

Electrical engineers gain "competitive edge"

(UNB-PRI) The latest technology and a competitive edge now belong to electrical engineering students at the University of New Brunswick thanks to Valid Logic Systems. This California-based multinational has donated computer software and support valued at over \$7.25 million to the university's electrical engineering department.

"Access to this state-of-the-art software will give our students a significant advantage in the job market," said John Burgess, an electrical engineering professor at UNB in Fredericton who played a key role in acquiring the grant. "Our students can now learn to use and apply the same computer programs that design engineers are using worldwide in top companies such as IBM, Apple and Sony."

The software, known as electronic design automation or EDA, allows engineers to design and test circuitry for items like personal computers before making a commitment to production. It saves industry millions of dollars annually in development costs.

"An impressive feature of the grant is its provision of a large number of software licences," said Dr. Burgess. "Up to 20 students at a time will be able to use the

software simultaneously at individual workstations." The grant includes over 25 individual software modules for chip layout and for designing digital and analog circuits and systems, printed circuit boards, and very large scale integrated circuits. In addition, Valid has provided free training for university staff and five sets of documentation, each comprised of over 30 manuals.

"In 1992, these outstanding resources will be used in eight undergraduate courses and three graduate courses as well as for graduate research," said Dr. Burgess. "They will also be invaluable to the students in our Professional Experience Program (PEP)." Engineering students involved with the program go to work in industrial settings for up to 16 months in the midst of pursuing their degrees. IBM Canada Ltd. in Toronto, the first company involved with the program, recently acquired the same Valid software. "Our PEP students will have experience using these software tools, so they will be ideally prepared for their work projects at IBM."

UNB is one of three universities in Canada, and the only one in the Atlantic provinces, to receive software and support through Valid

Logic Systems' university grant program. "This grant helps to ensure that our students will get the best education possible to meet the future needs of leading

research and industrial organizations, both in Canada and internationally," said Dr. Burgess.

A leading supplier of electronic design automation

systems, Valid recently combined with another multinational headquartered in San Jose, Calif. The new corporation is known as Cadence Design Systems.



Shown are Mike Hogan, Leesa MacLeod, Yves Bourque, David Ross and Professor John Burgess. They are using new software provided in a \$7.25 million grant to UNB. Joy Cummings-Dickinson photo

Students learn to create employment

Press Release

Fredericton students looking for summer employment can find out how to create their own job during a special presentation Monday, February 17.

Two officers from the Department of Advanced Education and Labour will explain how students can borrow up to \$3,000 interest-free to set-up their own summer business under the department's Student Venture Capital Program.

Employment Development Officers Kelli Greene and Francine LeBlanc will explain

the program, answer questions and distribute applications between 10:00 a.m. and 3:00 p.m. at a booth located outside the cafeteria at the SUB

David King, a student who has successfully used the program for several years, will be available to provide specifics on how he set up his own summer business.

Larry DeLong of the Capital Region Development commission will also be available. New Brunswick's Industrial development commissions offer free help to students in preparing applications to the program.

UNB Sociology society meets on Thursday

by David Burt

The University of New Brunswick now has a new Sociology Society. After several weeks of planning and meetings executive officers have been appointed and the first events have been scheduled.

The Sociology Society has two events planned for the upcoming "Arts Week". A week long food drive, and the first general meeting.

Donations for the food drive can be deposited in the Sociology Lounge from February 17

through February 21. All contributions will be donated to a local food bank. We have challenged the Anthropology Society for this event.

On Thursday, February 20 in Room T28 (the Common Room) we will hold our first general meeting from 2:30 to 5 pm. Free coffee and donuts will be made available. This will provide students with a chance to meet the students and faculty interested in Sociology. With free coffee and donuts there will naturally be a TimBit eating contest.



AIESEC locals to hold Seminar Traineeship Programs

by Andrew Hunt

AIESEC (Students in Business Economics & Computer Science) locals around the world are holding conferences this coming summer on various topics. These conferences are called Seminar Traineeship programs (STP's) and offer a student the opportunity to educate themselves about a world issue in business while living and working in a foreign country. Below are listed the names of the conferences, their location, the length of the job offered and the topic being discussed.

Entrepreneurial Management:

- Melbourne, Australia
- May-June, a student works to develop a business plan for a participating business.
- Intensive training on various

Orientation continued from page 1

report recommended that summer orientation activities be considered. Bujold indicated his concern that it would be unreasonable for Orientation to ask them (the volunteers) to take any more time off from their (summer) jobs" to work for orientation. He also asserts that "with travel and accommodation expenses, the (incoming first year) student stands to lose considerably more money in

topics over 5 days will take place before the student starts work.

Off-Shore Oil & Tourism:

- Norway
- Mid summer-October, student will work in various capacities with an oil firm or a tourist company while attending seminars on these industries.

- The discovery of oil in the North Sea and the holding of the 1994 Olympic games are both having a large impact on Norway. The affect of these events on the respective industries will be discussed.

Banking:

- Pisa, Italy
- STP held over 4 days at beginning of May. Job duration varies with personal preference.

attending a summer orientation.

Bujold states that "UNB stands to lose a lot of international respect if they alter the UNB Orientation Program as suggested in the report." Orientation at UNB has a history of winning international awards for excellence in different areas of its programs.

The response by Bujold and the Orientation '92 executive

- Student works at a bank in various roles.

Multinationals in India:

- India (Dalhi, Agra, Jaipur)
- Traineeship in various industries with an accompanying study tour.
- Multinational companies are beginning to operate in India in increasing numbers. The affect of these companies and which industries are benefitting will be discussed.

If any of these conferences sound interesting and you think you would like to attend drop into the AIESEC office in room #30 of the Student Union Building or call 453-4959.

AIESEC would also like to remind members that its elections are being held this coming Tuesday at 5:30 and all members should be in attendance.

to Potter's report was tentatively scheduled for presentation at the most recent senate meeting which was held February 11th. The Brunswickan has been informed that at the bidding of President Armstrong, a final report will be submitted to senate for approval after all interested parties have had the opportunity to meet and come to some agreement on the issues in question.