



The mission of BCIT is to provide British Columbians with world-class, job-ready skills for career success.



BCIT invaded by 170,000 crawly critters

It's the invasion of the worms — the first of its kind on a college or university campus in Canada.

About 170,000 crawly critters called red wigglers wormed their way into BCIT recently thanks to a new campus composting program that was launched on Earth Day, April 22.

Burnaby Mayor Doug Drummond and Burnaby-Kingsway MP Svend Robinson were amongst the crowd of staff and students who celebrated the grand opening of BCIT's organic waste composting program.

Over the next few years the worms will chow down on cafeteria waste such as coffee grounds, fruit peelings and vegetable cuttings — in the process creating rich compost for the school's lawns and gardens.

The worms will process 73 kg (160 lb) per day of organic waste from the Campus Cafe and Town Square cafeterias, and produce about 13.5 tonnes (15 tons) per year of fine, organic compost. Vermi-composting (composting with worms) will reduce on-campus waste by more than 27 tonnes (30 tons) per 10-month academic year.

Over time, as the worms proliferate, they can be harvested and sold, or used on campus to expand the composting program to other areas. High-grade humus produced by vermi-composting can be used on campus as a natural soil conditioner. This will save BCIT \$2400 per year in chemical fertilizer costs.

Worm castings are considered the best all-around fertilizer available. Greg Helten from the Student Association's Environmental Education program says he hopes to expand the program to all the cafeterias on campus.

Thanks for the worms

Jack Taillon is the man responsible for coordinating the creation of BCIT's composting program. The Student Association hired him under the E-Team grant program from the NDP government in August 1996. Tallon conducted organic waste studies and a pilot composting project throughout the fall.

Taillon developed effective working relationships on campus and secured an agreement from all parties that we could go ahead and build the worm bins. Funding for materials came from BCIT's Physical Plant and the Environmental Awareness Committee, headed by Terry Milligan. Along with Dean Lamont from the Food For All Foundation, a non-profit organization, Greg Helten from the Student Association's Environmental Education Program, and some great volunteers, Taillon coordinated the building of six large wooden bins to house the red wigglers.

Taillon's contract with the E-Team and the Student Association is over now, but we won't forget him. Thanks for doing a great job, Jack....and thanks for the worms.

— from Greg Helten



Children from BCIT Day Care Centre lend environmentalist Dean Lamont a helping hand with the red wigglers.



Burnaby mayor Doug Drummond (L) and Burnaby-Kingsway MP Svend Robinson (R) supporting BCIT's organic waste composting system.

BCIT offers Kodak Imaging courses

Capturing the perfect image can enhance a document if you know how to work with the image effectively. A new series of Kodak digital imaging courses at the Downtown campus is training both technical and design minded individuals how they can make the most of their work.

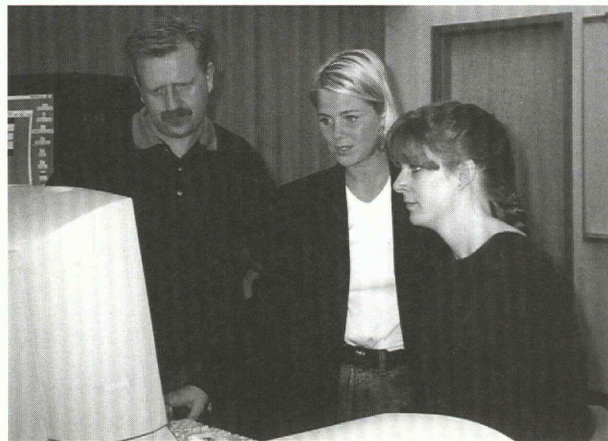
"The courses have basically been designed for people who have been thrown into desktop publishing at some point in their career, but who haven't necessarily been trained in that area," says Lianne Bergeron, an independent consultant and trainer who developed the Kodak Imaging courses. "There is a large group of people out there who, over night, had to know all about design and

pre-press production."

Bergeron says the format is short, three-day intensive courses that will allow the student to return to work with the necessary skills to produce a finished product.

Say cheese

The Overview course was the first in a series of Kodak Digital



Lianne Bergeron (centre) assists students in BCIT's Kodak Digital Imaging course.

Imaging Courses. The images we used were photographs we'd taken ourselves using one of Kodak's Digital Cameras and then downloaded onto a PC. Once the images are on the

computer they can be enhanced and used for various purposes such as newsletters, flyers, technical manuals, E-mail pictures, etc. Kodak provided a few different models of Digital Cameras giving students a feel for different quality images.

BCIT Audio Visual Services have the Kodak DC50 Digital Cameras available for loan at both the Burnaby campus 432-8780 and the Downtown campus 451-7620.

At present the cameras in AV are limited in memory capacity allowing one to store only seven to 22 pictures in the camera, depending upon the quality of picture required. To increase this capacity memory cards have to be purchased and inserted

into the camera. Once the images are stored in the camera they are then downloaded to the computer with 'Photoenhancer' software, which is provided with the borrowed camera.

The DC50 camera has a 3x zoom lens with close-focusing mode so you can frame the picture for best composition. The camera gives you great versatility in both taking and using pictures for computer display and output and is as easy to use as a 'Polaroid' camera. You'll quickly be using bright colorful pictures in presentations, reports, databases and web pages.

— from Derek Walmsley BCIT staff member who recently attended the Overview course.

A celebration of difference

The Great Hall was abuzz with activity on Wednesday, April 16, as members of the campus community came together to celebrate Diversity Day. The event was a chance for the many groups and initiatives on campus supporting diversity to highlight their offerings.



(L-R) Deanna Rexe and Lisa Moy of the NOW Project were members of the Diversity Day committee.



Exhibitors included BCIT Day Care. Seen here are (L) Darla Young and (R) Wendy Tetzlaff.



Representing First Nations programs and services were (L-R) Gary Oleman, cultural advisor; Kim Cameron, Broadcast Journalism student; Brenda Ireland, coordinator; and Bob George, elder advisor.

Open House coordinator named

Judy Merrett, a BCIT Marketing Tourism student, was recently hired as the Open House '98 student coordinator. Merrett says she's looking forward to the challenge and the opportunity to increase BCIT's profile with the external community. Merrett has already started to think about getting her team together and hopes to establish a lot of the ground work over the summer months. *Congratulations Judy!*



Judy Merrett

Bright future

This original oil painting was created by internationally renowned Vancouver artist Joe Average to commemorate the grand opening of BCIT's new Downtown campus.

The Development Office has reproduced this painting in the form of signed limited edition prints (only 100 produced) and posters. Until quantities last, you may purchase a limited edition print @ \$200.00 or poster @ \$14.95 (all prices include tax).

To order your limited edition print or poster, contact:



Bright Future.

Kelly Beatty
BCIT Development Office
Phone (604) 432-8643
Fax: (604) 436-5762 or
email: batk4017@bcit.bc.ca

PAWWS

(Personal and Workplace Wellness and Safety)

Tidbits from the Osteoporosis Lunch and Learn Session

Did you know:

- Osteoporosis is a disease in which bones become porous, brittle and weak, and are more likely to fracture.
- It is estimated that one in four women and one in eight men over age 50 suffer from osteoporosis.
- By age 70, one in two women will have osteoporosis.
- If you are gradually shrinking in height, you may be experiencing bone loss and could be an osteoporosis candidate.
- There is no effective cure for osteoporosis but prevention is possible.
- The age people are being afflicted by osteo is dropping probably due to eating patterns and a more sedentary lifestyle.
- The following lifestyle factors increase the chance of osteoporosis: smoking cigarettes, dieting, drinking more than two alcoholic beverages per day, little or

- no daily exercise, sitting for long periods of time, drinking more than two cups of coffee or tea daily, taking in less than 700-1000 mg of calcium per day, taking in less than 100 iu of vitamin D per day (400 is recommended), emotional or physical stress.
- Physical risk factors include: being a woman of age 50 or over, low body weight for height, having fair colored skin, being of Caucasian or Asian descent, having a family history of osteoporosis.
- If you add a tablespoon of vinegar to your soup stocks, the vinegar will leach the calcium from the soup stock bones and add further nutrition to your culinary creation.
- You should eat the bones in your canned salmon. They can easily be mashed and are very high in calcium.
- Using yogurt when making dips also helps add some calcium to your diet.
- When taking calcium supplements, it is absorbed

- best when taken after a meal. If you are taking more than one tablet, take the tablets at different times in the day for greater effectiveness. Look for the amount of "elemental" calcium when buying your supplements. It is the amount of elemental calcium that you are wishing to ensure is adequate in your diet. To make sure that you are getting the most out of your supplement, dissolve the tablet in a glass of water to see how much of it is actually dissolving inside your body.
- The number to dial for a dietitian is (604) 732-9191 for assistance with your nutritional questions.
- The number for the Osteoporosis Society of BC is (604) 731-4997 if you wish further information regarding osteoporosis.

— from Susan Ney

Using the balanced scorecard

Make strategy and organizational change work with help from live satellite event

More than two-thirds of reengineering efforts achieve only marginal results at best, because organizations have no means of quantifying and following up on change.

The key to implementing strategy and organizational change is the Balanced Scorecard Framework, developed by David P. Norton, in partnership with Harvard Business School professor Robert S. Kaplan.

The Balanced Scorecard System allows you to:

- translate the corporate vision statement into a strategy that can be understood and communicated;
- develop operational, realistic, timely and quantifiable performance measurements;
- communicate the strategy both vertically and horizontally through the organization; and
- identify and define action steps needed to accomplish strategic goals.

In this two-and-a-half hour interactive video-conference, held simultaneously with a live conference, you'll have an opportunity to hear from both Kaplan and Norton, as well as a distinguished panel of practitioners who have made full use of the BSC in their organizations.

When: Wed., May 21, 1997
Where: TownSquare D
Time: 1000 - 1230

For more information please contact Bob Pollard at 8300.



A little bit of BCIT history

The following article was originally published in the *Columbian newspaper*, Friday, June 11, 1965

Higher Education or any old job decision of thousands of grads

Technology Institute offers a compromise

This month, thousands of young BC citizens will graduate from high school and enter the labor market or go on for further education.

Few high school graduates have more than the basics needed to start acquiring the valuable skills for which industry pays good wages. For example, a basic high school education does not qualify graduates as geologists, engineers or lawyers.

It is the "either/or" aspect of this decision that makes many young people throw up their hands in dismay and apply at the nearest eatery for the position of dishwasher. They simply do not want to go on to four more years of university.

The British Columbia Institute of Technology offers a choice between the two extremes. Its graduates will qualify for better jobs after completing an intensive two-year program. They will receive specialized training in a chosen field with an appreciation of the work done by both the craftsmen and professional men working with them. Upon graduation they will receive a National Diploma of Technology and be qualified to work at the semi-professional level.

The institute graduate can be described in three ways:

1. He occupies the position between the craftsmen and the engineers.
2. He is trained to apply engineering, scientific, business or professional concepts to trade, or industry or businesses.

3. He is more specialized than an engineering, having a working understanding and competence in a particular field.

Located in Burnaby, the institute sits on spacious, well-kept grounds on Willingdon Avenue, near the Grandview Highway and the Port Mann Freeway. This places it near the centre of the Lower Mainland.

The buildings are examples of attractive, yet efficient architecture featuring large hallways and ample work space. The objective of the institute, to produce students with superior skills, are apparent in the physical plant and the equipment that are the best of their kind. Five million dollars were required to construct the ultra-modern buildings. Into these went two-and-one-half million dollars worth of the most up-to-date equipment available.

In the forest products, for example, there is equipment that duplicates that of one of BC's major industries, and the students produce fine paper from wood chips.

In the materials testing laboratory, complex instruments are located that can measure the properties of materials ranging in size from a human hair to a 12-ft beam.

The young man or woman aiming for a diploma of technology can choose from 17 categories — 12 in the scientific field, two in medical and three in business. They are: building, chemical and metallurgical, civil and structural, electrical and electronics, food processing, forestry, forest products, gas and oil,

instrumentation and control, mechanical, mining, surveying, business management, hotel, motel and restaurant management, broadcast communications, medical laboratory and medical radiography.

With the exception of the two medical technologies, all will be offering concentrated training in a two-year curriculum — 15 weeks from September to Christmas and 20 weeks from January to June. Each week will consist of 35 hours of tuition divided between 15 hours of lectures and 20 hours of laboratory work. This laboratory work may include seminars, field and shop work, tours of actual operations in the field, study and problem periods.

The institute is not a vocational school. Requirements for enrolment include graduation from Grade 12 on the university program. Training is different, not inferior, from that of a university. Emphasis is placed on a sound knowledge of mathematics, English and the sciences. The training is different because it meets different needs. The atmosphere of the institute, apparent even to the casual visitor, is one of serious, enthusiastic learning by students working in their chosen fields.

Fees are comparatively low at \$60 for the first term of 15 weeks, and \$90 for the second term of 20 weeks. Those for the medical technology courses are somewhat different. Government scholarships and other financial assistance are available to those qualifying for entry.

Professional development opportunities

To register for these workshops, phone Karen at the Learning Resources Unit (8927) or profs "develop".

Student Information! What You Can and Can't Do With It

When: Tuesday, May 6, 1500 - 1700

Where: Rix Club

Facilitator: Diane Fru, Consultant, RDF Management Ltd.

Question: What BC Act proclaimed in 1994 affects the faculty at BCIT?

Answer: The Freedom of Information and Protection of Privacy Act.

This session provides faculty with practical information on how to handle personal information of students and others to conform with the requirements of the law. This workshop specifically addresses the following:

- concepts and principles of the legislation, including what is covered under the term personal information
- how personal information is to be collected, used and secured
- how the Act applies to specific situations faculty members face

You will receive an advance information package. If you have specific issues you would like included, contact Phyllis Johnson at (604) 432-8529 ahead of time to ensure they are addressed. This is a fast-paced, interactive session specifically for the faculty at BCIT.

Co-sponsored through the BCIT Office of Freedom of Information and Protection of Privacy and the Instructional Development Fund

Free to all participants.

Problem Based Learning (PBL): An Introduction

When: Wednesday, May 7, 1200-1400

Where: Town Square D

Facilitators: Lynn Field, Nursing Instructor and Ann Houseman, Nursing Chief Instructor (Level 3)

Problem-based learning (PBL) has three main characteristics:

- It is student-centred learning.
- Teachers in PBL courses take on different roles than they do in lecture-based courses.
- Problems serve as the initial stimulus and framework for learning.

Want to learn why it's worth the effort? Hear how it is working in the Nursing program at BCIT. Topics include:

- the purpose of PBL
- the curriculum decisions that might be made
- the role of the tutor and students
- issues of control and independence for faculty and students

Free to all participants. Lunch will be provided.

Instructor Training - Student Learning Skills

Thursday-Friday, May 29-30, 0830 - 1600

Facilitators: Barbara Davis and Michelle Kearns, Instructional Development Consultants, BCIT Learning Resources Unit

At this workshop you will learn ways to help your students develop a variety of skills: notetaking, memorizing, time and stress management, test writing and reading. These skills can be taught within your own curriculum or this session can qualify you to teach a Student Success Course.

BCIT employees: No charge

Others: \$250

* Before this date full and part-time BCIT employees will be registered on a first-come, first-served basis. After this date, registration will open to others as well as continue for BCIT employees, if the workshop is not filled.

These workshops are funded through the Instructional Development Fund, established in 1989 through an agreement between BCIT and its Faculty and Staff Association. Anyone may attend.



Still cruisin'

BCIT's Displacement Cruising Club is planning the annual May long weekend cruise around DeCourcy Island. Join the gang in Pirate's Cove, DeCourcy Island Friday May 16 in the afternoon/evening (whenever your fair vessel arrives) for a relaxing weekend. For more information or to arrange transportation call Kurt Traugott at 8678 or Mike Thomas at 8240.

Oops we goofed...

In the April 29 issue of Update on page 2 **Some assembly required** story, we said the police cruiser was to be painted by students in the Painting and Decorating program. Students in the Auto Collision Refinishing Program will be responsible for the painting.

Please note the 1996/97 Bursaries mentioned on page 2 were made possible thanks to the BCIT Christmas Card Fund, which uses funds previously allocated to the production of Institute Christmas cards.

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Managing Editor:
Carol Dion, 432-8865

Editor:
Sheila Rees, 451-6900
profs srees

Contributors:
Greg Helten
Learning Resources Unit
Jenny McCune
Susan Ney
Bob Pollard
Sheila Rees
Derek Walmsley

Photographers:
Mike Gdowski
Bert Schendel

Design, layout, and prepress production:
Janice Beckett, 432-8738

Distribution:
Mary Murray, 432-8410

PROFILE

Ship to shore

The Pacific Marine Training Campus (PMTC) has a new captain at the helm who brings more than 40 years of marine experience to the job, including 15 years at sea on everything from small coastal vessels to passenger ships and tankers.

Captain Robert Kitching came to Canada from the United Kingdom, where he completed his naval training as a cadet aboard the training ship HMS Worcester.

"I came to visit Expo 67 in Montreal and never left," he says. "During my first six weeks I travelled across the country literally from coast to coast, by train from St. John's, Newfoundland to Vancouver.

"When I arrived in Vancouver, a month after Expo closed, the government announced that many illegal visitors who were still in the country would be allowed to apply for landed immigrant status," adds Kitching, who 30 years later clearly, calls Canada home.

Kitching is a bona fide "BC Booster," and of all the places he has sailed to, he says that Vancouver really has the most to offer. "The city meets almost all of my expectations, including climate and scenery. British Columbians are generally friendly," he says, "both tolerant and welcoming."

This is high praise from a man who has literally sailed around the world and has fond memories of places that most of us only ever see on a map.

Before going to PMTC in 1990, Kitching worked in both the private and corporate world, including being president of a consulting company specializing in transportation and marine operations. He was also director of special projects for the Johnston Group of Companies, general manager and CEO of the Port of Prince Rupert and corporate traffic manager for a major forest company in Eastern Canada.

At PMTC Kitching was most recently the Nautical chief

instructor. In this role he taught navigation and professional certification qualifications for deck officers in the Merchant Navy.

Kitching sees his role as associate dean as enhancing the profile of the institute and expanding the mandate to offer courses for the recreational sailor. He also says: "Traditionally we've taught mid-level professional development courses. For the future, I'd like to see more entry-level courses. This kind of training will give our faculty an opportunity to get involved in certain areas that they may not have been in for several years."

With respect to personal goals, Kitching is looking at the bigger picture for the institute, providing training that crosses some of the traditional boundaries set by schools. "For example," he explains, "the cruise ship industry has a great need for pursers and safety and security officers who possess

business management or security training skills. If we repackage what we do well, and combine with the BCIT School of Business to offer hospitality and security courses, we can produce qualified pursers and/or security.

As associate dean, Kitching will no longer be teaching navigation. However that doesn't mean he won't be spending time on the water. Kitching spends much of his free time sailing his 33 foot Irwin Ketch "Odyssey."

He is ultimately planning a trip around the world when he retires. "I'm particularly looking forward to spending time in the South Pacific. In my days at sea I've steamed by many of the islands there, but to date I've never had a chance to visit." For this trip Kitching plans on sailing a 50 foot aluminum catamaran.

— from Sheila Rees

BCIT team shines in the Sun Run

When 37,623 registrants lined up for the Vancouver Sun Run on April 20 (27,588 finished the race) BCIT was well represented by 25 members of the campus community. The BCIT team placed sixth out of 66 teams in the education/corporate division.

Congratulations to all participants, including Mike King, who finished the 10K race in 34 minutes and 43 seconds.



Seen here are Front Row (L-R) Dave Conder, Ian Ross, Tomi Eeckhout, Tanya Majcen, Kathy Nolan and Ramona Bobetsis. Back Row (L-R) Mark Lane, Gary Lake, Shannon Sargison, Tom Rodwell and Mike King. Missing: Loren Boyle, Dawn De Sousa, Leo De Sousa, Phillip Dollan, Jennifer Duya, Mary Hodder, Ken Kajiwara, Rob Kercher, Waylim Lee, Tyler Lindberg, Kevin Ribble, Tom Rodwell, Mike Smolnicki, Elliott Wong and Peter Wong.

Classy finds

For Sale: two concert tickets for June 5/97 performance of the Gipsy Kings. Will sell for best offer (worth \$51.00 ea). Call Cindy at 432-8212.

For Sale: Moving sale, wide array of household items old and new, call for details. Includes white, almost new Ikea furniture; teak, four-door entertainment cabinet; garden tools; TV cart, mirrors, lamps, etc., king-size, teak finish bed with side tables; older furnishings (dresser, table, floor lamp, etc.); large supply of freeze-dried food for cabin, emergency, etc. Call 263-7600 (evenings) or 432-8300 (days).

For Sale: Fijitsu DL-1250 24 wire dot matrix printer. Also prints color. Extra print cartridges included. Best offer gets it. Call 682-5825.

For Sale: 1986 20; Boston Whaler with Cutty Cabin. 1991 200hp mercury offshore motor with 230 hours, 20hp mercury outboard, depthsounder, bait tank and many other accessories. Asking \$28,500. Call 921-9859 (evenings) or 921-2520 (messages).

For Sale: Dell computer, 486 DX/2, 66Mhz, 24 Meg Ram, 450 Meg HD, 14.4 Internal Modem, 2xCD Rom drive, 3.5 and 5.25 drives, sound card & speakers, two expansion slots avail., Windows 3.1 & MS Works, 15" color monitor. Asking \$875. Call Michelle at 451-7004 or 988-8855.

For Sale: Sony STR 6040 tube type receiver/amplifier, Wharfedale floor style speakers, dual turntable, Yamaha KX 230 stereo cassette deck and Audio

Dynamics CD player. Only sold as package for \$250. Call Bob at 432-8300 or 263-7600.

For Sale: Two baby green wing Macaws, handfed. Available June 30. Asking \$2000 each, payment plan available. Call Su at 8540.

For Sale: Kenmore washer/dryer, good condition. Asking \$225/both. White Maytag dishwasher, like new, butcher's block top. Asking \$200. Call 942-4454.

For Rent: One bdrm, two-level condo, fireplace, quiet, adult-oriented building, walking distance to Edmunds St./BC Hydro, huge south-facing roof deck, heat, secure parking, laundry incl. Available July 1, asking \$775/month. Call Rita at 451-1420.

For Rent: Summer at Silverstar. Stay at Silverqueen Chalet on top of the mountain, surrounded by alpine meadows and flowers. Great summer activities at your doorstep: riding, biking, rollerblading, etc., N/S, no pets. Call Chris at 585-1944.

For Rent: Furnished, two bdrm apartment close to BCIT. Available May - Sept. 1. After Sept 1, available to share with male student. Asking \$700/month or \$350 to share. Call Carol at 303-0141.

Wanted: Bunk beds with or without mattresses, Call Ron at 432-8991.

Wanted: Rocking chair in good condition. Prefer a gliding chair but either kind will do. Call 8727 or 437-8494.



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