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## WATERCOURSE ALTERATION FOR INSTALLERS FOR NEW BRUNSWICK

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**FROM:** MARITIME COLLEGE OF FOREST TECHNOLOGY

**SUBJECT:** October 20<sup>th</sup> – 21<sup>st</sup>, 2022 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 For Installers** training with Kyle Werner as the instructor. The course dates are October 20<sup>th</sup> – 21<sup>st</sup>, 2022. The course will be held at Blenis Hall, Room 224, 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. This training is for individuals that will be present on work sites managing water movement and mitigating erosion and water pollution. The Maritime College of Forest Technology's Department of Continuing Education is the sole provider of Certified Training.

This course will hopefully revolutionize the system of watercourse and wetland alteration process and result in quality assurance in related operations. The focus is on results rather than methods and accountability rather than approval. Completing this training 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. 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.

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 Fynamore  
Continuing Education Coordinator

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**DATES:** October 20<sup>th</sup> – 21<sup>st</sup>, 2022

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

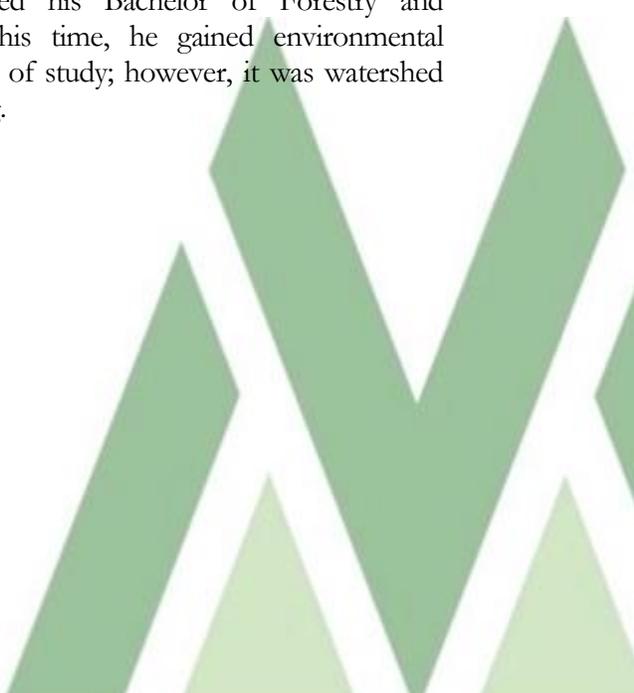
- Increase participant knowledge of current techniques and technology with regard to watercourse alteration.
- Increase participant skills in regard to calculating material and equipment requirements.
- Appreciate the need to protect water quality and water-related habitats.

**CANDIDATES:** This program is designed for people who will be present on work site managing water movement and mitigating erosion and water pollution. Although experience in culvert and bridge installation is a definite benefit, it is not mandatory to attend the course.

**FORMAT:** **Watercourse Alteration for Installers** 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. This is a two-day informational workshop and there is no final 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.

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 \$500.00 + 15% HST.

***WATERCOURSE ALTERATION CERTIFICATION***  
***is equivalent to 14 Continuing Forestry Education Credits.***

