starts with the Leader | Sep 18-22, 2017 | 0.3 |
| WCW Conference Workshops, 2018 | | |
| • Drone Technology | Sept 18, 2018 | 0.3 |
| • Fundamentals of Contract Law and Administration | Sept 18, 2018 | 0.3 |
| • Odour Control | Sept 18, 2018 | 0.3 |
| • Sewer Inspection And Asset Management Principles | Sept 18, 2018 | 0.3 |
| • Well Development and Operations | Sept 18, 2018 | 0.3 |
| WCW General Seminars | | |

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| • Disinfection By-Products, Calgary, Alberta | Nov 9, 2010 | 0.6 |
| • Disinfection of Pipelines and Storage Facilities, AWWA | various | 0.3 |
| • Advanced Filter Optimization and Surveillance | Sept 19, 2017 | 0.6 |
| • Automatic Metering Systems | Sept 19, 2017 | 0.4 |
| • Lift Station Pumping Essentials | Sept 19, 2017 | 0.3 |
| • Communication & Conflict | | 0.7 |
| • Optimizing Municipal Lagoons | | 0.5 |
| • Source Water Protection (Webinar Series) | | 0.3 |
| • Your Lead Sampling Program (Webinar Series) | | 0.3 |
| • Change Management & Change Leadership (Webinar Series) | | 0.3 |
| • Dealing with Customer Complaints (Webinar Series) | | 0.3 |
| • Art of Collaboration | online | 0.3 |
| • Emergency Preparedness & Response | | 0.3 |

Western Trade Training Institute (WTTI)

<http://www.wttionline.ca/>

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|------------------------|---------|-----|
| • Hoisting and Rigging | various | 0.7 |
|------------------------|---------|-----|

Worksafe Saskatchewan

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|---|--------|-----|
| • Workplace Incident Investigation Course (Worksafe Sask) | online | 0.3 |
| • Workplace Inspection Training (Worksafe Sask) | online | 0.3 |
| • WHMIS 2015 | | 0.4 |
| • Level 1 OHC Training | | 1.4 |
| • Level 2 OHC Training | | 0.7 |

Worksite Safety Compliance Centre

<http://worksitesafety.ca/>

| | | |
|--|--------|-----|
| • WHMIS | online | 0.3 |
| • Hydrogen Sulphide Safety | | 0.3 |
| • Fire Safety and Extinguishers (online) | | 0.2 |

World Water & Wastewater Solutions Ltd.

<http://www.owotc.com/>

| Water Treatment | Course ID | |
|---|-----------|-----|
| • Anhydrous Ammonia Safety | WT-25-CT | 0.3 |
| • Chemical Safety | WT-26-CT | 0.6 |
| • Chloramination | WT-24-CT | 0.6 |
| • Chlorine Emergency Repair Kit | WT-28-CT | 0.3 |
| • Chlorination and Disinfection Refresher | WT-26-CT | 0.6 |
| • Chlorine Residual Testing | WT-24-CT | 0.6 |
| • Gas Chlorination Safety | WT-28-CT | 0.3 |

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| • Gas Chlorination and Disinfection | WT-23-CT | 2.7 |
| • Groundwater Treatment and Water Quality | WT-55-CT | 0.6 |
| • Hydrogen Sulphide Awareness | WT-29-CT | 0.3 |
| • Hypochlorination and Disinfection | WT-22-CT | 1.7 |
| • Iron and Manganese Removal | WT-31-CT | 0.6 |
| • Pumps and Pumping Hydraulics | WT-17-HO | 0.6 |
| • Surface Water Treatment and Water Quality | WT-54-CT | 0.6 |
| • Exam Preparation OIT Water Treatment and Distribution | WT-11-CT | 1.8 |
| • Exam Preparation Level 1 & 2 Water Treatment | WT-52-CT | 3.0 |
| • | | |
| Water Distribution | | |
| • Basic Water Distribution for Water Treatment Operators | WD-65-CT | 0.6 |
| • Basic Water Treatment for Distribution System Operators | WD-60-CT | 0.6 |
| • Buried Utility Locating | WD-32-HO | 0.6 |
| • Cross Connection Control | WD-62-CT | 0.6 |
| • Commissioning New Watermains | WD-05-HO | 0.6 |
| • Distributions System Breaks and Repairs | WD-04-HO | 0.6 |
| • Distribution System Pipe Assemblies | WD-06-HO | 1.3 |
| • Emerging Issues: Lead Services (Get the Lead Out!) | WD-62-CT | 0.6 |
| • Fundamentals of Water Distribution for New Operators | WD-44-HO | 3.0 |
| • Flushing Techniques | WD-03-HO | 0.6 |
| • Hydrostatic Pressure Testing of Watermains | WD-58-HO | 0.6 |
| • Introductory Math | WD-22-CT | 0.6 |
| • Maintaining Chlorine Residual and Proper Sampling Techniques | WD-24-CT | 0.6 |
| • Operation and maintenance of Fire Hydrants | WD-02-CT | 1.2 |
| • Tapping of Watermains | WD-01-HO | 0.6 |
| • Watermain Disinfection | WD-51-CT | 0.6 |
| • Exam Preparation Level 1 & 2 Water Distribution | WD-54-CT | 3.0 |
| • Exam Preparation Level 2 & 3 Water Distribution | WD-55-CT | 3.0 |
| Wastewater Treatment | | |
| • Activated Sludge Control | WWT-05-CT | 1.8 |
| • Bio-Solids Handling | WWT-03-CT | 0.6 |
| • Basic Wastewater Treatment | WWT-02-CT | 1.8 |
| • Calculations In Wastewater Technology | WWT-14-CT | 0.6 |
| • Exam Preparation OIT, Wastewater Treatment and Collection | WWT-06-CT | 3.0 |
| • Exam Preparation Wastewater Treatment Level 1 & 2 | WWT-07-CT | 3.0 |
| • Exam Preparation Wastewater Treatment Level 3 & 4 | WWT-08-CT | 3.0 |
| • Fixed Film and Other Treatment Processes | WWT-13-CT | 0.6 |
| • Micro Organisms | WWT- 09-CT | 0.6 |
| • Ponds and Lagoons | WWT-11-CT | 0.6 |
| • Wastewater Digester Operation and Control | WWT-12-CT | 0.6 |
| • Wastewater Problem Solving | WWT-10-CT | 0.6 |
| • Basic Wastewater Collection for Treatment Plant Operators | WWT-20-CT | 0.6 |
| Wastewater Collection | | |
| • Exam Preparation Wastewater Collection Class 1 & 2 | WWC-01-CT | 2.4 |
| • Exam Preparation Wastewater Collection Class 3 & 4 | WWC-02-CT | 2.4 |
| • Basic Wastewater Collection | WWC-07-CT | 1.8 |
| • Collection System Odour and Corrosion Control | WWC-09-CT | 0.6 |
| • Lift Station Operation and Maintenance | WWC-10-CT | 0.6 |