

Sept 2006

Please circulate /  
Veuillez faire circuler SVP:

ATTN: \_\_\_\_\_

# AtlanTECH news

the technology professionals newsletter  
of New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland



**NBCC Saint John Campus** is busy getting ready to celebrate **National Technology week (NTW)** in partnership with the New Brunswick Society of Certified Engineering Technicians and Technologists (NBSCETT). There is a full week of events planned from **October 30th to November 3rd**. Each day is designed to celebrate a different Technology including an opening ceremony on Monday October 30th and a Coaster Race on Friday, to conclude this amazing week of events.

- **Monday October 30** = Cake Cutting recognizing NBCC-Saint John campus Technology programs.

- **Tuesday October 31** = Information Technology Day

- **Wednesday Nov 1** = Engineering Technology Day

- **Thursday Nov 2** = Health Technology Day

- **Friday Nov 3** = Engineering Technology Day

This full week of events also coincides with

**National Career Week, Skills Trades Day on October 30th, and Bring Your Child to Work Day on November 1st.**

**NBSCETT's annual membership renewal fees are due on January 1st of each new year, and valid through to December 31st of each year.**

The late payment date is January 31st; and the late payment charge is \$50.00. The Registry removal date is March 31st; and employers will be notified of 'struck off' members.

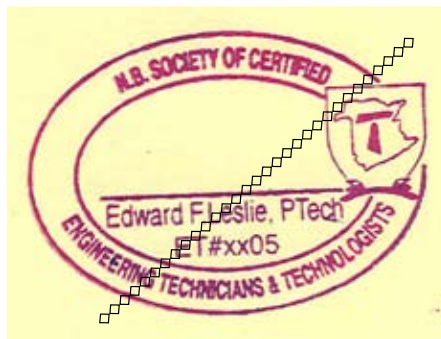
**Certified/Associate members who are unemployed, are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumés / affidavits.**

Please, help your professional Society better use the resources for education, the profession, and the promotion and protection of titles.

All members are urged to notify the Society office at their earliest convenience, should they have any question / concern; and to inform the Society administration of any changes to their employment, or their contact information.

## ***In this issue:***

- 2006-2007 Calendar = page 10,11
- Professional Development = page 7
- advertising rates = page 8
- ACETTPEI Presidents Report = page 4
- National Technology Week = page 6



The Member Identification stamp ( english and french) order form is available from the NBSCETT-SttagN-B website; as well as the Technology ring order form.

**[www.nbscett.nb.ca](http://www.nbscett.nb.ca)**

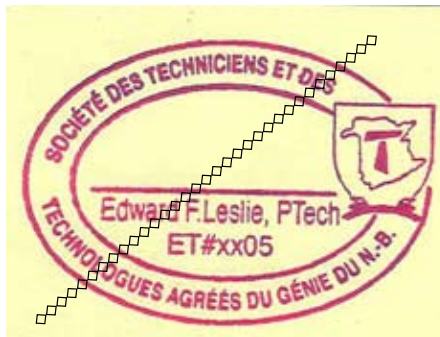
## meet your NBSCETT-SttagN-B Councillors.....



### **Ken Geldart, PTech**

Discipline:  
Mechanical Technology,  
1980  
Member of NBSCETT since  
1981; Moncton District  
Councilor 2004 - 2006  
Certified Quality  
Technician (ASQ) since  
1995

25 years experience  
working with the Quality  
profession in the nuclear  
industry, aerospace  
industry, and utility construction project.  
Experience involves application of  
technical skills and knowledge associated  
with precision machining & fabrication  
and Quality systems management.



## Errors and Omissions Insurance for NBSCETT members

### **NBSCETT Errors & Omissions Insurance offers:**



- Very attractive annual premiums
- Protection against Professional Liability
- Instant On line Quote available at [www.caininsurance.ca](http://www.caininsurance.ca)  
or by phone 458-3000 or 1-888-475-2246  
Contact: Angie Walton
- Various limits of Insurance available
- Low deductibles

860 Prospect St. Fredericton, NB E3B 2T8  
[www.caininsurance.ca](http://www.caininsurance.ca)

## **NBSCETT - SttagN-B:**

**Vision statement:** to foster an enthusiasm in New Brunswick (Canada) for applied science and engineering technology.

**Mission & Objectives statement:** of NBSCETT is to govern and regulate technology services in New Brunswick. Promoting the advancement of accredited training and certified professionals, and promoting applied science and engineering technology in New Brunswick.

**Beliefs:** ***NBSCETT believes in;*** the public interest is paramount; in continuous improvement; in fiscal responsibility; in providing quality customer service; in providing leadership in the community; in the creative use of resources.

## **AtlanTECH**

c/o NBSCETT / SttagN-B,  
2-385 Wilsey Road, Fredericton NB, E3B 5N6  
Tel: (506) 454-6124 Fax: (506) 452-7076  
E-mail: ed.leslie@nbscett.nb.ca

Editorial opinions, submitted articles and reports published within the AtlanTECH do not necessarily reflect the opinion/policy of the Councils/Societies; and the Societies do not accept any responsibility.

All submissions are welcome, in either official language. Employers are offered free 'business card' size advertising space when seeking members of the Societies for employment; **general advertising rates are available and, previous issues are available for perusal/download at [www.nbscett.nb.ca](http://www.nbscett.nb.ca).**

The AtlanTECH has circulation to over 4,000 decision makers throughout Atlantic Canada, and across the country. Address all correspondence to Executive Director, E. F. Leslie, CAE, PTech.



**W**hether it is the Society's certified member's identification stamp, the wall certificate, or the Technology ring worn by Professional Technologists and Certified Technicians (*on the small finger of the working hand*) these indicators announce the certified member status, and recognition within the multi-disciplinary team. **Society members, as well as the public, help protect these legislated titles by reporting any misuse.** The New Brunswick

Engineering Technology Act (July 1986) states it is an offence for anyone who is not a full member of the Society to use the titles in any form: Certified Engineering Technician/Technologist, Certified Technician, Applied Science Technologist, Professional Technologist, or the like of: CET, CTech, ASCT or PTech. Someone may mistakenly use a protected title, or possibly a non-member continues to display a Society wall certificate, or wear a Technology ring after being struck from the registry, giving the impression they're certified. When no longer a member, certificates and all other identifying items must be returned. For reporting details call Society office.



Another summer has come and gone. Autumn brings with it many new starts, the start of school, fall, and the start of another year for the ACETTPEI Council.

ACETT Council will be busy this year trying to improve upon our membership application process, organization processes, trying to find new ways to support and benefit our membership, grow that membership, and expand our public image provincially and nationally.

October brings with it the Canadian Council of Technicians and Technologists (CCTT) Annual General Meeting. This years' AGM is in Edmonton, Alberta and Prince Edward Island will be represented by myself and the CCTT Vice-President Mr. Stephen Gould.

October 30 thorough November 3 is National Technology Week. National Technology Week is an annual event coordinated by CCTT with support of partners, to showcase and promote the many careers within the applied science and engineering technology sectors.

The new year brings the ACETTPEI Annual General Meeting, to be organized. We would love to hear your input on our past AGM's and suggestions on how we could make improvements.

Prince Edward Island plays host to the 2007 CCTT AGM next October. This is exciting news for Prince Edward Island, and ACETTPEI.

This leaves us with a hectic year and we are looking forward to it. We hope that we can count on the ACETTPEI Members, when volunteers are required for events.

Other news from ACETTPEI is our new website; designed by one of our members, Scott McGuigan CET, Owner of NetAtWork. Please stop in and take a look [www2.acettpei.ca](http://www2.acettpei.ca) . We look forward to all members input.

We have a new opening on the Council for the Canadian Technology Accreditation Board (CTAB). We would like to thank Rosemary Terris, CET for her many years of dedicated service in this role. She has been an integral part of the ACETTPEI Council. Please see the article in this newsletter for further information on this position. If you are interested in volunteering please contact us.

There is much that the ACETTPEI Council would like to be able to do for its members; approach companies about further membership benefits, offer more merchandise, member events, and the like. In order to do so, we require volunteers, and if you would be interested in volunteering on Council, The Board of Examiners, or on other tasks you may be suitable for, please contact us at (902)-892-TECH (7324) or at [info@acettpei.ca](mailto:info@acettpei.ca) . We are open to your ideas on how we can serve you better and would appreciate your involvement.

***Respectively Submitted, Melanie Schneider, CET***





## MAKING CAD WORK FOR YOU

**Autodesk**  
Authorized Developer



Atlantic CAD Solutions Inc. is a technology company, dedicated to serving the architectural, electrical, civil and mechanical CAD industry throughout the Atlantic Provinces.

Let our highly trained staff help you implement solutions to cut costs and reduce repetitive tasks—increasing productivity and user satisfaction. Using our in-depth knowledge of your software, we'll help you minimize your risk and quickly design and deploy solutions that deliver measurable results. With 20 years of experience in the industry, you can take comfort in knowing the job will be done right.


- **Training**
- **Customization and Programming**
- **CAD Standards Development**
- **Implementation Services**
- **Technical Support**
- **Document Management**

Contact: Michel Beaulieu  
michel.beaulieu@atlantic-cad.com  
Tel: (506) 459-3271  
www.atlantic-cad.com



At the fall Saint John Branch dinner meeting, held at the NBCC-Saint John campus, hosted by NBSCETT Vice President David Sheaves, CET (at left in photo) new members present to be 'sworn in' were (from left to right) Robert LeBlanc, PTech; Owen Young, PTech; and Marcus Cormier, PTech.


Guest speaker was Mr. Mel Stephens presenting information and guidance on home wine making.



Enjoy the culture, vibrancy, & diversity that's a way of life in Fredericton, while working on NEILL AND GUNTER's many projects that originate around the globe.

For more information & to submit your resumé, visit [www.neillandgunter.com/careers](http://www.neillandgunter.com/careers)

**Gilles Richard, CET**



*Neill and Gunter*  
DESIGN AND CONSULTING ENGINEERS

**providing excellent  
engineering services  
around the world**

## **National Technology Week focuses on tech careers**

Statistics show that Canada is facing a shortage of skilled workers. In fact, some estimate that an additional 17,000 technicians and technologists are needed this year alone.

Promoting careers in technology is essential if Canada is to continue to grow economically. That's why events like National Technology Week were established. Spearheaded by the Canadian Council of Technicians and Technologists (CCTT), National Technology Week is geared towards promoting careers in technology to students who are in grades seven to nine.

The week runs from October 30 to November 4, 2006.

National Technology Day takes place in mid-week (November 1).

The slogan for this year is: **"Technology – Count me in!"**

NBSCETT is a part of the National Technology Week Task Force and has participated in several meetings this year to plan the events. CCTT has created and distributed a package to Canadian colleges inviting them to hold an open house that week to promote technology careers. The task force sent 15,000 posters to teachers and schools across Canada to advertise the event and also provided information about technology careers to 20,000 educators. The task force has also contacted employers to educate them and to promote engineering technicians and technologists through National Technology Week. So far CCTT has sent material to the CEOs and vice presidents of 50 major Canadian companies.

A poster design contest for National Technology Day is being advertised to schools for students in grades seven to nine.

NBSCETT Branches/members can get involved in "NTW" through the following activities:

- Make contact with local schools and offer to visit and speak about technology careers (visit [ExploreMyFuture.com](http://ExploreMyFuture.com) for support info)
- Offer student mentoring in technology careers through school guidance counselors.
- Encourage students to submit their designs for a poster and qualify for a prize for best poster advertising "National Technology Week".
- Contact local libraries and take them the National Technology Week poster.
- NBSCETT has a power point presentation that can be used to promote this event. If you/your chapter/organization would like to use it, please contact the NBSCETT-SttagN-B at [nbscett@nbscett.nb.ca](mailto:nbscett@nbscett.nb.ca).

For more information, visit [www.nationaltechnologyweek.ca](http://www.nationaltechnologyweek.ca)



# **Dalhousie University**

## **Continuing Technical Education**

**Your ONE PLACE**

**for professional technical training.**

### **Upcoming Professional Development Courses**

#### **Effective Maintenance Management:**

##### **A Practical Perspective**

Nov 20 - 21, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5167](http://129.173.70.76/course_detail.php?id=5167)  
for the brochure.

#### **Indoor Air Quality & Role of HVAC System**

Dec 4 - 5, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5168](http://129.173.70.76/course_detail.php?id=5168)  
for the brochure.

#### **PHP Programming**

Sep 25 - Nov 27, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5185](http://129.173.70.76/course_detail.php?id=5185)  
for the brochure.

#### **Hands-on LANs**

Oct 2 - 4, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5191](http://129.173.70.76/course_detail.php?id=5191)  
for the brochure.

#### **Hands-on TCP/IP Troubleshooting**

Oct 16 - 18, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5192](http://129.173.70.76/course_detail.php?id=5192)  
for the brochure.

#### **Internetworking:**

##### **Bridges, Routers & Gateways**

Nov 21 - 24, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5193](http://129.173.70.76/course_detail.php?id=5193)  
for the brochure.

#### **Sensors, Transducers & LabVIEW**

Dec 4 - 8, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5197](http://129.173.70.76/course_detail.php?id=5197)  
for the brochure.

#### **Advanced Java**

Sep 19 - Dec 5, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5206](http://129.173.70.76/course_detail.php?id=5206)  
for the brochure.

#### **UNIX Fundamentals**

Sep 18 - Dec 18, 2006 (NEW DATES) Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5207](http://129.173.70.76/course_detail.php?id=5207)  
for the brochure.

#### **Database Management**

Sep 21 - Dec 7, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5208](http://129.173.70.76/course_detail.php?id=5208)  
for the brochure.

**Fire Suppression Systems:** What you should know about design, inspection and maintenance  
Jan 16 - 17, 2007 Halifax, NS  
[http://129.173.70.76/course\\_detail.php?id=5201](http://129.173.70.76/course_detail.php?id=5201)  
for the brochure.

**The National Building Code of Canada 2005:**  
Division B Acceptable Solutions, Part 3 Fire Protection and Occupant Safety  
Feb 28 - Mar 1, 2007 St. John's, NL  
[http://129.173.70.76/course\\_detail.php?id=5202](http://129.173.70.76/course_detail.php?id=5202)  
for the brochure.

**The National Building Code of Canada 2005:**  
Division B Acceptable Solutions, Part 3 Fire Protection and Occupant Safety  
Feb 12 - 13, 2007 Fredericton, NB  
[http://129.173.70.76/course\\_detail.php?id=5204](http://129.173.70.76/course_detail.php?id=5204)  
for the brochure.

#### **Industrial Boiler Systems:**

Operation, Maintenance, Efficiency & Controls

Nov 28 - 29, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5278](http://129.173.70.76/course_detail.php?id=5278)  
for the brochure.

#### **SQL**

Sep 26 - Nov 28, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5209](http://129.173.70.76/course_detail.php?id=5209)  
for the brochure.

#### **User Interface Design**

Oct 24 - 26, 2006 Halifax, NS

[http://129.173.70.76/course\\_detail.php?id=5211](http://129.173.70.76/course_detail.php?id=5211)  
for the brochure.

**For more information on  
Dalhousie University,  
Continuing Technical Education visit our  
homepage <http://www.cte.dal.ca> .**



# ***Your advertising message here.....***

Dear Advertising / Marketing Manager;

An excellent opportunity for your organization, especially in the current economic climate ***when you want your message to go as efficiently and effectively directly to your audience market***, is the member direct AtlanTECH news. You are encouraged to give careful attention to this excellent advertising opportunity for your organization, considering the display advertising in the 4,000 plus circulation, is read by the decision makers of the applied science and engineering technology team communities throughout Atlantic Canada. The AtlanTECH news is the member publication for the NBSCETT, the Association of Certified Engineering Technicians and Technologists of Prince Edward Island (ACETTPEI), and TechNova (Society of Certified Engineering Technicians and Technologists of Nova Scotia -SCETTNS). Besides being distributed to the certified technology professional members, this publication is also read by related associations' members and business leaders across the Maritimes and Canada, as well as in community colleges and libraries.

The AtlanTECH news features articles on the milestones of the maritime associations, member profiles, reports of the Canadian Council of Technicians and Technologists (CCTT) and Canadian Technology Accreditation Board (CTAB) activities, as well as a review of the various Society's meeting, By-Law amendments, photos and consumer benefit information.

Display advertising rates for the quarterly AtlanTECH:

business card size - \$150.00	1/4 page - \$225.00	1/3 page
- \$275.00		
1/2 page \$325.00	full page \$705.00	
( advertising is not printed on the front cover )		
inside back cover \$750.00	inside front cover \$850.00	outside back cover \$965.00

Page size is 19 cm X 25.5 cm. All prices are net; and NBSCETT does not charge PST or GST.

AtlanTECH advertising electronic submission deadlines: September 05, November 05, February 05, May 20.

Should you have any questions or wish to discuss your particular advertising needs (colour; irregular size; etc.), and insertion in the quarterly AtlanTECH newsletter, do not hesitate to call at your earliest convenience.

Thank you for your support.

Edward F. Leslie, CAE, PTech  
Executive Director - NBSCETT/SttagN-B



# EXPLORE MY FUTURE ENTREPRENDS TON AVENIR



## EXPLORE MY FUTURE CAREER AWARENESS EXPOS ARE CONTINUING TO GROW!

NBSCETT and its members assist in promoting careers in trades and technology fields.

Students and career information seekers can discover a world of opportunities; including:

- Careers that interest them
- The educational path to reach that career
- The practical steps they can take now to prepare for future studies and employment.

## SHARE YOUR EXPERTISE WITH NB STUDENTS SO THEY CAN MAKE A WISE CAREER CHOICE



## LES SALONS SUR LES CARRIÈRES ENTREPRENDS TON AVENIR CONTINUENT À GRANDIR!

Stagg-NB et ses membres nous aident à promouvoir les carrières dans les domaines des métiers et les carrières en technologie. Les expo carrières *Entreprends ton avenir* permettent aux étudiants et aux chercheurs d'information sur les carrières de déterminer :

- quelles carrières les intéressent
- la formation nécessaire
- les étapes pratiques à suivre maintenant pour se préparer à faire des études complémentaires et à exercer la profession voulue.

## PARTAGEZ VOS CARRIÈRES ET VOTRE EXPERTISE AVEC LES ÉTUDIANTS DU NOUVEAU-BRUNSWICK

*For information: / Pour informations :*

**Patricia Duffy (506) 547-7511 [www.exploremyfuture.ca](http://www.exploremyfuture.ca)**



## Architectural Technologist

**OP&I Inc.**, Fredericton seeks an experienced Architectural Technologist interested in a business and technical career with growth opportunity in our active, small business offering commercial interior design, facility planning and consulting services.

The productive, organized team player will accept the primary responsibility for the management and development of project design & construction drawings, specifications and project administration. AutoCAD and Microsoft Office are technology "staples" requiring proficiency.

Our "leader" candidate will also participate in a wide variety of business administration aspects and client service. He/she must be an eager contributor to our company's success and enhance service delivery to our diverse clientele.

We foster life-long learning & achievement; fresh and innovative problem-solving; respect for people and environment; and an enjoyable, professional "work life"!

Salary & benefits are commensurate with demonstrated experience and qualifications. **Apply in writing to: PO Box 792 Fredericton, N.B. E3B 5B4. Fax: 506-459-5545 Email: [opiinc@nb.aibn.com](mailto:opiinc@nb.aibn.com)**

Many technicians, technologists and engineers spend their working lives creating more energy efficient structures, processes and products while following specific policies and procedures. This works well for commercial, industrial and institutional sectors, but what about saving energy at home? We are all full of good intention when it comes to savings energy at home, but how often does intention become action? [www.earthinstitute.ca](http://www.earthinstitute.ca), a New Brunswick-based organization wants to help homeowners turn intention into action and action into savings. Earthinstitute.ca helps Canadian homeowners save energy through education and action.

## Energy Saving Plan consists of:

- The Energy Saver Plan Workbook, providing up to 50 no cost, low cost and investment-type actions to save energy at home, as well as an easy-to-use Greenhouse Gas emissions to Energy Costs Conversion Table
- A monthly e-bulletin reminding homeowners stay on task as well as providing monthly tips and links to helpful websites
- Professional advice for one year on any home energy conservation related issues

Homeowners place a list of between 5-10 actions in a visible location in the home to work on; once those are complete, it's back to the book for more actions. When the book is exhausted, homeowners have done all they can (within their financial resources) to maximize energy conservation efforts.

***Why not have [www.earthinstitute.ca](http://www.earthinstitute.ca) help you start saving today...***

# ***the Technology Professionals in New Brunswick***

**New Brunswick Society of Certified  
Engineering Technicians and Technologists**

## **Octobre**

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## **November**

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## **Decembre**

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## **2007 January**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## **2007 Février**

D	L	M	M	J	V	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

## **2007 March**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

**Presidents Awards Banquet -  
Friday, April 27, 2007  
Annual General Meeting /  
Assemblée générale annuelle  
Saturday, April 28, 2007  
- Crowne Plaza, Fredericton**

## **2007 Avril**

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	<b>27</b>	<b>28</b>
29	30					



# ***39 years of certified success***

NBSCETT/SttagN-B, 2 - 385 Wilsey Road, Fredericton, New Brunswick E3B 5N6  
tel: (506) 454-6124 fax: (506) 452-7076 E-mail: [nbscett@nbscett.nb.ca](mailto:nbscett@nbscett.nb.ca) Web site: [www.nbscett.nb.ca](http://www.nbscett.nb.ca)

# Les spécialistes de la technologie au Nouveau-Brunswick

Société des techniciens et des technologues  
agréés du génie du Nouveau-Brunswick

## National Technology Week: October 30 to November 3, 2006

*If you are interested in helping assist in  
planning and participating in special events, or  
have promotions/special activities suggestions  
for this week, please give your professional  
association a call;  
your involvement is always welcome!*

*Si vous êtes intéresser à aider planifier  
des événements, assister et participer à des  
événements spéciaux ou à promouvoir/ou  
avez-vous des idées à suggérer pour des  
événements spéciaux pour cette semaine,  
s'il-vous-plaît veuillez communiquer avec le  
bureau de votre association professionnelle.  
Nous pouvons toujours utiliser votre aide.*

**la Semaine nationale de la technologie:  
30 octobre au 3 novembre, 2006**

# 39 années de Succès Agréé

### 2007 May

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

### 2007 Juillet

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

### 2007 June

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

### 2007 Août

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



Canadian Council of Technicians and Technologists  
Conseil canadien des techniciens et technologues



## **ACETTPEI Councilors needed**

ACETTPEI Council has an immediate opening for two councilors, the previous councilors have moved into the presidents and vice presidents position. We are currently running with two councilors when we need a minimum of four. The nominating committee, chaired by Brian McLellan CET as past president is searching for two certified members, new or old members it does not matter to be a representative on council for the next two years.

*"This is a tremendous opportunity for certified members to apply their leadership skills and decision-making experience to advance the interest of ACETTPEI's members and the profession", says Brian. Another benefit of serving on council is the opportunity to network and get leadership training that can enhance a resume and employment prospects. In 2007 we will be hosting the national annual general meeting and we would like to have our council at full strength to be able to fully represent the members of our association.*

The Council meets once a month except for July, August and December, the time commitment for each meeting is two to three hours and other committee work the councilor may choose to take on.

With no obligation, if you're interested in learning more about this opportunity please contact Brian at [info@acettpei.ca](mailto:info@acettpei.ca) or give our office a call at 892-8324, we look forward to hearing from you.

## **Association of Certified Engineering Technicians and Technologist of P.E.I.**

**( ACETTPEI ) partners with**

### **Skills Canada P.E.I. S/CC, and Accelerated Secondary Apprenticeship Program (ASAP)**

We are please to announce a partnership with Skills Canada P.E.I. and Accelerated Secondary Apprenticeship Program (ASAP). ACETTPEI with S/CC and ASAP will be hosting two events this fall and we are very excited to be able to help out.

On October 30 from 10 to 3:30 we will be hosting **National Skills Trades and Technology Day**, the location is to be confirmed so check our web page for updates. The purpose is for students in grades 7-9 to drop in and receive information on vocational and technology education opportunities on PEI. and to promote the benefits of trades and technology occupations. Activities include showcasing Technologies and trades on PEI and exploring careers in technology and skilled trades through interactive activities. The day is also open to the public so drop in and see us, for more information contact Paulette Waddell at 566-9352 or e-mail [pauletteW@skillscanada.com](mailto:pauletteW@skillscanada.com) or the ACETTPEI office.



## Professional Practice Exam for ACETTPEI applicants

The Provincial Constituent Members of the Canadian Council of Technicians and Technologists (CCTT) have agreed that all new applicants for technician and technologist certification will be required to write a Professional Practice Exam based on ethics and other areas of importance to practicing technicians and technologists.

Accordingly, the ACETTPEI Council has stipulated that as of September 1st, 2006 all applicants who apply for certification will be required to write an exam which contains questions on the ACETTPEI Code of Ethics and Interpretation Guidelines. The exam will consist of twenty-five multiple choice questions. Applicants will be required to study information consisting of the following:

*ACETTPEI Code of Ethics and Interpretation Guidelines* (available for download at the ACETTPEI web site [www.acettpei.ca](http://www.acettpei.ca) ) and we suggest reading

*"The Canadian Professional Engineering Practice and Ethics"* by Gordon C. Andrews and John D. Kemper. (chapters 6 to 11) (questions 19 to 25 are based on these chapters).

The applicant is to complete the Professional Practice Exam and return with their application for certification. The onus is on the applicant to obtain a copy of *"The Canadian Professional Engineering Practice and Ethics"*, copies of this book will be available at the Holland College library and can be signed out. College graduates who have taken a Professional Practice Exam as part of a course or included in an accredited program will be able to submit the results as proof of having taken the exam.

## Web site Redesign

As mentioned at our AGM in April, Council has approved a redesign of our web site, we were able to take advantage of one of our members Scott McGuigan, CET, MCSE, CCNA, A+, Security+ who is the Owner/Consultant of NetAtWork.ca to do the work for us. Scott has updated our site and we hope to have it online and ready for use by our members this fall, so keep checking our site at [www.acettpei.ca](http://www.acettpei.ca) to see when it will be available and if you can't wait you can visit Scott's site at <http://www.netatwork.ca> and get a preview. When the site is ready to go we will ask our members to login and registrar with us, this information will be confidential, enable us to contact you by email and keep our mailing and membership database up to date.



## Village of New Maryland council handed out seven New Brunswick Merit Day Award certificates recently.

**Village honours contributors** By HEATHER MCLAUGHLIN [hmclaugh@dailygleaner.com](mailto:hmclaugh@dailygleaner.com)

In photo: Back row, from left, are: Randy Waddingham of New Maryland Contractors; Jacques Roy; Mayor Frank Dunn; **Tim Scammell**; and Lloyd Nowlan. Front row, from left, are: Chief Harry Farrell; Coun. Judy Wilson-Shee; and Wayne Robertson of Maritimes and Northeast Pipeline. Dunn presented Wilson-Shee with an award for her dedication and commitment to the walking-trail project.

**New Maryland village council has honoured six of its citizens and one local business for contributions to the community's recreation infrastructure.** Wayne Robertson, who works for Maritimes and Northeast Pipeline, took the initiative to go above and beyond by constructing much of a gazebo in a public park created within the community, said the village's recreation and leisure services committee chairwoman Judy Wilson-Shee. "Mr. Robertson offered to build the floor for our 14-foot, eight-sided gazebo if we supplied the materials. He compiled a list of necessary lumber and he picked them up from the warehouse, saving us a delivery charge," said Wilson-Shee.

Robertson not only began building the floor of the gazebo in his driveway, but he provided the goods and built the trusses for the roof, borrowed a crane from his employer and helped set up the structure, sparing volunteers many hours of labour, Wilson-Shee said.

***Village resident Tim Scammell, CET received an award for his role in organizing the annual golf tournament and his contribution to community causes. Wilson-Shee said Scammell is always there to help with organizing New Maryland Days and has donated time to walking-trail construction.***

***"Tim volunteers for everything. He's Mr. Dependable," said Wilson-Shee.***

*[ Tim Scammell, CET is NBSCETT President-elect. ]*

Jacques Roy has been a longtime volunteer for the annual Lion's Food and Toy Drive, annually takes on the job of being the food drive Santa Claus, and does an excellent job, Wilson-Shee said. Lloyd Nowlan supervised boardwalk construction along a walking trail system behind the New Maryland Centre. "Lloyd has devoted many, many hours to this project. When I needed guidance, he was always available," Wilson-Shee said.

Fire Chief Harry Farrell volunteered to build the semi-covered bridge for the walking trail.

"Harry is a busy person but somehow he found the time to complete this task. His workmanship is excellent," Wilson-Shee said. "He does a fantastic job."

New Maryland Contractors also won an award of merit from the village for its work with the village on several projects. The company provides its work based on public tenders, but it always goes the extra mile, Wilson-Shee said. "They are very professional and go above and beyond what has been asked of them," Wilson-Shee said. The awards have been created to recognize people who have given unselfishly back to the community, she said.

Mayor Frank Dunn, meantime, honoured Wilson-Shee for taking charge of the village's key recreation project - the development of a public-park area and walking-trail system behind the New Maryland Centre.



## ACETTPEI has begun the search for a new representative on the Canadian Technology Accreditation Board (CTAB). Is this a position for you?

As with most volunteer positions, work on CTAB can be very gratifying. The CTAB representative is appointed by the Constituent Member (CM) for a period of three years. While this may seem like a long commitment it does take some time to become familiar with the accreditation process and many board members actually sign on for a second term once they are involved.

- What is CTAB? CTAB is made up of a representative from each of the ten CMs, a Chair and a Past-Chair, in addition to representatives from Department of National Defense (DND), National Council of Deans of Technology (NCDoT) and Canadian Society for Chemical Technology (CSCT). The Board's mission is "To develop, coordinate, and manage a consistent, high-quality national accreditation program responsive to changes in technology and education." To that end CTAB members, past and present, and trained volunteers conduct Program Accreditation Audits at the invitation of Colleges from across Canada.

- What are the commitments of a CTAB representative? CTAB meets twice a year, on Friday and Saturday, in various cities across Canada. Additionally, once a member has received training they may participate in an accreditation visit, generally not more than one a year and within their discipline area. All expenses arising from these activities are covered by CTAB.

- As well as attending CTAB meetings, the representative is expected to attend ACETTPEI Council meetings to convey information to and from the Board. They are also required to perform desk audits for accredited programs as part of the Biennial Review. This activity may take anywhere from a couple of hours to a day.

- Seem like a big commitment? CTAB is most definitely a "Working Committee" but it is very rewarding. You have the opportunity to meet and work with individuals that are invested in our profession. You visit educational agencies across the country and may ultimately influence the future of technicians and technologists.

**A big responsibility? Of course, but if you don't do it, who will?**



### **Steven Barton, PTech**

Born in New Brunswick

Graduated NBCC-Moncton 1987

Certified member in NBSCETT 1990

Worked on Confederation Bridge

Since 1995 Design Technologist at NB DoT

Fredericton District Councillor 2005

involved in numerous associations fund raising events

spare time enjoying travelling and 'time at the lake'.



## What's in it for me?

This is a question that council members seem to be hearing a lot lately. As past president I feel it's my responsibility to try and answer that question.

Our association was created in 1972 and if not for the foresight of our first members to create an association to represent those technicians and technologists on P.E.I. the Association of Certified Engineering Technicians and Technologists of Prince Edward Island (ACETTPEI) might not be here today. I joined the association in 1992; it was a society back then that evolved to be the certification body for P.E.I. I remember the first time a council member came to Holland College to speak to us about what being a certified was all about. It was a very exciting thought that such a group did exist in P.E.I. and that I could be a member of it.

I will be the first to admit that our association still needs work, but a lot of hard work has been done in the last 10 years and all members should be very proud of our association because of it. I can say this because in 1995 I returned to the Island to work transferring my membership back from Nova Scotia; I was used to hearing from the Nova Scotia Society there about news and upcoming events, however in P.E.I. I didn't really see the benefit of being a member. I had a job and I certainly didn't plan on leaving the Island again so I sent a letter to the council that I was going to cancel my membership because the only time I heard from them was when the dues were due. It wasn't long before a council member called me to talk about what could be done to improve the membership as I was not the only one to express this point of view. I met with the council and was asked to fill a vacant Councillor position and help find solutions to this problem. To make a long story shorter I joined council and have never regretted it since.

I have come to see just what it is your council and certification board does and just how hard everyone works. "To advance the professions of Applied Science and Engineer-

ing Technology in Prince Edward Island for the benefit of Society" is the mission statement of ACETTPEI, this is something I am sure was front and center in the minds of those brave people who sat down at the kitchen table 34 years ago to create our association. They were not thinking "what's in it for me" or that would have been part of the mission statement. The ability to meet with people of a like mind and ability, to set up standards and a code of ethics that are used to help protect the public interest, are all part of being a certified member of ACETTPEI.

The Council today is made up of the same people who created it then, volunteers. Without these volunteers we would not be here today. About 5 years ago our association was in some trouble, we did not have an office and our meetings were where ever we could find a space, we could not keep up with applications, answering the phone calls or deal with the other Provincial or National associations because we all have a "real" job to do and this "association thing" was done on a volunteer commitment. Now I have to explain a few things here, your council is responsible for doing a lot of work that is not seen by the general membership. Council meets 10 times a year at a minimum, the board of examiners meet a minimum of 4 times a year. This does not include the individual time spent by council members doing the minutes, looking after the books, the work of the certification board or attending meetings off Island with the other Provincial associations.

- \* In January we start getting the invoices ready to go out, prepare a budget to get us through the year. We also prepare what to Council is the worst job of all strike-off letters; these are sent to those members who for a variety of reasons have not paid their dues from the previous year. A lot of time the member has forgotten and are quick to let us know and get caught up.

- \* In February and March we start preparing for the Annual General Meeting, arrange a guest speaker and finalize the budget

- \* April is the AGM, and we get to relax a bit and meet and talk to the members. We also sponsor and attend the provincial science fair awards ceremony at UPEI.

- \* In May council visits with the students at Holland College and hand out thesis awards.

- \* In June we look at what needs to be done



in the fall with students and National Technology week. Overdue notices are prepared and sent out at the end of the month.

- \* Council does not meet in July and August unless we need to vote on new members.

- \* September and October we get ready for the National annual general meeting and National Technology week, again we make a visit to Holland College and have a talk and send a rep to the Engineers association AGM.

- \* This bring us to December and another short break before we do it all again.

We had the option of handing all these duties to another province and becoming essentially a chapter member of another provincial association and losing our identity. Council decided against that and worked extra hard to set-up an office presence in P.E.I., we committed more funds to do this and cut back in other areas to make it work. Within the last 2 years council has been able to spend more time on promotion, we have the web page updated as regularly as we can, and we make regular visits to Holland College to talk to students about certification.

In February of 2005 I took over the duties of executive staff officer (ESO), and I can tell you it's a very exciting time to be a certified member. There are a lot of excellent people working hard on behalf of all certified members across Canada. Let me explain some of the programs and developments happening across the country.

- \* At the 2004 Canadian Council of Technicians and Technologist (CCTT) AGM all provinces signed on to a transferability agreement, since certification is based on the Canadian Technology Standards, a certified Technician or Technologist can work and be professionally recognized in any Canadian province. CCTT and its Constituent Members have developed a seamless system for member transfer that is compliant with the Federal/Provincial Agreement on Internal Trade. As a result of CCTT's participation in international relationships and agreements, Canadian certified technologists and technicians are recognized around the world. Through its association with the American Society for Certified Engineering Technicians (ASCET) CCTT can assist American technicians and technologists seeking certification as prospective immigrants to Canada. On June 19, 2001 CCTT signed an agreement with The Institute of Professional Engineering Technologist Republic of South Africa (IPET) to de-

velop a closer working relationship for the mutual benefit of members and in the interests of the profession. CCTT maintains international reciprocity agreements with the National Institute for Certification in Engineering Technology (NICET) and the Institute of Incorporated Engineers (IIE) for recognition and ease of transferability between countries. The North American Free Trade Agreement (NAFTA) has facilitated the recognition of Canadian technician and technologist certification in the US. The Sydney Accord Agreement was signed June 25, 2001 between CCTT and counterparts in Australia, New Zealand, the UK, Ireland, Hong Kong and South Africa to mutually recognize technologist educational and professional credentials. The Dublin Accord Agreement was signed May 13, 2003 between CCTT and counterparts in Australia, New Zealand, the UK, Ireland, Hong Kong and South Africa to mutually recognize technician educational and professional credentials.

- \* An International Trained Professional Database is being set up to help make it easier for provincial Registrars to certify immigrants who come to this country to work. This database will be used by programs such as "Options" in Ontario and the "Mennonite" program in Alberta to help immigrants become certified. This same type of program could be set up in P.E.I. but volunteers are needed to help.

- \* Our own Canadian National Standards which we use to certify our members is going to under go a redevelopment and updating. The standards are over 10 years old and this process is essential to keep all our members current and up to date.

- \* CCTT has a strategic plan in place now that will look at professional practice, organizational development, marketing and international relations. This means that through the strategic plan each provincial association gets stronger and we avoid duplication in programs which saves money and time.

- \* This is the fourth year for National Technology Week, a Steering Committee has been formed this has nine members, who meet by phone monthly. Some of the key elements are:

- \* Wed, Nov 1 is to be National Technology Day. Prime Minister will be asked to declare

- \* Skills Canada is looking at linking with N.T.W. and offer skills competitions in trades and technology during the week.

- \* Nov 1 will be "Take Your Child to Work Day"

- grades 7, 8 and 9.
- \* Engage parents, counselors, school boards
- \* Looking at multi-year sponsorships - large contributors
- \* More information will be on the new CCTT web site
- \* Ads in the Globe & Mail is possible
- \* Colleges doing open house Nov 4. BCIT is moving its open house to NTW.
- \* A National Professional Liability Insurance program is about to start on P.E.I. and across the Country. This is a great program that is needed today to help protect members. This program is in addition to the agreement with TD Meloche Monnex who provide our members home and auto insurance at a preferred rate.
- \* Professional development assurance (PDA) is going to be looked at in P.E.I., this is a continuing education program and more information about it will be provided in the future. Holland College has agreed to send us information when courses are put on so we can let members know.

I am sure I could continue, but I hope you see where I'm headed with all this, Certification is a very important part of our association and it is considered by some to be the most important part. The information I mentioned above is only a part of what is happening, but it is all a part of certification; we can't have one part without the other.

It's not just about a dinner once a year or paying dues, part of the process of being your council is to work for you the members, it's a two way street, if we don't hear from you we assume we are doing a good job. Do not be afraid to pick up the phone and call us or send us an email, Council would like to be able to do more for the membership, but to do so we require volunteers. We have wonderful ideas and set up committees for students, benefits, newsletter, merchandise and promotion only to have no one show up or join. If you are interested in joining council or a committee please speak up and help us better things for all members.

I hope this helps to answer that question of "What's in it for me?" for as you can see there is a lot in it for you and me. So when you are talking to co-workers or your employer about certification and they asked "Why I should join your association?" or "What's in it for me?"

You should be looking at them and saying "Why are you not a member?" My term as your president ended in April, and I would like to thank the current and past councils for being there, you are wonderful bunch of people to work with and it's been a pleasure.

*Thank you for your continuing support.*  
Brian McLellan, CET - Past President / ESO



## Senior Engineering Technologist Moncton, NB

**Avide Developments** seeks an experienced Senior Engineering Technologist to take a leadership role in its design team. Avide is a fully integrated developer of land, real estate, property management, design, project management, construction and procurement. Avide has been active in the residential and commercial sectors in Atlantic Canada since 1972. As a subsidiary company of Co-op Atlantic, their parent company is one of the largest wholesale agri-food operations in the Atlantic Provinces.

In this position, you will be responsible for providing technical leadership to the design team, interacting with clients and team members on concepts, timelines and budgets. You will develop the preliminary/ final concept drawings, including reviews and changes as required. You will participate in commercial and residential projects from the design to build stage, evaluating products, materials and applications.

As the ideal candidate, you have a Diploma in Civil Engineering Technology, preferably in Architecture, and are in possession (or in pursuit of) a CET designation. With 7-10 years related experience, you have exposure to commercial construction projects and the ability to manage multiple projects. You have the ability to design, design review and supervise staff in combination with strong budgeting and cost evaluation abilities.

To express interest in this opportunity, please forward your resume (MS Word) in confidence, quoting reference number **4051**, to:

**Angela MacDonald, Senior Consultant**  
**Robertson Surette**  
[angela.macdonald@robertsonsurette.com](mailto:angela.macdonald@robertsonsurette.com)

## Iron-Coated Diatomite as Arsenic Adsorbent

Arsenic is a naturally-occurring element in groundwater, and is a known toxin and carcinogen. Because of these health effects, the Canadian government is in the process of reducing the maximum acceptable concentration (MAC) in drinking water, from the current 25 g/l (probably to 10 g/l – The U.S. Environmental Protection Agency reduced the American MAC to 10 g/l earlier this year). These stricter limits have sparked a great deal of interest in development of new technologies capable of removal of arsenic to very low levels.

It has long been known that arsenic is readily attracted to ferric hydroxide, and in fact coprecipitation by addition of iron salts to water is one method of removing arsenic. However, by impregnating a low-cost substrate with ferric hydroxide, the same chemistry can be employed without the formation of large volumes of precipitated sludge. A media developed by ADI International, known as MEDIA G2, consists of diatomite particles (average diameter 0.3 mm) onto which a ferric hydroxide coating has been applied by spraying on ferric chloride and sodium hydroxide. Diatomite is a natural inorganic substance which is very low cost and has a very high surface area, allowing for a significant ferric hydroxide loading.

The media can be placed in any standard filter vessel, operated in a downflow mode. Vessels are typically sized to provide a 10 minute residence time for the arsenic to bind with the media as the water passes through it.

As with all arsenic adsorbents, this media works best in the pH range of 5 to 7.5, with peak adsorption capacity at pH 5 to 5.5. Maximum capacity has been measured at 2400 :g arsenic per gram of media. Arsenic concentrations up to 1200 g/l have been treated, and reduced to less than 5 g/l.

After becoming saturated with arsenic, the media can be regenerated by passing a 1% sodium hydroxide solution through the filter bed for a period of 45 minutes.

This desorbs approximately 90% of the accumulated arsenic. Because a small amount of the iron coating is removed during the regeneration process, the adsorption capacity of the media declines by about 10% with each regeneration. The arsenic and iron in the regenerant solution combine to form ferric arsenate; by reducing the pH of the regenerant solution to 6.0, this compound becomes insoluble and settles out of solution. Samples of regenerant sludge and arsenic-saturated media have been subjected to the Toxicity Characteristic Leaching Procedure, and were found to be non-leaching and therefore suitable for disposal as non-hazardous waste.

Since 1999, this technology has been employed at 40 locations in the US, Canada, New Zealand, and Japan, treating flows up to 2700 litres/minute.

*Otto Morales, Laboratory Technologist  
ADI international, Fredericton*

---

### Science 1948 1/2 Mature Student Entrance Bursary

Total value: \$60,000 over a four-year period (\$15,000 each year)

Established by the class of Science 1948 1/2 on the occasion of their 50<sup>th</sup> reunion in 1998.

- awarded on the basis of financial need to a mature student entering the first year program in the Faculty of Applied Science.

- applicants must have been out of a traditional system of education for at least three years and demonstrate the potential for academic success to the Dean of Applied Science.

- this award is renewable for 3 more years after year 1, provided a 65% average is maintained and financial need remains evident.

- recipients of the bursary, who will be known as the Science of 1948 1/2 Scholars, must be Canadian citizens.

- the Science 1948 1/2 Mature Student Entrance Bursary application is available on the Student Awards website.

- deadline to submit application: 15 April 2007.

Admission requirements:

- applicants must comply with all admission requirements to Queen's University.

- applicants must be admissible to the Faculty of Applied Science.

- the deadline to submit your application for admission to Queen's University is 17 February 2007

Contact the Student Awards Office for information: Science 1948 1/2 Mature Student Entrance Bursary:

Student Awards Office, Queen's University, Kingston, ON K7L 3N6 [www.queensu.ca](http://www.queensu.ca)

Sandy McFadden, Sr. Awards Officer, Entrance Programs: [awards@post.queensu.ca](mailto:awards@post.queensu.ca) Ph:(613)533-6000 ext.779



# *An affinity for service*

Home and auto insurance

for members of the New Brunswick Society of  
Certified Engineering Technicians and Technologists

## Preferred group rates *and* exceptional service

Insurance program especially for



New Brunswick  
Society of Certified  
Engineering Technicians  
and Technologists



Our home and auto insurance clients are automatically entered.



**Meloche Monnex**

Insurance for professionals and alumni

*An affinity for service*

As a member of the New Brunswick Society of Certified Engineering Technicians and Technologists, you are entitled to our red carpet treatment, with **exceptional service** and **preferred group rates**<sup>†</sup> for your home and auto insurance. Take advantage of your privileged status today!

**1 888 589 5656**

**[TDMelocheMonnex.com/nbscett](http://TDMelocheMonnex.com/nbscett)**

*Contact us today!*



<sup>†</sup> Group auto insurance rates are not applicable in Newfoundland and Prince Edward Island. Due to provincial legislation, our auto insurance program is not offered in British Columbia, Manitoba or Saskatchewan. **The home and auto insurance program is underwritten by Security National Insurance Company and distributed by Meloche Monnex Financial Services Inc.**

\* **No purchase necessary.** The contest is open to residents of Canada who have reached the age of majority where they reside. The approximate value of each vehicle is \$35,000. The contest runs from January 1 to December 31, 2006. In order to win, each entrant, selected at random, must correctly answer a mathematical skill-testing question. For more details on the contest rules and on our company, visit [TDMelocheMonnex.com/nbscett](http://TDMelocheMonnex.com/nbscett).