DSBS degree will be tailor-made for Frankston

David Syme Business School plans to introduce a new course to be offered exclusively at the Frankston campus.

The Bachelor of Business (Business Administration) will be offered from 1987 with a proposed intake of 85 EFTS. DSBS Dean, Dr Ken Tucker, says the decision to develop a new Bachelor of Business program specifically suited to the needs of the Frankston region was taken two years ago.

Mr Taylor, Principal Lecturer, Frankston, took responsibility for DSBS course development in the Frankston region earlier this year.

Mr Taylor's work on development of the proposal for the new degree has involved liaison with local government, business, educational authorities and community leaders, and market research on the needs of both current DSBS enrolments at Frankston and employers in the region.

The course will be for three years full time study, focusing on a solid grounding in a broad range of business subjects in the first two years, and specialisation options in the final year. Mr Taylor says a distinctive feature of the degree will be the introduction of the Human Resources Management (personnel management) element and a broader range of options within a general business administration framework.

Graduates can expect to gain association of the Institute of Personnel Management Australia.

Final year degree students will have the choice of a range of one semester specialisation options -
- Computing - at Frankston through the Faculty of Technology's Division of Information Technology
- Logistics/Agribusiness - at Frankston through DSBS
- Accounting - at Frankston
- Marketing - at the Caulfield campus
- Banking and Finance - at Caulfield

Mr Taylor says the strong emphasis on the extended program of core subjects is "a response to employment market need, especially for graduates with both technology and human behaviour orientation towards their functional discipline, particularly as they move into administrative roles".

The Department of Electronic and Electronic Engineering is continuing work on a three-year research project aimed at developing an improved technique for diagnosing faults in high voltage switchgear.

Chief investigator for the project, Lecturer, Mr Paul Voumard, says the technique has the potential to save power generation and supply authorities throughout Australia millions of dollars each year in routine maintenance.

Current, says Mr Voumard, the problem is that detecting the condition of high voltage circuit breakers switches to turn power on and off, is not only difficult, but very costly.

In the Victorian SEC system alone there are about 6000 circuit breakers operating at 11,000 to 5000 volts. Technicians inspect each of them individually, and if a fault is suspected the circuit breakers are taken out of service, dismantled and repaired if necessary.

"Sometimes, says Mr Voumard, 'something goes wrong and the operators are not quite sure which circuit breaker has developed a fault and what the actual fault is.'

The main thrust of Chisholm research is to develop a method of identifying when a circuit breaker is functioning abnormally, and detecting the type of fault in the system.

Mr Voumard likens the method to a doctor taking an electrocardiogram (ECG) reading of a patient.

"When a doctor analyses an ECG he can say to the patient, you are not a healthy person. He can then identify what the problem is, and finally diagnose just how sick the patient is."

Similarly, the technique developed by the research team involves taking traces of mechanical vibration patterns of circuit breakers which are operating normally and comparing them with patterns of a rapidly operating normally.

If the picture we get is not the same as when the circuit breaker is in a healthy condition, we know there's something wrong. This is the first stage of condition monitoring - like going for a health check. The second stage is actually identifying the fault..." The research team has developed the monitoring technique to that point, and next year plans to develop the third stage of the method which involves analysing the degree of severity of the fault.

The work began in 1982 as a final year student project at the request of the State Electricity Commission of Victoria (SECV), which contributed $9000 in 1983 for the purchase of a digital storage oscilloscope for recording vibrations.

Funding in 1984/85 has come from the Electrical Research Board in Canberra, an association of electricity supply authorities from throughout Australia which also has representation from private companies involved in the power industry.

ERB contributions to the project to date have amounted to just over $30,000. Eventually the SECV plans to install a condition monitoring system in large terminals and substations at a cost of between $200,000 and $300,000 each.

When that happens, technicians carrying out routine maintenance will be able to take a circuit breaker out of service, test it and either identify a fault or give it the all clear 'just as at the touch of a button'.

The whole process may take just one hour instead of the two days such checking currently takes, and will save millions of dollars each year, Mr Voumard says.

Next year will probably see a team of final year electrical and electronic engineering students continuing the work on site at various substations and terminal stations.

Six students have been involved this year under the Final Year Project System.
A major electrical and electronic engineering company has commissioned a series of short courses on Presentation Skills from David Syme, a Management and Manpower Consultant. Siemens Limited is the Australian subsidiary of the world's largest electronics and engineering company and is involved in a variety of areas, including telecommunications, supplying security systems and PABX systems to Telecom, and electronic and electrical equipment for the mining and power industries.

The first of the Presentation Skills courses for Siemens was held last week.

What do the Hornet F/A-18, the Victoria Project and mounting and American Cup challenges have in common?

They are large, expensive and technologically complex projects requiring a continual juggling of time, cost and quality issues. And their success depends on government and union support and involvement.

But most importantly, says Civil Engineering Lecturer Mr Murray Muspratt, they require a high level of management expertise, embracing conception, feasibility, finance, manufacture, construction, commissioning and possibly maintenance, and providing the ultimate challenge for present day Australian managers.

Mr Muspratt says such challenges can only be met by project managers in tune with the latest developments in society, and development of computer technology in particular.

-Chisholm Managed Services International-Chartered Accountants-Chartered Accountants-The first of the Presentation Skills courses for Siemens was held last week.

A recent administrative reshuffle has added weight to the one umbrella the Institute's involvement in commercial, cultural and recreational activities.

"Chisholm Managed Services" is the new name for the original Centre for Institute Commercial, Cultural and Recreational Activities, headed by Executive Director, Mr Alan Hamstead, who is based at 29 Railway Avenue.

Mr Hamstead's position will be funded totally from the revenue generated by the Centre.

Announcing the changes, Acting Director, Mr Gerry Maynard, said the move promised to achieve a "more functional order in Council requirement for the contribution of States Grants Act monies and extraneous funding activities.

He said the new Centre had been established to ensure that this separation takes place and that activities such as the Plaza and the Student Union/Tower Complex are effectively managed.

The terms of reference of Chisholm Managed Services include:

- Commercial management of all activities
- Full responsibility for the project, the Halls of Residence at Frankston campus, Printing Services, the George Jenkins Theatre, Portsea Annex and the George Jenkins Theatre and other future activities on either campus in a way which most effectively supports the Institute's educational research and community involvement.

- Facility relations with Caulfield and Malvern City Councils and other local government communities, and in conjunction with the Caulfield Plaza, Tower Frankston, facilitate similar relations in that area.

- Promote commercial cultural recreational activities of the Institute.

- Develop initiatives for the financial benefit of the Institute.

- Encourage community participation in Chisholm activities.

Activities run by the Institute in past years such as the "CIT-Cousie" and "CIT-Markets" will now be organised through Chisholm Managed Services, and plans to reintroduce them later in the year.

Mr Hamstead says these and other Institute activities, including the George Jenkins Theatre at Frankston, play an important role in promoting the Institute to the surrounding community and the general public and in enhancing public recognition of the Chisholm name.

-WELCOM enters second phase-

The first phase of Project WELCOM has been completed.

Project Officers, Ms Angela Borg and Ms Dora Levakis, have spent the past seven weeks getting acquainted with Chisholm's structure, its physical and human resources, and liaising with the local community.

Phase two of the Project which aims to encourage the outside community to make greater use of the Institute's facilities is now underway, involving information gathering through consultations with staff in specific areas of the Institute.

The first area to be consulted, by mutual agreement, is the Faculty of Technology.

Acting Director, Mr Gerry Maynard, believes the Project has "significant and exciting implications for future relationships between the Caulfield campus and its surrounding community.

He says concerns raised by some staff about the Project were probably due to its innovative nature and the absence of any formal Institute policy on community access.

But he emphasises that Project WELCOM has full Institute approval and support, and my personal assurances go with that.

"All staff may be rest assured that community access is a matter for negotiation.

"All Institute resources will remain a matter for negotiation.

"I am wishing to gain access and the management of the Department concerned.

"Out of this experience we hope to evolve an adequate policy on community access."

Mr Maynard says: "We are trying to encourage staff to look at the possibilities within their own Department for using resources for the benefit of people beyond the immediate Caulfield campus community, during those times when the formal need is minimal for and future activities on either campus and its surrounding community.

"Staff should see this initiative not only as a way of fostering and promoting better campus-community relationships, and this will be difficult to achieve without the interest and cooperation of Chisholm staff, Mr Maynard says.

-Pay rise approved-

A pay rise has been approved for general staff.

The Victorian Post Secondary Education Remuneration Tribunal (VPSERT) recently handed down a Determination number 16, 1985, which increased salaries of non-academic staff, excluding librarians, technical staff and staff under non-VPSERT determinations, by between two and four percent.

The increase will be implemented in the 201 period ending 27 November, and backdated to 25 November.

Project Officers, Dora Levakis (left) and Angela Borg with Acting Director, Mr Gerry Maynard.
Survival training for graduates is aim of Frankston Studio

New job for Kerr

Leading Australian trade unionist, Mr John Halfpenny, was at Chisholm Caulfield last week to speak on the impact of computer technology on society to final year Bachelor of Applied Science (Computing) students.

Mr Halfpenny, who is the State Secretary of the Amalgamated Metal Workers Union and is writing a book on computers, said the computer industry was more accountable for its actions.

"Up until the computer world had almost free rein - not too many people questioned whether what it was doing was good or bad. Now we have to take care of that by creating an environment for the future," he said.

He said the union movement in general had been opposed to new technology, but were fuzzy about the sort of technology which would be introduced and the impact it has in the workplace and on the community at large.

"People used to apply a variety of skills to producing a product - now it's all done by a computer, and what's left is a very unsatisfying job."

Mr Halfpenny said society was entitled to know whether the technological revolution had fulfilled its early promise, or if it was creating more problems than the problems it promised to overcome.

But the technologies were not usually introduced by themselves, rather the people who designed them.

He followed that since human beings create computers and computer technology, if they have the will and the desire to create something good out of it they can do it.

"The computer industry has a lot to answer for in the laying off and disability of many people, who suffered from Repetition Injuries," Halfpenny said.

He said trade unions were often seen as anti-progress in their attitude towards the introduction of new technology in the workplace, but you can understand how people facing the sack because their company is replacing them with computers fail to see how them losing their jobs is in the national interest.

Governments had a responsibility to legislate to ensure the computer industry was more accountable for its actions.

A set of guidelines was essential against which technology can be judged, if a product fails to pass the test then we prohibit it, if it causes, we can go ahead and introduce it.

Mr Halfpenny went further by saying the computer industry should establish a fund for research into RSIs. The promise that computer technology would be cheaper and more efficient for industry paled into insignificance when the cost to the community of RSIs was taken into account.

He did believe computers were of value in certain circumstances, particularly when they were used in jobs which previously exposed people to risk - "using robots to remove asbestos was one way technology could be put to work for the benefit of the community.

Mr Halfpenny said society had a responsibility to ensure a turnover around in the computer industry to make it more accountable for its practices.

A major problem in Australia was that computer technology was usually introduced as a cost cutting, labour saving method.

"Very seldom do employers buy expensive computer equipment to save occupational health and safety risks, or to make life better for their employees."

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Natural nibbles
The Chisholm Student Union Board is establishing its food cooperation on a minimal basis.

*Nature's Penny* at 6-shares Road was launched during the first week in November.

Former Monash health food shop manager, Jill Stieve (pictured) has been appointed as manager of the new establishment.

The shop will operate on the same basis as the CITSU Bookshop, with students entitled to a 10 percent discount on production of ID cards.

\section*{WHAT'S ON}

\subsection*{ART AND DESIGN FINAL YEAR EXPOS}

\textbf{CERAMICS}
From 2-9 December at the Gallery foyer, Level 2, Phillip Law Building, Caulfield. The exhibition will be launched on 2 December at 7.30pm by Chisholm master potter, Mr Joseph Zerrer.

Featuring works by graduating students, including ceramics, hot and flat glass, gold and silversmithing.

The exhibition is being sponsored by Chisholm Concepts.

\textbf{FINE ART}
From Monday 2 December, D Block, Caulfield. The official opening will be held at 8pm. The exhibition will feature sculptures, paintings and prints by final year fine art students.

\textbf{GRAPHIC DESIGN}
Opening will be held at 8pm. The exhibition will feature graphics and three dimensional graphic sculptures. Opening night is on Wednesday 27 November at 5pm. Wine and cheese will be served at each of the exhibition openings. All welcome.

\section*{DSBS to update M.C Lab}

\textbf{FIBRE OPTICS SEMINAR}
The Division of Engineering and Industrial Technology is presenting a repeat run of its successful seminar on the application of fibre optic systems in communications. It will be held at the Caulfield campus on Thursday 21 November, and feature Mr Ron Zennet, Chief Systems Officer, MMBW; Mr Neville Smith, the Datacraft; Mr Wal Reeves, the Victorian Sales Manager, Datacable, and Mr Damien Kennedy, Course Co-ordinator, Industrial Engineering at Chisholm. For more information or bookings, contact Ross Villani on ext 2130.

\textbf{FIREART AND DESIGN OPENING}
From Wednesday 27 November - Friday 8 December, an exhibition of works by final year graphic design students at Level 5, B Block.

\section*{PUBLIC NOTICE}

\textbf{ELECTION OF STAFF TO COUNCIL COMMITTEES 1986}
At the close of nominations for the election of staff to Council Committees, the following valid nominations had been received:

\begin{itemize}
  \item BUILDINGS & PROPERTY COMMITTEE: ROBERT SURFORD
  \item FINANCE COMMITTEE: AUSTIN CHAPMAN
  \item LEGISLATION COMMITTEE: MARUTA AYRES
  \item STAFFING COMMITTEE: RICHARD WHITE
\end{itemize}

As the number of valid nominations in each case is equal to the number of vacancies, the above staff members are hereby declared elected to the respective Committees, to serve until 31 December 1986.

P.K. Rodan
Deputy Returning Officer.

\section*{Engineers announce '86 meeting plan}

\textbf{FINANCE COMMITTEE: AUSTIN CHAPMAN

The General Staff Development Board has announced its priorities for the year 1986.

Applications for non-academic staff employed to attend courses or conferences in Australia or overseas are hereby declared elected for 1986. Application forms are available from Ms Helen DeKloet or Mr Eric Formby at Staff Branch (Caulfield).

\subsection*{MANSFIELD AUTISTIC CENTRE FAMILY PLAY SCHOOL}

Volunteers, preferably with experience in child care, teaching or youth leadership are required for a family hold position in Council Committee.

\begin{itemize}
  \item Staff Branch (Caulfield).
  \item T-Shirts: $7.90
  \item Sports Bags: $12.90
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