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## WATERCOURSE ALTERATION CERTIFICATION FOR NEW BRUNSWICK

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**FROM:** MARITIME COLLEGE OF FOREST TECHNOLOGY

**SUBJECT:** November 27<sup>th</sup>- December 1<sup>st</sup>, 2017 course offering

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The Maritime College of Forest Technology's, Department of Continuing Education is pleased to offer **Watercourse Alteration Certification** training with Kyle Werner as instructor. The course dates are November 27<sup>th</sup>- December 1<sup>st</sup>, 2017. The course will be held in room 230 of the Maritime College of Forest Technology, Fredericton, NB. Specific course details, including an instructor profile, application form and tuition costs are included in the attached announcement.

The Department of Environment and Local Government in the Province of New Brunswick approves the issuing of blanket Watercourse Alteration permits for persons involved in forestry operations on private land, who have taken a certified training program and successfully passed a licensing 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 alteration application and quality assurance in forestry operations. The focus is on results rather than methods, and accountability rather than approval. The completion of this training and subsequent exam will allow the participant to install culverts and single span bridges under a blanket permit. This means no time consuming application process, and no long wait for approval prior to starting the installation. It also means the installer is now allowed to use their knowledge and experience to produce results that protect streams and 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 2000 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.

This course has been vetted by New Brunswick Department of Environment, New Brunswick Department of Energy & Resource Development, and Fisheries and Oceans Canada.

If you have any questions or wish to reserve a seat on this or any other course, please call (506) 458-0649.

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**DATES:** November 27<sup>th</sup>- December 1<sup>st</sup>, 2017

**LOCATION:** Room 230 in Blenis Hall of the Maritime College of Forest Technology, located at the Hugh John Flemming Forestry Centre, 1350 Regent St, Fredericton, NB E3C 2G6.

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

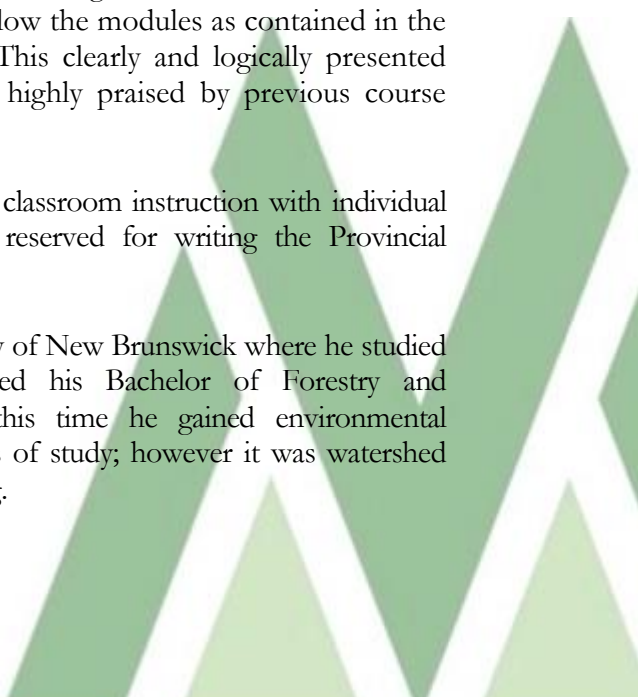
- Prepare to write the Provincial Certification Exam that will allow them to install culverts and single span bridges on privately owned forest land, under a blanket permit
- Increase participant knowledge of current techniques and technology with regard to watercourse alteration.
- Increase participant 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 directly supervise the installation of watercourse alterations on privately owned forest land. The Provincial policy is designed so that blanket permit is only valid if a certified installer is actually on site. 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 as contained in the Department of Environment manual. This clearly and logically presented manual is used as course text. It was highly praised by previous course participants.

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 a period of 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 along with 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.

**ACCOMMODATIONS:**

For those requiring accommodations, we have a room rental agreement with the Fredericton Inn. Please dial 1-800-561-8777 and use discount code 'MCFI'. Costs for standard rooms are:

- \$99 per night single occupancy
- \$119 per night double occupancy

**MEALS:** Meals are available at the cafeteria on a pay-as-you-go basis or meal tickets can be purchased at registration.

**TUITION:** Tuition for the program including supplies is \$1250.00 + 15% HST.

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



