



**Upcoming 2009 Events:**

- April 30 Open House
- May T&T Awards
- June Canary Soap Box Derby
- Capstone Project
- Fine Furniture Showcase
- Spring Graduation
- July DiscoverTech & TAPs Kids Camps
- Sept. Mechanical Project Showcase



**Ho! Ho! Ho!** You might be wondering what exactly you are holding in your hands. The first page looks like season's greetings, on the other hand it seems to be some kind of a newsletter. The content pages feature industrial trades as well as engineering technologies. Well, there you go — three-in-one — two newsletters and Season's Greetings! Given our fiscal constraints this year and an attempt to be more "green" overall, we decided to combine our cheers with some information "from the floor", effectively creating a value-added year-end/new year's mailout.

As for the newsletter itself, we hope that it will be the first of many to come. We thought that you might be interested to hear every now and then what's going on in the School of Trades and Technology at Camosun College. Although we live in the age of websites and podcasts, we've chosen to stick with this 20th-century time-honoured method for

now. If everything goes as planned, we will issue this newsletter twice a year, or whenever we have accumulated worthwhile news to pass on. For those of you who want to keep in touch on a more regular basis, we'll also be adding an industry page to our homepage in mid-January at <http://camosun.ca/tt/industry>.

Over 113 T&T faculty and staff in Trades & Technology advise, instruct, console, commend, supervise, discipline, direct and steer year round. Among the many activities our faculty and students participated in annually are Capstone projects, technology showcases, soapbox races and engineering contests are accompanied by Skills Canada competitions, DiscoverTech & TAPs Kid's Camp, YES2IT, T&T Awards Ceremonies, National Technology Week.

We have got lots to celebrate. In 2007-8 our School saw over 3,000 students enter their chosen careers. In the coming year, we are also working on several large projects to expand our reputation as a comprehensive industry training centre, including an Advanced Metal Manufacturing and Prototyping Centre, an eco-village showcasing sustainable practices, and collaborating with the Marine Institute in St. John's, Newfoundland on oceans technology. These are the flagships in our quest to become a true technology transfer hub.

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*School Photo:*  
 Front row: Rod Lidstone, Chair, Plumbing & Piping; Peter Burrage, Chair, Civil Eng. Technology; Cam Russell, Chair, Architectural Trades; Ian Warrender, Instructor, Electrical Trades;  
 Back Row: Ranjan Bhattacharya, Associate Dean; Kathy Lokhorst, Co-op Coordinator & Instructor, Mechanical Eng. Technologies; Ray Fischer, Chair, Mechanical & Metal Trades; Alan Duncan, Chair, Electronics & Computer Eng. Technologies



## TECHNOLOGY NEWS



### Seasons Greetings from Co-operative Education and Student Employment at Camosun College

A very big “Thank You” to all of you who contributed to the success of our students and programs in one, or more, very valuable ways in 2008! Your willingness to participate in mock interviews, networking and work place education sessions as part of our Workplace Education Prep, to meet individually with students researching their chosen career field, and to hire our co-op and graduate students is greatly appreciated. Your time and effort go a long way in supporting the success of our students, your future employees and colleagues in your profession.

As the saying goes, with literary license, “it takes a whole community to raise a technician or technologist”. Students who participate in co-operative education report greatest satisfaction from their learning experience in school, higher wages upon graduation and faster promotion in their careers. Without the support of our community of employers, PAC members, Camosun faculty, staff, and others, these advantages would not be available to Camosun Engineering Technology students.

2008 saw the redesign of the Workplace Education Prep, and this fall the course content went online supplemented by expanded highly interactive and practice-oriented workshops. Students, employers, and other participants have been “wowed” by the experience and opportunity to meet each other in this non-traditional experiential learning environment.

Again, in 2008, students showed their appreciation for their co-op work experiences and work places by entering the annual Co-op Photo Contest. (pictures above) Check out student photos at: <http://camosun.ca/coop/>. Is your student there? Please accept our very best wishes for an easy and enjoyable holiday season. We look forward to working with our community of employers and supporters of co-operative education in 2009.

Nan Judd, Employment Facilitator; Travis Parsons, Employment Assistant; Kathy Lokhorst, Co-op Coordinator  
<http://camosun.ca/services/coop/>



Camosun Celebrates November Awards Ceremony featured the **Community Impact Award** given to Jeffery Stephen representing the Mechanical Engineering Department for engaging faculty and students to volunteer with the annual Canary Soap Box Derby by designing a soapbox car which placed in the June 2008 local fundraiser for the BC Cancer Foundation and Canary Foundation. In September the team continued triumph by placing first in the Red Bull Soapbox Race held in Vancouver, BC.



**Applied Science Technologists & Technicians of British Columbia (ASTTBC)** representative Jason Jung talks with second year Technology students about membership opportunities visiting November 28, 2008.



**Electronics and Computer Engineering Technology now has a “bright” addition with Renewable Energy!**



Will Spaulding, Instructor from the Mechanical Engineering Department recently finished the design and creation of an environmental chamber on wheels to acclimatize athletes for very hot and very cold conditions. This modified recreational vehicle has been used by many athletes including the Canadian triathlete team to prepare them for their medal willing performance at the 2008 Beijing Olympics. If that’s not enough, Spaulding is also working with colleagues at Camosun to develop an environmental testing facility in order to construct a green building centre on campus.

## TRADES NEWS

**Record Enrolment in the Trades** — Camosun's Trades division leads as one of the most efficient large training institutions in BC, with an overall utilization rate of over 95%.

**ITA Related Changes**— Over the past year, all trades training providers in the Province of British Columbia have been working with the Industry Training Authority (ITA) and the Industry Training Organizations (ITO) to implement changes to the trades training system. In the new year, the ITA will be rolling out a new online Apprenticeship system (rITA) that will eventually be accessible to all training institutions, apprentices and their sponsors. As we work our way through these transitions, we'll keep you informed. You may also want to check out the ITA website at [www.itabc.ca](http://www.itabc.ca).

## Trades & Technology



We make things work.

**New Apprenticeship Office**— Starting in January 2009 apprentices will have a new place to turn to in the Jack White Building—Room 122. Olaf Nielsen, Trades Training and Development Coordinator, and Karen McNeil, Acting Assistant to the Dean will provide assistance to students from this location. The Apprenticeship office will play a key role in the Trades administrative team and ensure that quality service is provided to students, potential students/apprentices and their employers.

**Culinary Arts**— Graduates of Camosun's Culinary Arts program continue to rack up national and international titles in Culinary competitions. Brooke Winters, who won the Provincial challenge in February and the 2008 National Knorr / CCFCC Junior Culinary Challenge in Montreal in April, recently participated in the IKA Culinary Olympics 2008 in Erfurt, Germany. Looking for a place to have lunch? Why not try out one of the full course meals prepared by our students daily in the Helmut Huber Cafeteria or for a special dining experience in the evening, try out our own Classroom Restaurant. For more information or to make a reservation, call 370-3775 or visit <http://camosun.ca/learn/programs/culina/culina-restaurant.html>.



**Horticulture** — This year we welcomed Paul Alison and Lisa Greig to our Horticulture staff. They bring both new energy and excellent varied background to the classroom and greenhouse! Keep an eye out for the Student's Plant Sale which will take place in early spring and helps support their activities.

**Fine Furniture** — A big thank you goes out to Cutting Edge Woodworks who recently donated hundreds of thousands of square feet of high quality veneer to the program.

**Carpentry** — Recently the hard work of Tom Newton and other program leaders and instructors across the Province has led to a unified set of teaching modules across the province. Under the leadership of Mark Swanick, Carpentry students have also been lending a hand to Habitat for Humanity, gaining first hand experience on the job site and gaining the rewards that come with making a difference.

**The South Island Partnership (SIP)** provides smooth transition for secondary students in the south island region to trades careers. This year we supported over 150 students in their transition to employment in the following trades: Automotive Service, Carpentry, Cook, Electrician, Joiner/Cabinetmaker, and welding. We look forward to working with our school district and employer partners in the new year!

Kelly Knister, Coordinator  
To find out more about SIP, see [www.camosun.ca/sip](http://www.camosun.ca/sip)



## Seasons Greetings

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Want to know the latest T&T News?

Check out our home-page:  
[www.camosun.ca/tt](http://www.camosun.ca/tt)

Is one of your new year's resolutions to try and be a bit more "GREEN" and sustainable in your practices? E-mail [atkinsa@camosun.bc.ca](mailto:atkinsa@camosun.bc.ca) to have your issue of the T&T News sent electronically!



**A SPECIAL THANKS TO EVERYONE FROM INDUSTRY AND THE LOCAL COMMUNITY WHO CONTRIBUTE TO THE SCHOOL IN SO MANY DIFFERENT WAYS AND TO OUR PROGRAM ADVISORY COMMITTEE (PAC) MEMBERS.**

#### AUTOMOTIVE:

G Brouwer, Parkside Motors ,M Cormack, Campus Nissan, N Gustafson, Ellice Automotive ; K Jansma, Glanford Auto Service; B Miller, Searles Auto Repair; D Moyes, Speedway Motors; T Ostrinski, Progressive Motor Sports; G Rand, Rand Auto; B Reid, Fleet Maintenance; N Simoes, Simoes Auto; L Stamm, Automotive Training Standards Organization; F Van Bree, Flint Automotive Centre ; G Whitten, Fairfield Certigard

#### CARPENTRY:

C Barker, Oceanview Construction; G Baynton, Construction Association of Victoria; T Burch, Home Warranty Solutions; J Burkhart, CANPRO Construction; R Callaghan, PCL Constructions Westcoast Inc.; D Colangeli, Colangeli Construction ; D Coleman, CITO; W Cox, UBC Carpentry's Local 1598; C Edge, Canadian Home Builder's Assoc.; W Farey, Campbell Construction; D Gaudet & Ms. Patricia O'Brien, HD Form; J Knappett, Knappett Projects ; W Knight, WR Knight Contracting; D Piluso, Piluso Construction; R Ribic, Scansa Construction ; B Rumpel, Rumpel Construction; B Scroggs, Farmer Construction

#### CIVIL ENGINEERING:

V. Chen, District of Langford; B Cunnin, Brad Cunnin Land Surveying Inc.; R Ding & D Marchall, The Corporation of the District of Oak Bay; C Doyle & K Kaiser, Municipality of Saanich; C Jones, Resolutionaries; D Mann, Mann Engineering Corp.; B Molnar, City of Langford; E Nelson, Focus Corp.; G Ovstaas, Ovstaas & Assoc. ; G Prince, Personal Consultant; D Stedeford, Levelton Consultants ; K Sterne, Thurber Engineering

#### COMPUTER SCIENCE:

P Arctander, PARC Systems Inc.; J Armstrong, Ministry of Environment; D Ash, Vivid Solutions; S Caldwell, OA Solutions; M Chadwick, Personal Consultant; J Falkins, Compugen Inc.; T Grogan, Victoria Sierra Systems; H Rodenburgh, Byron Consulting Group ; T Runsewe, Personal Consultant; J Tepoorten, Ministry of Attorney General/ Solicitor General/ Aboriginal Relations & Reconciliation; S Zapp, Agressor Americas

#### CULINARY ARTS:

D Green, PROPEL Industry Credentials; S Irving, Camille's Fine Westcoast Dining; T Ito, Fairmont Empress Hotel; J Keenlside, Oak Bay Marina; R Parrotta, Butchart Gardens; I Rennie, The Westin Bear Mountain Victoria; D Rogers, Marriott Victoria Inner Harbour Hotel; C Stoneman, Delta Victoria Ocean Point Resort and Spa; R Walker, School District; S Walker-Duncan, Ambrosia Conference & Event Centre Simple Elegant Cuisine; J Wolfe, Fernwood Inn

#### ELECTRICAL:

M Brewis, Brewis Electric Co. ; D Cahill, Electrical Contractors Assoc. of BC; D Coleman, CITO; J Cowie, ex-officio; J De Geoy, Emery Electric; D Moss, Patriot Electric ; C O'Connor, William Head Institute; I Pye, BC Safety Authority Engineering Risk Control; T Stewart, Pope & Talbot , Harmac Pulp Operations; P Venoit, International Brotherhood of Electrical Workers; LvWilliams, Houle Electric ; C Wong, Department of National Defense

**COMPUTER & ELECTRONICS ENGINEERING:** S Balding, Schneider Electric; P Breen, Capital Regional District, Environmental Services Department; D Harris, Ministry of Forests and Range, Information Management Group; P Jones, FTS Forest Technology Systems ; L Kubek, Quester Tangent Corp.; R Phillips, Axys Technologies Inc.; J Puritch, Reliable Controls ; G Shera, Loud Technologies Canada

**FINE FURNITURE:** W Cargill, WJ Cargill Furniture Design; B Dodge, Inwood Design; C Duthie, Saltspring Woodworks; R Heatley, Woodstock Designs; J Stiven & K Coley-Donohue, Vintage Woodworks Inc; J Gelinis & S Carr, Geli-

nas – Carr Furniture; J McDonald, South Island Woodworks; E Sadler, Live Edge Design; G Windebank, Windebank Woodwork and Design

**HEAVY DUTY AND COMMERCIAL TRANSPORT:** E Crocker, Don Mann Excavating; D Eigler, Slegg Lumber ; G George, Pacific Marine Diesel ; T Jury, B & D Lift Truck Services; D Lindsay, Chew Excavating ; K Marc, Finning Canada; D McAra, Municipality of Saanich, Fleet Center Operations; T Metters, Nixon Bros. Truck Repair; N Reid, BC Transit; D Weeds, Independent Concrete ; G Wicks, Wilson & Proctor

**HORTICULTURE:** B Cook, Sooke Harbour House Hotel; R Dening, Brentwood Bay Nurseries ; R Los, Butchart Gardens; G Nickel, Cannor Nursery; D Piller, Cordova Bay Golf Course; B Russell, Russell Nursery; B Spencer, Applied Bionomics; N Violini, Bartlett Tree Experts Company Canada; Danya Wallace, Bear Mountain Resort

**MECHANICAL ENGINEERING:** A Anthony, Herzberg Institute of Astrophysics; Z Dong, University of Victoria; J Francisty, Pacific Energy Stoves; M Healey, Kennametal ; M Makortoff, Hazco; D Mueller & M Swan, Viking Air ; R Phillips, Axys Technologies Inc; J Piotrowski, Business Consultant; B Rempel, Carmanah Design and Manufacturing Inc.; J Watkins, School District 64 Gulf Islands; G Wood, Profile Composites Inc.

**NAUTICAL:** Capt D Badior, BC Ferry and Marine Workers' Union; B Barnett, Ocean Crewing Network Inc.; H Bates, Department of National Defense; M Birch, Canadian Coast Guard Pacific; M Corfield, Nuu-chah-nulth Tribal Council; G Reza Emad, University of Victoria; J Joyce, British Columbia Ferry Services Inc.; D Kimmett, Canadian Forces Base Esquimalt; P Lumsden, Intl Longshore and Warehouse Union, Local 400; P Marshall, Ocean Industries Inc.; A McGillivray, Prince of Whales; Capt. P Nelson, Council of Marine Carriers; Capt D Roslee, Transport Canada, Marine Safety; B Strom, Pacific Coast Fisherman's Mutual Marine Insurance Co.; A Vingsnes, Canadian Merchant Services Guild; T Whyte, Intercon Marine Inc.

#### PLUMBING & PIPE TRADES:

D Coleman, CITO; D Denham, Apex Steel & Gas; D Dhillon, Vancouver Island Piping Industry Joint Training Committee; D Houston, Mac's Heating ; E Lindquist, Cascade Fire Protection ; A Macpherson, Cairnview Mechanical ; B Menzies, Menzies Plumbing & Heating ; S Millett, Miles Plumbing Services; D Penner, Caird Mechanical Contractors ; L Richardson, RITO; K Rozon, West Bay Mechanical ; D Small, Lokerbie & Hole Contracting ; C Smith, C & R Plumbing ; D Speller, BC Safety Authority; C Vincent, Catalyst Paper Corporation

#### SHEET METAL:

J Bull, J. B. Sheet Metal; D Coleman, CITO; M Curtis, Sheet Metal Workers' Local 276; S Farmer, Associate Sheet Metal Products; D Garrington, Amstel Metal Products ; R Mylie, Victoria Shipyard Co. ; T Sjerven, Viking Air ; B Strelaef, Robertson Sheet Metal

#### WELDING:

H Baart, Ramsay Machine Works ; P Brown, Accord Metal Fabricators ; D Clarke, Clarke Engineering & Welding ; T Cross, Fleet Maintenance Facility Cape Breton; S Gruenheit, Nicholson Manufacturing ; B Huber, Jenkins Marine ; R Jennings, United Engineering ; K Kay, Canadian Welding Bureau; J Kujundzic, Victoria Shipyards Co. ; R Kutcher, Intercon Marine Inc.; A Moore, Colonial Railings ; D Stroink, Thomcat Trailer MFG; N Wicket, Esquimalt Dockyard Company

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