

BCIT UPDATE

YOUR CAMPUS BULLETIN

MAY 15, 1989

MACHINE SHOP JUMPS INTO TECHNOLOGY TRANSFER

Technology transfer is alive, well and on the increase at BCIT. The latest example of BCIT's facilities and expertise being tapped by industry is a joint project between the Machine Shop and ENSC Student Enterprises Inc., an N.R.C./I.R.A.P. supported research and development company primarily utilizing the expertise and resources of SFU engineering departments.

When the company needed help manufacturing computer designed containers to house miniature AT computers, used for sending messages underwater, general manager Carl Anderson contacted BCIT. SFU does not have a manufacturing facility and BCIT's Machine Shop, with its C.A.M. (computer aided manufacturing) capability, seemed the natural partner for such an enterprise. According to instructor Ted Marchant, performing the work was no problem.

"ENSC drew up a plan for the design of the container on their Autocadd system then transferred the files to our CAM system here. We were able to design a program to manufacture the part in 20 minutes and four of our students, under the direction of instructor Derek Rampling, made the part in about a week."

The students will make three more of the cigar-shaped acrylic containers, but the project won't end there. Both Carl Anderson, Ted Marchant and associate dean Ron Evans are excited about future joint ventures. "We are forming a really creative and productive pipeline between the resources of two educational institutions and industry. The possibilities are endless," says Evans.



The Machine Shop recently created this acrylic container for housing communications equipment underwater. Happy with the results are Ron Evans, associate dean of Mechanical Industry Training, Ted Marchant of the Machine Shop and Carl Anderson of ENSC Student Enterprises Inc.

CHOWDHURY APPOINTED ENGINEERING DEAN

Dave Chowdhury has been appointed Dean of the School of Engineering Technology, effective May 10.

Dave, who had been acting in the position since August, 1988, comes out of the Marketing Management program, where he had worked as an instructor since September, 1985. He holds a Ph.D. in Management Science/Management Information Systems from SFU, an MBA from SFU, an M.A. in Computer Science from the University of Toronto and a B.Sc. Hons in

Mathematics from the University of Calcutta, India.

Research publications to his credit include "Technological Entrepreneurship meets Marketing: The Micro-computer Software Experience", "High Technology Companies in B.C.: A Marketing and Management Profile" (with R.W. Vandermark), "Perceptions of Practicing Managers Towards Decision Support Systems" and "A Study of High Technology Market Potential in South East Asia" (with L. Alvaer).

Before joining BCIT in 1979 Dave gained extensive industry experience with B.C. Tel, IBM and as an independent consultant.



John Watson, BCIT's incoming president, was the unexpected guest at an informal graduation ceremony for Carpentry apprentices, May 5. Outstanding fourth year graduating student, John Venema, is seen receiving a medallion from Mr. Watson while Paula Pick and several trades instructors look on. The following students from each year of the program were presented with carpenters squares for their achievements: Lisa Tettamanti-Ratvay, Entry Level, Danny McPherson and Jeff Colton, Second Year, Greg Knight, Third Year.

Right, Elinor Hudon of Medical Laboratory has lots of zucchini seeds for campus staff interested in participating in this year's Holmes Gardening Contest. See story on reverse.



GARDENING
CONTEST
FLOURISHES

The Great Dave Holmes Gardening Contest lives on, despite the retirement earlier this year of its founder Dave Holmes. The annual event had become such a tradition at BCIT and anticipated with such relish by many campus gardeners, that the idea of letting it die was inconceivable, says Med. Lab. instructor Elinor Hudon, who is now responsible for organizing the event.

This year's contest, which is getting off (or into) the ground a little late owing to unforeseen circumstances, features the humble, but versatile zucchini. The object is to grow the longest one by September 22. On that date all participants should hand in their specimens to Elinor in Medical Laboratory or the Staff Society offices. If you need seeds to get started contact her at local 5163 or 8695.

STAFF INVITED TO
PLAY GOLF

This year's annual BCIT Golf Tournament will feature a new competition that should appeal to staff who like to play in teams.

Operations Management instructor Brian Curtis, who helps organize the tournament, says an inter-department team trophy will be awarded to the team that has the lowest combined net score. The best three net scores for each team will be counted towards the trophy.

The Golf Tournament will take place at the Par 3 Mylora Executive Golf Course in Richmond on Saturday, June 3, starting at 9 a.m. Space is limited to the first one hundred registrants and deadline for registration is May 19. The \$31 fee includes green fees and burger buffet.

To register please fill out the form below and mail together with payment, to Mark Angelo, Fish, Wildlife and Recreation or Brian Curtis, Operations Management. Cheques should be made payable to the Staff Social Club.

BCIT ANNUAL STAFF GOLF
TOURNAMENT

Please register me/us in the forthcoming tournament:

NAME

I am able/unable to stay for lunch

NAME

I am able/unable to stay for lunch

NAME

I am able/unable to stay for lunch

NAME

I am able/unable to stay for lunch

PAINTING AND
DECORATING HOSTS
TECHNOLOGY
SHOWCASE

Spray painting, color mixing and surface preparation, are just a few of the many skills of the painting and decorating trade demonstrated at a Technology Day on campus April 20.

The Painting and Decorating department showcased its training opportunities to over 100 companies from Western Canada.

"The showcase is great exposure for the school," said Dave Lick, chief instructor. "We hope to develop an understanding of the wide variety of skills needed to be a good painter."

Traditional apprenticeship training, as well as custom design training to public and private industry is offered by the painting and decorating department.

Over 150 pieces of equipment were demonstrated, everything from pressure washers for preparing surfaces to solvent reclaimers which recycle cleaners. The equipment was provided by Malcolm Campbell and Son Ltd.

A SuperPro 3500 electrostatic paint sprayer was presented to the department by Graco Canada Inc. "It's the leading edge in painting technology" said Russell Duncan, District Manager of Graco. "We're very pleased to offer the students the chance to work with the latest equipment."

Does Your Garden
Need Landscaping?



Susan Murray of the Biological Sciences Landscape Horticulture Option is looking for five residential properties for students projects this fall and winter.

If your property is within a 15 minute drive from BCIT and is no less than 15 metres wide, it may be eligible for landscape design and possible installation.

Write brief note describing the property and leave in Susan Murray's mailbox.

(This service is available only to faculty, staff and alumni.)

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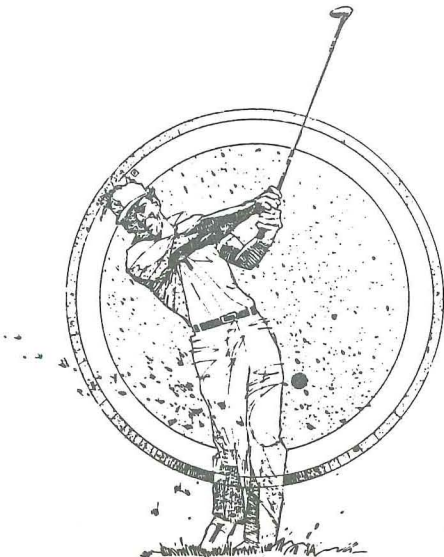
SPRING PLANT SALE

10 a.m. to 2 p.m.

May 17

Lots of bedding plants,
hanging baskets and shrubs for your garden.

Horticulture Building north campus





Royal Oak College on Wayburne Drive.

NEW COLLEGE OPENS ON WAYBURNE

BCIT is one of the key players in Royal Oak College on Wayburne Drive, one of the first Japanese construction schools to be established outside of Japan.

The college has been established by the Nikken Gakuin Company of Japan specifically to train students from Japan in the techniques of 2 x 4 house construction, a method which has been growing in popularity in Japan since the 1970's.

BCIT first became seriously involved in sharing technical knowledge and building skills with Japan about a year ago when representatives from Nikken started discussing training possibilities with Henry Arthur, director of International Education, and others on campus. The result of these negotiations was an agreement that BCIT would design a teaching program, write the curriculum and provide

one instructor to teach the courses. Responsibility for developing the learning materials has been undertaken by Brock Hilliard, Bill Chandler, Peter Kavanaugh and Tony Start of the Drafting Design Department and Sheila Thompson of Print Services has been seconded for three months to coordinate the printing of those materials. Tony Start, on secondment leave for three years to the college, is overseeing the project as project manager. He is also responsible for teaching the courses, along with three Royal Oak instructors.

Nikken opened the private college on March 23 on the site of the old ICBC testing station on Wayburne Drive. Inside the imposing, Japanese-designed brick building, 100 students aged 18 to 23 have been learning drafting design and building techniques. English language training is provided by E.S.L. teachers from Vancouver Community College.

"The students have a good attitude and are generally very mature for their age, but at the moment their understanding of English is very limited," says Tony Start. Faced with communicating the not-so-simple drafting and construction terminology he has developed techniques which

include slowing his verbal delivery and stressing key words. E.S.L. teachers support his efforts by utilizing the words during their sessions with the students.

The Royal Oak term runs from April 1 through March 31 and is divided into spring, fall and winter semesters. There is a total of thirty four weeks of classroom instruction during the year accompanied by North American study tours during the vacations. BCIT teaching facilities will be utilized only for site visits. During the week the students live in spacious one and two bedroom residences and eat in the Japanese-catered cafeteria. On weekends they extend their experience of Canadian culture and language by living with Canadian host families.

The current group of students, most of them from families which own small construction companies in Japan, will graduate in 1990. Upon their return to Japan they will ultimately work for the housing industry. Their expertise in 2 x 4 construction techniques should expand and hopefully boost sales of Canadian lumber and construction materials to Japan, involving BCIT in a great example of mutual cooperation and economic benefit between two Pacific Rim trading nations.



Paula Pick and Tony Start wield their chopsticks at the official opening of Royal Oak College, a new Japanese training facility, on March 23.



Japanese students enjoyed showing off their campus and demonstrating Japanese cultural arts at a special Open House held recently.

