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## WATERCOURSE ALTERATION CERTIFICATION FOR NEW BRUNSWICK

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**FROM:** MARITIME COLLEGE OF FOREST TECHNOLOGY

**SUBJECT:** December 4<sup>th</sup> – 8<sup>th</sup>, 2023 course offering

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The Maritime College of Forest Technology's Department of Continuing Education is pleased to offer the **New Brunswick Watercourse Alteration Certification** training with Kyle Werner as the instructor. The course dates are **December 4<sup>th</sup> – 8<sup>th</sup>, 2023**. The course will be held at Blenis Hall, Room 230, MCFT Fredericton Campus.

The Department of Environment and Local Government in the Province of New Brunswick approves the issuing of Watercourse and Wetland Alteration permits for persons who have taken a certified training program and successfully passed a certification examination. The Maritime College of Forest Technology's Department of Continuing Education is the sole provider of Certified Training.

This approach to **Watercourse Alteration Certification** has revolutionized the system of watercourse and wetland alteration permit applications and quality assurance in related operations. The focus is on results rather than methods and accountability rather than approval. Completing this training and subsequent exam will allow the participant to install culverts, single-span bridges, carry out erosion protection projects using rip-rap and/or biotechnical products, carry out timber harvesting under site-specific certification permits. This means no time-consuming application process and no long wait for approval prior to starting the project. It also means the installer is now allowed to use their knowledge and experience to produce results that protect streams, wetlands, and other water habitats. This system is similar to septic system installation, with certified installers, post-installation inspections, and periodic maintenance of certification. Certification, as it relates to crown land, will be covered within this course.

Over 2500 people in New Brunswick, Nova Scotia, Maine, and the Northwest Territories have been certified under **Watercourse Alteration Certification**. The course fills up quickly, so please apply early to ensure a place. Participant numbers are limited to twenty-five (25) per course.

If you have any questions or wish to reserve a seat on this or any other course, please call (506) 471-5479 or email [ce@mcft.ca](mailto:ce@mcft.ca).



Chris Finnamore  
Continuing Education Coordinator

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**DATES:** December 4<sup>th</sup> – 8<sup>th</sup>, 2023

**OBJECTIVES:** This program is designed to help participants:

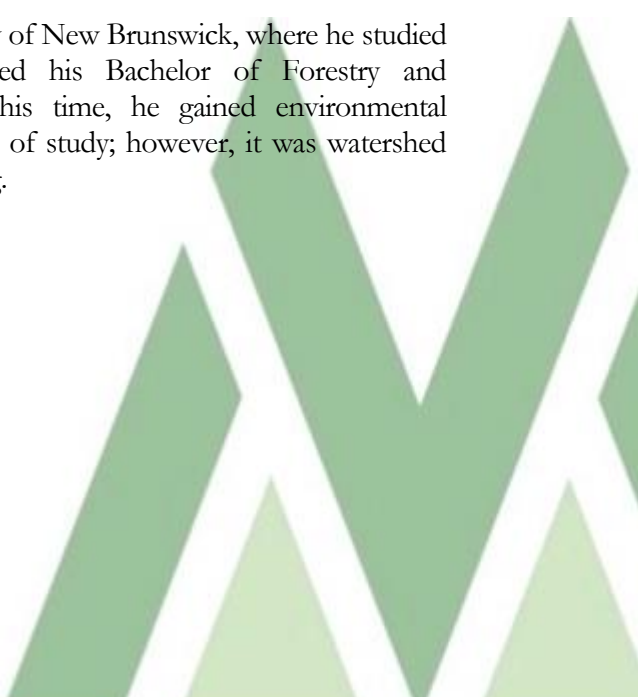
- Prepare to write the Provincial Certification Exam that will allow them to install culverts, single-span bridges, and other alterations
- Increase participant knowledge of current techniques and technology with regard to watercourse alteration.
- Increase participant skills in regard to calculating material and equipment requirements.
- Appreciate the need to protect water quality and water-related habitats.

**CANDIDATES:** This program is designed for people who plan and directly supervise the watercourse alterations. Although experience in culvert and bridge installation is a definite benefit, it is not mandatory to attend the course.

**FORMAT:** **Watercourse Alteration Certification** training will be conducted in an informal manner. The workshop will follow the modules in the New Brunswick Department of Environment and Local Government manual. This clearly and logically presented manual is used as the course text.

The majority of the course is centered on classroom instruction with individual and group exercises. The final day is reserved for writing the Provincial Certification Exam.

**FACILITATOR:** Kyle Werner graduated from the University of New Brunswick, where he studied Arts, Science, Engineering, and obtained his Bachelor of Forestry and Environmental Management. During this time, he gained environmental knowledge covering several different areas of study; however, it was watershed management that he found most interesting.



**FACILITATOR (continued):**

He wrote and defended a thesis study on sediment and erosion within the CFB Gagetown training area. Kyle's experience includes working with heavy equipment, supervising "in-stream" installations, stream restoration projects, soil stabilization and remediation, sediment and erosion control, electro-fishing, road capping, road ditching, and road maintenance. He was employed with J.D. Irving as a Road Construction and Maintenance Supervisor for three years before accepting a position with the Department of National Defence – CFB Gagetown as a project coordinator.

Kyle is responsible for large multiple and varied stream crossing installation structures from 12-foot round to metal plate bottomless culverts, large stream restoration projects, and a large network of fording jobs to assist the CFB Gagetown training, along with many erosion control and road maintenance projects. All activities related to Watershed Alteration and Watershed Management.

In his spare time, he lends his expertise to UNB Forestry students by providing class lectures and field site tours to explain the road building and watercourse crossing application to forest roads. Kyle's easy-going approach to teaching and interaction with the class allows his knowledge and experience to be transferred to students.

**ENROLMENT:** Enrolment will be limited to twenty-five (25) candidates on a first come-first served basis.

**LOCATION:** MCFT, 1350 Regent Street, Fredericton, NB, E3C 2G6

**NUTRITION BREAKS:**

MCFT will provide morning coffee upon your arrival each morning, followed by a mid-morning nutrition break and a mid-afternoon nutrition break.

You will be responsible for your lunch each day.

**ACCOMMODATIONS:**

MCFT has a room rental agreement with the Fredericton Inn & Convention Center. Please dial 1-800-561-8777 and use discount code 'MCFT'. Costs for standard rooms are:

- \$109 per night single occupancy
- \$129 per night double occupancy

**TUITION:** Tuition for the program including supplies is \$1275.00 + 15% HST.

***WATERCOURSE ALTERATION CERTIFICATION***  
***is equivalent to 28 Continuing Forestry Education Credits.***

