



Sarnia Institute of Power Engineers

Monthly Newsletter

Spring is Coming



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*There will be NO meeting in April.
We will be meeting in May.*

*Good Luck to all Lambton College Students
Who are writing Exams*

Summary of March 10, 2015 Meeting

For the March 10, 2015 meeting, we have **Mr. Doug Gray of Woodland Biofuels** do a presentation. Mr. Gray discussed who and what Woodland Biofuels is and what it does.

We thank Doug for a wonderful presentation and discussion.



Douglas J. Gray, B.Eng., M.Sc., P.Eng., PMP
Vice-President, Engineering/Construction/Project Implementation

For the past twelve years Mr. Gray has held senior project and management roles for technology companies within the chemical processing industry. He is experienced with the design, construction and operations of process facilities that include the implementation of technologies, ranging from the destruction of hazardous waste to the production of cellulosic ethanol.

Mr. Gray holds a Mechanical Engineering degree from Canada's Royal Military College (RMC) and a Master's of Science in Environmental Engineering from the University of Guelph. He is a Professional Engineer (P.Eng.) in addition to holding the Project Management Professional (PMP) designation from PMI.

Doug began his career with the Department of National Defense, managing flight line maintenance and systems engineering for major projects. His background in both gasification and alternate energy technologies, with an emphasis on project implementation, equips him well for his role as Woodland's lead engineering and construction manager.

Scheduled for April 14, 2015

There will be NO meeting in April. With student exams coming up fast, we will suspend our April meeting.

Good Luck to all PETC and CPET students from the IPE.

Scheduled for May 12, 2015

Our next meeting will be in May. Items to be discussed will be the golf tournament in June and the Duc D'Orleans dinner cruise later in the summer. A fuller agenda will be published next month.

Yes-we will be looking for people to help out with the Golf Tournament, so if you can attend and want to get involved, please come out.



**TO ALL IPE MEMBERS AND ALL LAMBTON COLLEGE
CPET AND PETC STUDENTS !!!**

We want to hear from you. Do you have any suggestions for our meetings or future topics of discussion you would like to see ??? Let us know. This is open to all members and students. We are looking for ideas.

- Presentation topics
- Social Event Ideas
- Plant Tours
- General Discussions

There are no bad ideas. Please send any ideas or suggestions you have to Craig Matthews - craig.matthews@arctic-combustion.com

Thank you

Hi,

The Institute of Power Engineers, Ontario Area is once again presenting an educational opportunity for Power Engineers, Plant Chiefs and Industry Partners. This year the Education Forum will be held in October on Thursday the 22nd and Friday the 23rd. The Education Forum will for years to come be held at this time so as to avoid the fall plant maintenance schedules. We will be once again hold this even at the Four Points by Sheridan near the Toronto Airport. The schedule will for the most part remain the same except for Friday where there will be a 1.5hr legal presentation on labour relations followed by the Plant Chief Round Table.

Attached is this years sponsorship and trade show booth information package ([NOTE-Not attached to the newsletter](#)). It can also be obtained from our website at anytime. Placement of you trade show booth will be based on a first come first serve. We look forward to hearing from you.

Website: [IPE Ontario Education Forum 2015](#)

Sincerely,

Ralf Klopf
Gilles Leclair
Randy Purves
Steve Rajah
Allan Whetter
Don Purser
Education Forum Organizing Committee

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IPE Ontario Area
88 Corporate Drive
Suite 511, Scarborough, ON M1H 3G6
Telephone: (416) 396-3499 Fax: (416) 296-9273



**INSTITUTE OF
POWER ENGINEERS**
- ONTARIO AREA -

2015

IPE Ontario Chiefs' Conference



OCTOBER 22 & 23, 2015

EXHIBITORS REGISTRATION

*Looking to gain visibility?
Sponsor the Event!
Details inside...*



Visit our website at: <http://ipeontario.wix.com/ontario-area>

**FOUR
POINTS**
BY SHERATON
6257 Airport Road
Mississauga, ON

PETC CO-OP MODEL								
Power Engineering Technology – Chemical								
Students eligible for only <u>ONE</u> co-op (either 1A or 1B)								
TERM	Fall AAL 1	Winter AAL 2	Summer AAL 3	Fall AAL 4	Winter AAL 5	Summer AAL 6	Fall AAL 7	Winter AAL 8
		Academic	Academic	Co-op Practicum <u>OR</u> OFF CPL 1049-12	Academic	Co-op Practicum <u>OR</u> OFF CPL 1049-12	Academic	Academic

CPET CO-OP MODEL											
Chemical Production & Power Engineering Technology – 3 year											

CPET (Group A)											
TERM	Fall AAL 1	Winter AAL 2	Summer AAL 3	Fall AAL 3	Winter AAL 4	Summer	Fall AAL 5	Winter AAL 6	Summer AAL 6	Fall AAL 7	Winter AAL 8
		Academic	Academic	CO-OP 1A CPL 1069-02		Academic	OFF	Academic	CO-OP 2A CPL 2069-01		Academic

CPET (Group B)											
TERM	Fall AAL 1	Winter AAL 2	Summer	Fall AAL 3	Winter AAL 4	Summer AAL 4	Fall AAL 5	Winter AAL 6	Summer AAL 7	Fall AAL 7	Winter AAL 8
		Academic	Academic	OFF	Academic	CO-OP 1B CPL 1069-01		Academic	Academic	CO-OP 2B CPL 2069-02	

CPTN CO-OP MODEL – “SECOND CAREERS”						
Chemical Production & Power Engineering Technician – 2 year						

CPTN (Second Careers) <i>*always Group A</i>						
TERM	Fall AAL 1	Winter AAL 2	Summer AAL 3	Fall AAL 3	Winter AAL 4	Summer AAL 5
		Academic	Academic	CO-OP CPL 1069-02		Academic

CPEX CO-OP MODEL (option 1)								
Accelerated Chemical Production & Power Engineering Technology								

TERM	Fall AAL 1	Winter AAL 2	Summer	Fall AAL 3	Winter AAL 4	Summer AAL 4	Fall	Winter AAL 5
		Academic	Academic	OFF	Academic	CO-OP CPL 1069-01		OFF

CPEX CO-OP MODEL (option 2)								
Accelerated Chemical Production & Power Engineering Technology								

TERM	Fall AAL 1	Winter AAL 2	Summer	Fall AAL 3	Winter AAL 4	Summer AAL 5	Fall AAL 5	
		Academic	Academic	OFF	Academic	Academic	POST ACADEMIC CO-OP <i>*No Tax Credit Available</i> CPL 1069-02	

CPEO CO-OP MODEL							
Chemical Production & Power Engineering Technology – ONLINE							

TERM	1 (1) Academic	2 (2) Academic	3 (3) Academic	CO-OP (4)		4 (5) Academic	5 (6) Academic	CO-OP (7)		6 (8) Academic
				Either Jan – Aug <u>OR</u> May – Dec (Follow CPET CPL)				Either Jan – Aug <u>OR</u> May – Dec (Follow CPET CPL)		

The following was received from Lambton College and we are passing it along to our members to see if anyone is interested. All the contact info is included at the bottom.

Lambton College, in response to a request from local industry, is seeking an instructor to develop and deliver a Power Engineering 3rd Class training program.

Our Client will have 2 groups of participants on different dates.

The instructor will be expected to complete the following:

- Develop the training program content using resource materials
- Develop sample tests and work assignments
- Deliver training in a classroom setting 2 days (6 hours per day) per month for 16 months (days will be determined in advance by the Client).
- **First date will be May 7th.**
- Support the students online through D2L for 8 hours per month for 16 months (D2L training will be provided)
- Total obligation is 320 hours of contact time + development time over a period of 16 months.
- Instructors must have 3rd Class certification or better
- Development and instructional rates are negotiable

Please advise asap if you are able and willing to provide the services described above or feel free to share this email with anyone you know who may be interested in this opportunity. If you have any further questions, please contact me or Bryan Aitken (bryan.aitken@lambtoncollege.ca).

André Ouellette, Hon. B. Comm.

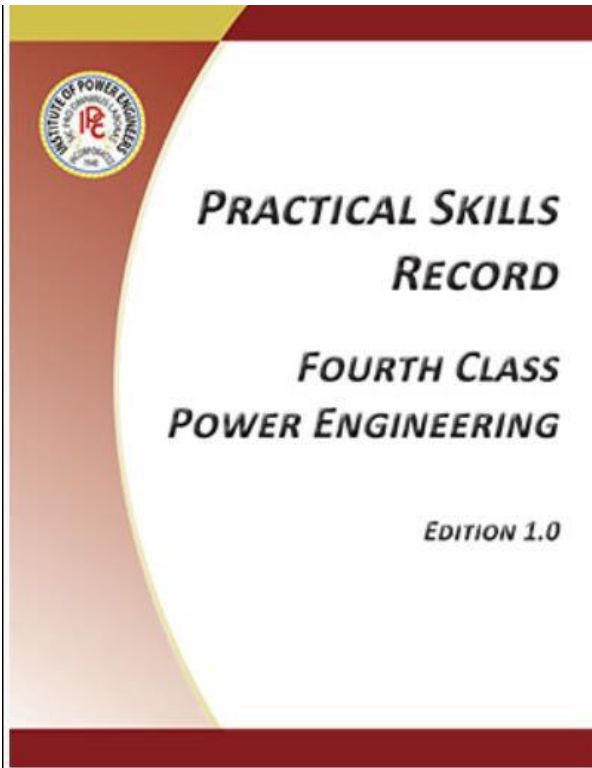
Manager Learning & Training Solutions

Campus Administrator - Fire and Public Safety Centre of Excellence

519-542-7751 x 3811

519-332-9313 (cell)

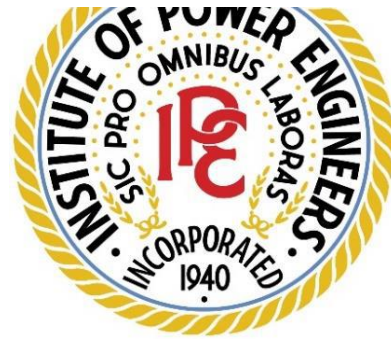




**Ideal for students of
Power Engineering at
Colleges across Canada**

The book is designed as a task validation record for Power Engineering students during their college program, co-op placements and upon graduation. It is the documentation of their learned craft. It should be noted that the book is aligned with the SOPEEC syllabus for topics, titles and order. For convenience it also cross-references to PanGlobal's PE textbooks.

18/02/14



The Institute of Power Engineers (IPE) has formed a partnership with colleges and is promoting the Practical Skills Record. With that in mind, feedback from the colleges is essential. The IPE would like to propose that the colleges include the Practical Skills Record in their tuition fee and implement it into their program. This is a formed partnership with the colleges where future editions would have the college's input. The IPE hopes that all Power Engineering students will eventually get sign-off on the Practical Skills Record to complement their learning experience and validate their completed tasks.

**The Practical Skills Record
is available at:**

PanGlobal Training Systems

Toll Free: 1-866-256-8193

Or Online at:

www.powerengineering.org

Practical Skills Record

This Practical Skills Record book was requested by Power Engineering Trainees and Chief Engineers. Its purpose is to provide organized management and validation of Trainee tasks while acquiring 4th Class 'steam time'. It may also be used by the Trainee as a permanent and transferable record of tasks and work history. The manual is endorsed by the Institute of Power Engineers (IPE) and was developed by members of the IPE, in consultation with industry, learning institutions, and individuals across Canada.



Manual Organization

The book is organized into topics, directly aligned, in title and order, with the topics in the SOPEEC 4th Class Power Engineering Syllabus and cross-referenced with the Pan Global 4th Class Power Engineering textbooks. Each topic is divided into sub-topics (called "Criteria") and each Criteria has a list of tasks that the Trainee is expected to demonstrate. Each set of criteria tasks has a section for signatures and there is a section at the back for validation of additional tasks.



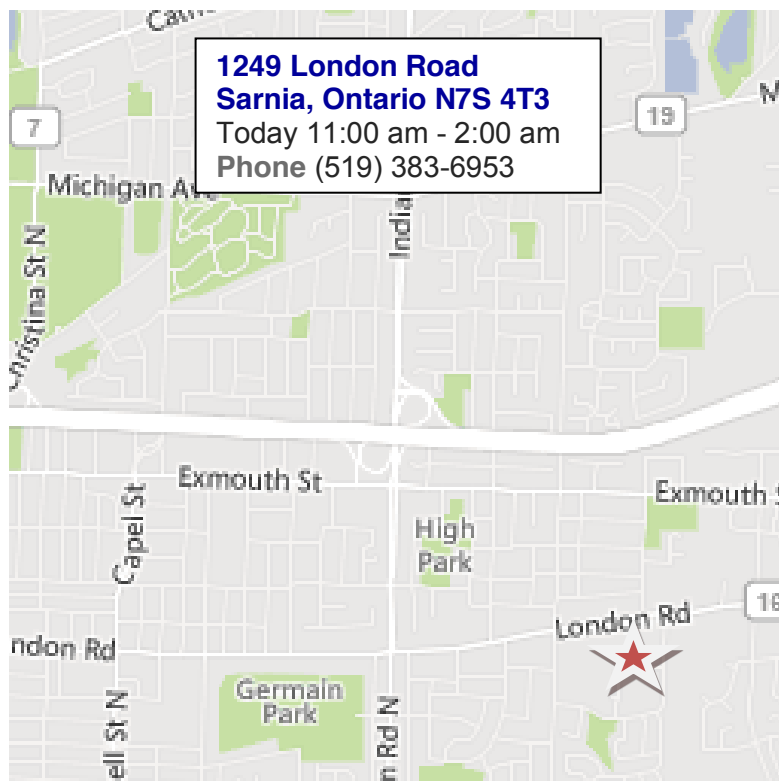
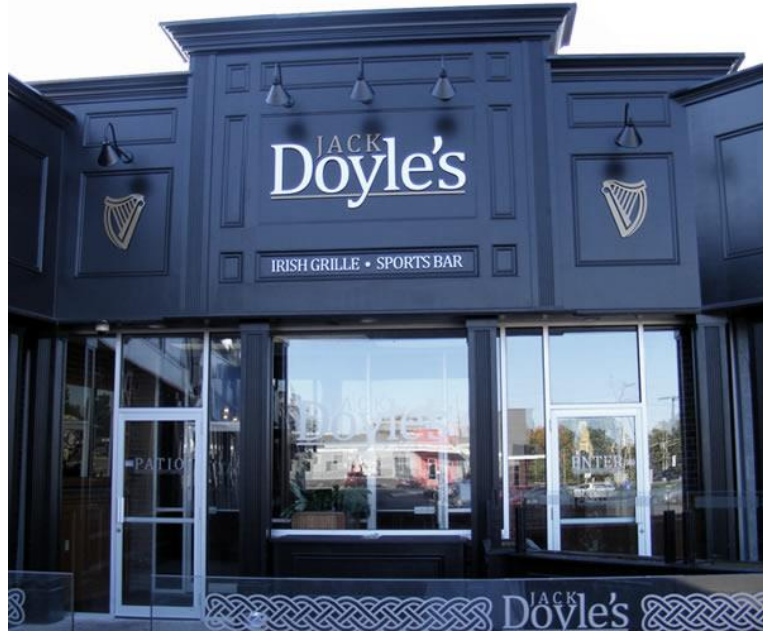
Sarnia IPE Executive

President	Steve Arnold	steve_arnold@cogeco.ca
Treasurer	Meagan Wilson	msegges@hotmail.com
Secretary	Craig Matthews	craig.matthews@arctic-combustion.com

Lambton College IPE Executive

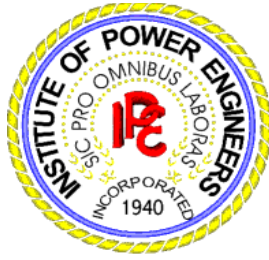
President	Vanessa Wiper	vanessa.d.wiper@gmail.com
Secretary	Sherida Ranson	sherida.ranson@gmail.com
Treasurer	Adrian Bradt	adrianbradt@gmail.com
Tour Coordinator	Amanda Griffith	11rifi.rose.griffith@gmail.com

Our Meeting Location: Jack Doyle's



Sarnia IPE Schedule 2014/2015

<p>September 2014</p> <ul style="list-style-type: none"> - General Meeting - Co-op discussion with Lambton College and panel 	<p>October 2014</p> <ul style="list-style-type: none"> - ControValve 	<p>November 2014</p> <ul style="list-style-type: none"> - Curling-Nov. 21
<p>December 2014</p>	<p>January 2015</p> <ul style="list-style-type: none"> - Bowling-7 pm @ HiWay Bowl 	<p>February 2015</p> <ul style="list-style-type: none"> -Open House at Jack Doyle's
<p>March 2015</p> <ul style="list-style-type: none"> -Woodland Biofuels 	<p>April 2015</p> <ul style="list-style-type: none"> -No meeting 	<p>May 2015</p> <ul style="list-style-type: none"> -TBD
<p>June 2015</p> <ul style="list-style-type: none"> -Golf-TBA 	<p>July 2015</p>	<p>August 2015</p> <ul style="list-style-type: none"> -Duc D'Orleans Cruise



MEMBERSHIP APPLICATION FORM

PROCEDURE : If you clicked on OPEN, go back, click [HERE](#) then click SAVE. This will save form to your computer as an MS Word file. Type in required information and save it on your computer. Print a copy and mail it and payment to the address at end of form.

Date: YYYY/MM/DD

1) ARE YOU APPLYING FOR (Check one only):

New Membership (full Member)

Associate Membership

2) IDENTIFICATION:

First Name: Surname:

Credentials: Birth: DD/MM/YYYY

Address: P.O. Box # (if applicable):

Bldg #: Street: Apt. #:

City: Province: Postal Code:

Country: Canada or:

Home Phone #:

Fax #:

E-Mail Address Prim:

Sec:

3) EMPLOYMENT:

Company Name:

Position or Title:

Address: P.O. Box # (if applicable):

Bldg #: Street:

City: Province: Postal Code:

Country: Canada or:

Work Phone #:

Fax #:

4) POWER ENGINEERING STATUS

- a) Are you a Power Engineer? Yes No
- b) If yes, do you currently hold a valid Certificate of Competency? Yes No
- c) If so, issued in what jurisdiction?
- d) Is your Certificate interprovincially recognized? Yes No
- e) Provincial Jurisdiction File Number:
- f) If not, then to what allied trade or profession do you belong?

5) BRANCH SELECTION

Please select which Branch you would like to be affiliated with. If you are unsure which Branch is closest to you, then you may check the website "AREA MAP" for Branch locations. Applicants from remote areas, or from outside of Canada, may select the Branch of their choice. If you have no preference for a specific branch, you are invited to select the York Branch. French-speaking applicants may select the Montreal Branch for French language service, or the Ottawa Branch for bilingual service.

Note : All membership applications are subject to Branch approval.

- | | | |
|--|--------------------------------------|--|
| <input type="checkbox"/> Calgary | <input type="checkbox"/> Edmonton | <input type="checkbox"/> Hamilton |
| <input type="checkbox"/> Kingston | <input type="checkbox"/> London | <input type="checkbox"/> Montreal |
| <input type="checkbox"/> Newfoundland/Labrador | <input type="checkbox"/> Nova Scotia | <input type="checkbox"/> Ottawa |
| <input type="checkbox"/> Saguenay | <input type="checkbox"/> Sarnia | <input type="checkbox"/> Sault Ste-Marie |
| <input type="checkbox"/> Sudbury | <input type="checkbox"/> Toronto | <input type="checkbox"/> Vancouver |
| <input type="checkbox"/> Victoria | <input type="checkbox"/> Windsor | <input type="checkbox"/> Winnipeg |
| | <input type="checkbox"/> York | |

6) DUES PAYMENT

Please note that dues payment in the form of a cheque or money order payable to the INSTITUTE OF POWER ENGINEERS must accompany this application which is to be mailed to the National Office.

The dues amount is \$115.00 and includes a one-time initiation fee of \$10.00. Future annual dues of \$105.00 will be invoiced annually on the anniversary date of your membership acceptance, and are subject to a \$10.00 discount if paid within 30 days.

The mailing address is: Institute of Power Engineers
PO Box 878
Burlington, Ontario, L7R 3Y7

Please also note that the dues constitute an Income Tax deduction if you live in Canada.

For further information : Website: www.nipe.ca