We've got what you need

Chisholm Institute of Technology is a multi-disciplinary tertiary education institution specialising in the technologies and applied science, business, art and design, education and the social and behavioural sciences.

It is the third largest of Victoria's Colleges of Advanced Education, with an enrolment of 6,250 students, and is a multi-disciplinary tertiary with an enrolment of 6,250 studying sciences.

Colleges of Advanced Education, in award programs to Associate

It the technologies and applied science, business, art and design, education

Institutes's special efforts to

accommodate part-timers and open

Technology, Engineering and

Mathematical and Environmental

Sciences; the David Syme Business

School; the School of Art and

Division of Information Tech­

Industrial Technology, and

At Caulfield, the full range of

programmes offered in the

School; and Social and

behavioural problems. Buses to and from Frankston

accommodate about 100 students.

Our Caulfield campus, on A typical room number is Dandenong Road, is readily access­

Patrick Leary

DIRECTOR

How to enrol for

Chisholm courses

APPLICATION FOR

ADMISSION

For information on applying for

entry to courses at Chisholm or for

direct application forms, please

contact the Admissions represent­

ative at the General Information

Centre or phone Admissions on

573 2000, 8.45 am to 5 pm,

Monday to Friday.

APPLICATION PROCEDURES

First Year full-time

All degree/diploma applications

must apply through the Victorian

Universities Admissions Committee

(VUAC).

VUAC forms are available for

Year 12 students from all secondary

schools. Alternatively, write to:

VUAC

40 Park Street,

SOUTH MELBOURNE 3205

Closing date for applications:

Friday 4 October 1985.

First Year Part-Time

All applicants for part-time study should apply directly to the

Chisholm Admissions Office. The

one exception is for places in the

Associate Diploma in Welfare

Studies, where both full and part­
time applications are made through

VUAC.

Special Entry

Applicants who do not satisfy

the prescribed minimum education

entry requirements may be admit­
ted to a course provided that he/

she has been in employment

appropriate to the course for three

years. Applications must be

submitted direct to Chisholm on

Form SRI, incorporating

documentary evidence of work

experience by the appropriate

closing date.

Post-graduate and Masters Courses

Applications for full and part­
time courses are made direct to

the Institute through the Admissions

Office.

Closing date: 10 January, except -

Art and Design courses - 1 November 1985

Education courses - 1 November 1985

Later year entry

Applicants for later year entry

must apply directly to Chisholm and submit completed exemption

forms and documentation with

their application to the Admissions

Office. Note that for a full-time

course, applications must be

submitted by 29 November 1985.

Closing date for Applications:

Associate Diploma / Diploma /

Degree Courses:

• Through VUAC - 4 October

1985

• Direct (Form SRI) 29

November 1985

• Art and Design Courses -

1 November 1985

Art and Design Courses -

1 November 1985

Key to locations

Every room at Chisholm carries a code number which identifies the

building it is in, the level, and

finally the room itself.

A typical room number is A2.38 - building A (see map on the back page), level 2 (ground floor is level 1), room number 38. So A2.38 is room number 38 on level 2 of building A.

Keep that in mind and you can’t

go wrong.

If you do get lost, please don’t

hesitate to ask one of the staff or

students manning displays for help.

How to find us

All roads lead to Chisholm -

just check your directory!

The setting is great, too, with

rolling acres of grounds, tennis
courts, playing fields, and the beach

just five minutes away.

Inquiries should be directed to

the Frankston Campus Manager,

Mrs Claire Thouenam on (03) 784 4211.

Program guide

Caulfield - Pages 2 & 3

Frankston - Page 4
CAULFIELD CAMPUS

Division of Mathematical and Environmental Sciences

CHEMISTRY & BIOLOGY
F3/12/F3.14/F3.46
Staff, technicians, research students and undergraduate students will be on hand to provide information about current research projects in Water Science and Polymer Science. These will be in conjunction with the Water Studies Centre and the Centre for Applied Polymer Research. Staff will provide information about new and postgraduate courses and about career opportunities. Displays of current chemistry, water science, polymer science and biology projects.

MATHMATICS
Reckoning with the Environment
F2.06

The Faculty of Technology's MAZAK Turning Centre, a modern manufacturing unit is one of the most advanced available. Visitors to the Caulfield campus on Open Day will be treated to a fascinating demonstration of its capabilities.

Division of Information Technology

Course Counselling
Computing Courses - Staff Lounge, 6th level, F Block all day.

ciscar
2nd level, B Block
One of Australia's earliest computers open for inspection. Tour of ciscar will depart from F3.03 at 11.30 am and 2.30 pm.

Graphics Centre
F5.20A
The Institute's Graphics equipment will be on display throughout the day.

Computer Graphics
F5.05
Various games can be run on the School's computer terminals. Open all day.

Centres for research, consultancy and teaching

CITERAC - ENGINEERING RESEARCH AND TECHNOLOGY CENTRE
Heavy Structures Laboratory

On display in the Structures Laboratory, there will be a complete house roof hip of 6m span. This roof is associated with the Heavy Structures Laboratory. The design was undertaken here on a house roof and extended time period. The design of this frame has been arrived at after considering the heavy wind conditions similar to those being conducted in the Heavy Structures Laboratory. This long term testing represents the final stages of the development work.

Microcomputer Application Centre

F1.33
Engineering students provide the use of computing equipment at a variety of levels. In this case, the laboratory is primarily a computer-aided learning laboratory. Students reinforced their understanding of mechanics.

TIMBER ENGINEERING TECHNOLOGY CENTRE (CTEC)
Information Office
F1.13
Chisholm has recently been identified by the Victorian Timber Promotion Council as the Centre of Excellence for Timber engineering and technology in Victoria. Projects being undertaken through the Centre are in the areas of structural engineering, timber proof grading, quality assurance, durability testing, moisture movement and the use of resource image processing techniques for density and tree form strength measurements. Information brochures will be available in F1.33.

Heavy Structures Laboratory

A complete house hip roof of 6m span will be on display. The object of this project is to provide builders with a means of spanning large open spaces without having to use prefabricated roofs. A proof of concept is being worked on. The Wood Protection Council will also be in operation.

WATER STUDIES CENTRE

CENTRE FOR APPLIED POLYMER RESEARCH

CENTRE FOR APPLIED MATHEMATICAL MODELLING (CAMP)

Three research centres will be assisting with displays in the Faculty of Technology. The Water Studies Centre is concerned with the understanding of aquatic systems and the improved management of water quality. The Centre for Applied Polymer Research focuses on the development of polymer manufacture and the improved application of this versatile material in industry and commerce. Polymers have many applications in engineering and the CAUML technology is contained in almost everything used in the home, office or factory. The research centres of the Centre for Applied Mathematical Modelling (CAMP) include expertise in various aspects of environmental investigations, design and presentation of short courses and training courses. The displays of these Centres will be presented in conjunction with the Division of Mathematical and Environmental Sciences.

Microprocessors
B3.33
Microprocessor development systems aimed at developing programmable skills for modern microprocessors. These are connected to the PRIME microprocessor for program storage and compilation. Particular emphasis is currently placed on the Motorola 68000 CPU and MC68000 16-bit processors.

Communications
B3.42
Wide range of measurement equipment from very low frequencies to microwave. Screened equipment for overseas news arcing and corona discharges. Operating up to 100,000 volts in analogue computers and one Apple and servo systems. Two EIA 1180 system functions.

Power Systems
B3.44
High voltage test equipment operating up to 1,000 volts in a screened room. Tests demonstrate arcing and control characteristics. Simulated power transmission lines and fault finding techniques.

Control Systems
B3.45
Representative control systems and servo systems. Two EIA 1160 analogue computers and one Apple II digital computer for use as controllers and other control system functions.

Electrical Machines
B3.46
Electrical Machines and transformers of all types. Solid State, ac and dc machines. Demonstrations involving generalised machines and variable speed control.

Materials Selection
B3.48
Electronic equipment and associated experiments using 3D Lissajous figures, tone generators, colour video and transistor curve tracer.

Computer Graphics
B3.50
Demonstration of generation and analysis of graphs and three dimensional objects using the remote 'host' computer (PRIME) and local graphics terminals. Interactive generation of stereograms.

CIVIL ENGINEERING

As the laboratory layout in the Civil Engineering Department is rather complex, a map of the laboratories is available at the School of Engineering Information Desk in the Reception area or in B1.28 on Level 1 of the Phillip Law Building, B Block.

Information Centre
B1.28
Highway and Traffic
B1.29
TV traffic monitoring equipment.

Microprocessors
B1.41
CAF microwave laboratory, display of software.

Computer Engineering
B1.35
Demonstration of the behaviour of solid state microprocessors.

Display of student work, including computer assisted design of househip projects.

Geology
B1.31
Observe the structure of common rocks under microscope. Rock grinding demonstrations.

Division of Mathematical and Environmental Sciences

CHEMISTRY & BIOLOGY
F3.12/F3.14/F3.46
Staff, technicians, research students and undergraduate students will be on hand to provide information about current research projects in Water Science and Polymer Science. These will be in conjunction with the Water Studies Centre and the Centre for Applied Polymer Research. Staff will provide information about new and postgraduate courses and about career opportunities. Displays of current chemistry, water science, polymer science and biology projects.

MATHMATICS
Reckoning with the Environment
F2.06

The Faculty of Technology's MAZAK Turning Centre, a modern manufacturing unit is one of the most advanced available. Visitors to the Caulfield campus on Open Day will be treated to a fascinating demonstration of its capabilities.

Division of Information Technology

Course Counselling
Computing Courses - Staff Lounge, 6th level, F Block all day.

ciscar
2nd level, B Block
One of Australia's earliest computers opens for inspection. Tour of ciscar will depart from F3.03 at 11.30 am and 2.30 pm.

Graphics Centre
F5.20A
The Institute's Graphics equipment will be on display throughout the day.

Computer Graphics
F5.05
Various games can be run on the School's computer terminals. Open all day.

Centres for research, consultancy and teaching

CITERAC - ENGINEERING RESEARCH AND TECHNOLOGY CENTRE
Heavy Structures Laboratory

Way on display in the Structures Laboratory, there will be a complete house roof hip of 6m span. This roof is associated with a project research being undertaken for the Timber Promotion Council of Victoria. The objective is to provide builders with a means of spanning large open spaces without having to use prefabricated roofs.

Mood Structures
B1.41
A long term creep test is being undertaken here on a house roof frame to observe the behaviour of an extended time period. The design of this frame has been arrived at after considering the heavy wind conditions similar to those being conducted in the Heavy Structures Laboratory. This long term testing represents the final stages of the development work.

Microcomputer Application Centre

F1.33
Engineering students provide the use of computing equipment at a variety of levels. In this case, the laboratory is primarily a computer-aided learning laboratory. Students reinforced their understanding of mechanics.

TIMBER ENGINEERING TECHNOLOGY CENTRE (CTEC)
Information Office
F1.13
Chisholm has recently been identified by the Victorian Timber Promotion Council as the Centre of Excellence for Timber engineering and technology in Victoria. Projects being undertaken through the Centre are in the areas of structural engineering, timber proof grading, quality assurance, durability testing, moisture movement and the use of resource image processing techniques for density and tree form strength measurements. Information brochures will be available in F1.33.

Heavy Structures Laboratory

A complete house hip roof of 6m span will be on display. The object of this project is to provide builders with a means of spanning large open spaces without having to use prefabricated roofs. A proof of concept is being worked on. The Wood Protection Council will also be in operation.

WATER STUDIES CENTRE

CENTRE FOR APPLIED POLYMER RESEARCH

CENTRE FOR APPLIED MATHEMATICAL MODELLING (CAMP)

Three research centres will be assisting with displays in the Faculty of Technology. The Water Studies Centre is concerned with the understanding of aquatic systems and the improved management of water quality. The Centre for Applied Polymer Research focuses on the development of polymer manufacture and the improved application of this versatile material in industry and commerce. Polymers have many applications in engineering and the CAUML technology is contained in almost everything used in the home, office or factory. The research centres of the Centre for Applied Mathematical Modelling (CAMP) include expertise in various aspects of environmental investigations, design and presentation of short courses and training courses. The displays of these Centres will be presented in conjunction with the Division of Mathematical and Environmental Sciences.
School of Art and Design

Student's work will be on display and staff will be available to provide information on courses and careers.

A Block, Level 2 - Chisholm Concepts
10 am to 4 pm: Ceramics and glassware produced by students and staff will be on sale.

B Block, Level 5

Drawing and collage work will be in progress and on display. Posters, T-shirts, greeting cards and 3D pieces will be for sale.

B5.55

Studio techniques in photography will be demonstrated.

B5.53

Prints will be on display and printmaking techniques will be demonstrated.

Computer Graphics

B5.15

Computer graphics work will be in progress.

Level 6

Graphic Design

B6.37

Work will be on display and course information will be available.

Ceramic Design

B6.25

10 am, 11 am, 1 pm, 2 pm and 3 pm - Videos of ceramics, glass and architectural work will be shown.

D Block, Level 6

Fine Art

C6.02

Sculpture activities and displays will be shown.

D Block, Level 2

Fine Art

D2.03

Drawing activities will be in progress and a display of painting and drawing will be shown.

F Block, Level 5

Computer Graphics

F3.20

Students will be working and software will be demonstrated in the Computer Graphics Centre.

David Syme Business School

C Block, Resource Centre

C4.22

Staff will be in attendance to answer your queries on studying marketing, accounting, banking and finance, and management.

Brochures will also be available.

Business Technology

C2.28

11 am to 2 pm.

Ken Gane will be on hand to answer your queries. Computer equipment will be on display.

General Information

Administration Office

C3.24

11 am to 3 pm.

Staff will be available to answer inquiries.

School of Social and Behavioural Studies

HUMANITIES

Information and staff available to discuss courses and careers.

Politics

B4.46

Communication Studies

B4.45

Literature

B4.48

Sociology

9 Princes Avenue

Police Studies

7 Princes Avenue

APPLIED PSYCHOLOGY

Careers Advice

If you are interested in the possibility of studying psychology and becoming a psychologist, any member of our staff (in Rooms B4.58, B4.59, B4.83 and B4.85) will be able to help. An outline of Chisholm's psychology is contained in the brochures freely available in the foyer area on Level 4.

Films - Room B4.58

One film starts each hour on the hour.

'Manhunt': (A very funny John Cleese film, about good and poor interviewing for personnel selection purposes).

'The modern meaning of efficiency': (Presents principles about the supervision and motivation of people at work).

'Development': (Outlines the development of children from birth to adolescence).

'Decisions, Decisions': (Another John Cleese film about decision making).

Informal Discussions

Staff of the Psychology Department who have expertise in the topics covered by a film will be available for informal discussions.

Study/Careers

The staff will be happy to help potential students with their questions about the course, syllabus, degree structure and so on. The course is one of seven in the State which are pre-requisites for state registration as a psychologist, and staff will be glad to discuss other career paths. Two post-graduate courses are also available: the Graduate Diploma in Applied Psychology and the Master of Arts by research.

Continuous Displays - B4.59

• Transfer of Skill
• Pursuit Rotor
• Lie Detector
• Skin Sensitivity
• Colour blindness testing rooms

Sense organ models

Computer Demonstrations - B4.59

Computers and statistics are widely used by psychologists to analyse results of research.

These simple computer games illustrate the power and flexibility of small computers, and give a simple introduction to the field of Statistics.

• Blackjack
• Poker Machine
• Lucky Tattslothto Numbers
• Perpetual Calendar (Find out on which date you were born).
• Nim (beat the calculator at picking up matches).

Snake

Dodgem

Cameo

Bows and Arrows

Biohythms

APPLIED SOCIOLOGY - B4.60/4.77

Continuous displays will be presented and staff will be available for information and discussion.

Studying Sociology - B4.77

Video films of sociology students discussing the power of current interest. There will be a poster display and staff available for information and discussion.

What do Sociologists do? - B4.69

Some answers to this question are given in an audio-display illustrating the scope of sociology as taught by Chisholm and career prospects for graduating sociologists. Examples of final year student research will be on display.

The Faculty of Technology

Division of Digital Technology

APPLIED PHYSICS

The Applied Physics Department presents fun, fantasy and facts in rooms F2.02 and E3.10 (The planetarium). From 11 am - 3 pm you will see the following:

Physics is fun - F2.05

Spectacular displays and fiddling is encouraged here. Also see our newest toy, how to make your personal computer see.

Physics is serious - F2.06

See holography, acoustics, electrical measurements and microcomputer applications. Discuss your future career.

The universe in a room - E3.10

The planetarium will show runs continuously from 11 am to 3 pm. See the wonders of the universe here on earth.

ROBOTICS

E4.03

Demonstration of the move­ments and programming of an Asea Ind.6-6 industrial robot. Several smaller educational robots will also be on display, including the 'walking, talking', Hero-I robot.

Information will be available on Chisholm's courses in digital technology, and in robotics.

Division of Engineering and Industrial Technology

ELECTRICAL AND ELECTRONIC ENGINEERING Basic Circuit Principles - B3.47

Display to illustrate the fundamentals of electrical engineering.

Continued Page 3
School of Education

A Block

A2.01 (passage outside)
Course advice and information.
A2.01/A2.02 (CMC)
Computer education, language development and mathematics education materials as used by students within their teaching courses and in the pre-schools and schools' systems.

Room A2.08
An early childhood activity display as found in pre-schools and kindergartens within which Early Childhood students study and work for much of their course.

A2.3
Science Education, Social Science Education / Protective Behaviour.

Programs and materials from the above course areas at the pre and post initial program levels.

Room A2.7
Outdoor Studies / Recreational and Sports Studies.

Room A3.2
An exhibition of Ceramic Design students' works - small examples of work created by Jenny's students. A display of musical instruments and programs currently in use in teacher education programs.

The Faculty of Technology

Microcomputer Modelling

(economic forecasting)

Testing Room 1 (Struan House)

Microcomputer games and Quiizes

(Personal finance and questions)

Testing Room 2 (Struan House)

Video screenings on management

Room 2.13D (Struan House)

(short 15 minutes every hour)

Display:

'Stories of Struan' Staff Publications

Student assignments. A Block and Struan House

Advise on courses Resource Centre, Struan House.

The Apple Macintosh personal computer will be demonstrated from 1 to 4 pm.

School of Social and Behavioural Studies

HUMANITIES

Central Information

Cafeteria

Information on courses and careers will be available and staff will be on hand to answer queries.

Displays A4.4/A4.5

Audio-visual displays illustrating aspects of the literature, politics and communication studies courses.

APPLIED PSYCHOLOGY

Continuous displays and demonstrations will be shown and staff will be available to answer questions about the course and careers in psychology.

Displays A4.4/A4.9

The displays will include:

- Transfer of skill
- Skin sensitivity
- Visual illusions
- Spiral after-image
- Sense organ models
- Colour blindness testing

Demonstrations will be given on microcomputing for psychology.

Films and Videos

Lecture Theatre A4.7

Meetings / Bloody Meetings

Psychological effects of isolation

(One will start each hour on the hour).

APPLIED SOCIOLOGY

Sociology at Work

A4.1/A4.2

A video film of a typical sociology tutorial class on a topic of current interest - actually during a 'summer' semester.

Poster display, and staff available for discussion and information.

What is Sociology all about?

A4.1/A4.2

On-going audio-visual display which illustrates the scope of sociology as taught at Chisholm and career prospects for graduating sociologists.

On display are examples of students' research output.

Post-graduate studies in Sociology

A4.1/A4.2

One graduate course is available - Community Education. Staff and students of this course will be present, with display material, to answer queries.