

# *student information brochure*

1964-1965



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

3700 Willingdon Ave.,  
Burnaby 2, B.C.





*Mr. E. C. Roper, Principal*

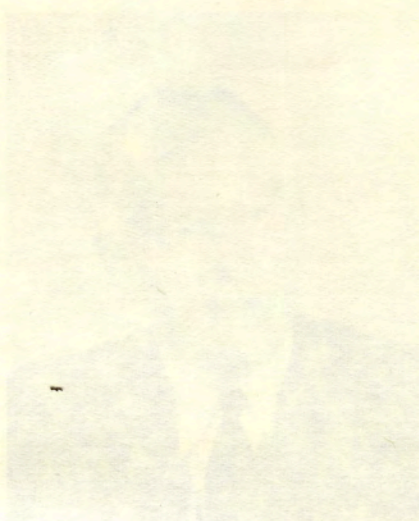
The nature of education at the British Columbia Institute of Technology differs markedly, both in content and in purpose, from the Vocational training offered at the Provincial Regional Vocational Schools and from the more general professional education provided at the Universities.

One of the chief purposes of education at the Institute of Technology is to provide industry with personnel trained in the application of known methods and of tested principles to problems in industry. The need for such personnel is evident enough in industry's recognition of a three-fold team comprising the professional engineer, the technologist, and the journeyman. Similarly, in commerce and in the professions the need for competent personnel to carry out the increasing number of complex tasks now considered essential has opened many roads to people with advanced training in technique as well as theory. In looking to the Institute of Technology for the training of the technologist, industry, commerce and the professions place a severe responsibility on this institution. We must ensure that trained young people of the right calibre will be forthcoming to meet their demands for well-trained personnel.

If a technician is to bridge the gap between the skilled craftsman and the professional, he must have a good knowledge of the work of the craftsman and sufficient understanding of the Mathematics and Science of his particular field so that he can interpret the work of the professional in terms of the finished product.

All the programmes will demand ability, strong motivation, serious effort and application on the part of the student.





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PRINCIPAL  
SPECIAL ADVISER  
REGISTRAR  
BURSAR  
ASSISTANT BURSAR  
LIBRARIAN  
PLACEMENT OFFICER  
NURSE  
SUPERVISOR OF STORES  
BOOKSTORE  
VISUAL — AIDS

### SCIENCE PROGRAMMES

BUILDING  
TECHNOLOGY :

CHEMICAL & METALLURGICAL  
TECHNOLOGY :

CIVIL & STRUCTURAL  
TECHNOLOGY :

ELECTRICAL & ELECTRONICS  
TECHNOLOGY :

FOOD PROCESSING  
TECHNOLOGY :

FORESTRY  
TECHNOLOGY :

FOREST PRODUCTS UTILIZATION  
TECHNOLOGY :

### ADMINISTRATIVE STAFF

*E. C. Roper, B.Sc., M.B.A., P. Eng.*  
*H.C. Gunning, B. A. Sc., S.M., Ph.D., P. Eng.*  
*J. T. Field, B. Comm.*  
*D. Holden, C.A.*  
*B. J. Van Rhyn*  
*Mrs. J.M.F. Jorgensen, B.A., M. Lib.*  
*D.W. McGhee*  
*Miss S.L. Burwash, R.N.*  
*M. M. Turnbull*  
*T. Millar*  
*E.G. Bakony*

### INSTRUCTIONAL STAFF

*K.B. Davison, B. Arch., F.R.A.I.C.*

*W.S. Adams, B.A. Sc., P. Eng.*

*C. Barnetson, B. Sc.*

*W.J. Bogyo, B.A., A.R.T.*

*R. Collins, B.A., B. Ed.*

*W.R. Irvine, B.A., M.Sc.*

*J.R. Woodward, B.A. Sc.*

*A.J. Elston, B.E.*

*G. Berkenpas*

*G.Q. Lake, B.A. Sc., P. Eng.*

*E.I. Gaspard*

*T.J. Glave, B. Sc., A.C.G.I.*

*N.E. McClary, B. Sc., P. Eng.*

*R. E. Ridsdale*

*S.B.J. Andersen, B.A.*

*R.B. Hyde, B.S.A., M.S.*

*A.C. Buckland, B.A. Sc., P. Eng.*

*V. Heath, B.S.F.*

*G.R. Harris, B.A., M.A.*

*G.W. Mitchell*



## SCIENCE PROGRAMMES

GAS & OIL  
TECHNOLOGY:

INSTRUMENTATION & CONTROL  
TECHNOLOGY:

MECHANICAL  
TECHNOLOGY:

MINING  
TECHNOLOGY:

SURVEYING  
TECHNOLOGY:

## BUSINESS PROGRAMMES

BROADCAST  
COMMUNICATIONS:

BUSINESS  
MANAGEMENT:

HOTEL, MOTEL &  
RESTAURANT MANAGEMENT:

## MEDICAL PROGRAMMES

MEDICAL LABORATORY  
TECHNOLOGY:

## INSTRUCTIONAL STAFF

*I. M. Anderson, H.N.C., P. Eng.*

*D. Breckner, B.A., M.A.*

*J. W. Evanson*

*D. K. Bannerman, B.A. Sc., S.M., P. Eng.*

*G. D. Johnson, H.N.C., G.I. Mech. E.*

*K. Johnson*

*W. M. McLean, H.N.C.*

*W. A. Tangye, B. Sc., P. Eng., P. A.*

*S. C. Todd, H.N.C.*

*A. H. Manifold, B. Sc., M. Sc.*

*D. R. Mason, B. Sc., B.C.L.S.*

*R. I. McNeil, B. Surv., B.C.L.S., D.L.S.*

*A. M. Nelson*

*D. V. Trevorror, B.C.L.S.*

*M. S. Bishop*

*L. Irvine*

*C. N. MacKeown, B.A. Sc., P. Eng.*

*J. C. McAdam, B.A. Sc., P. Eng.*

*C. R. Riopel, B. Comm.*

*P. Woolley, M.A., C.A.*

*H. E. Wuhrer*

*M. M. Coltman, C.G.A.*

*J. G. Lindenlaub*

*S. Lipovsky*

*S. T. Richards, C.H.A.*

*Mrs. M. J. Blair, B.A., A.R.T.*

*Miss N. E. Bruce, L.C.S.L.T.*

*Mrs. G. M. Camden, B.A., A.R.T.*

*Mrs. E. M. S. Sinclair, R.T.*

*Miss E. A. Whiteside, B.A., R.T.*



## MEDICAL PROGRAMMES

## INSTRUCTIONAL STAFF

MEDICAL RADIOGRAPHY  
TECHNOLOGY :*A. Kozak, B.Sc., R.T.**A. Ridgway, M.S.R., F.S.R., R.T.**Miss P.M. Rogers, R.T.*

## DEPARTMENTS

## CHEMISTRY :

## ENGLISH :

*K. Brambleby, B.A.**N. Chippindale, B.Sc.**P.E.F. Coleman, B.A., M.A.*

## MATHEMATICS :

*E. J. Cairns, B.Sc., P.Eng.**E.R. McGuire, B.Sc., P.B.**A. P. Paris, B.A. Sc., M.A. Sc.**W. S. Sims, B.Sc.**R. A. Sterne, B.Sc.*

## PHYSICS :

*J. E. Orme, B.A. Sc.**W. Thumm, B.A., B.Sc., B.Ed., M.A.**A. B. L. Whittles, B.Sc., M.S., Ph.D.*



AVENUE

B. C. VOCATIONAL SCHOOL

TO STUDENT PARKING →

STAFF  
PARKING

FOOD  
SERVICE  
BUILDING

B.C. INSTITUTE OF TECHNOLOGY

MECH.  
BLDG.

PARKING

PARKING

PARKING

TO STUDENT PARKING →

WILLINGDON

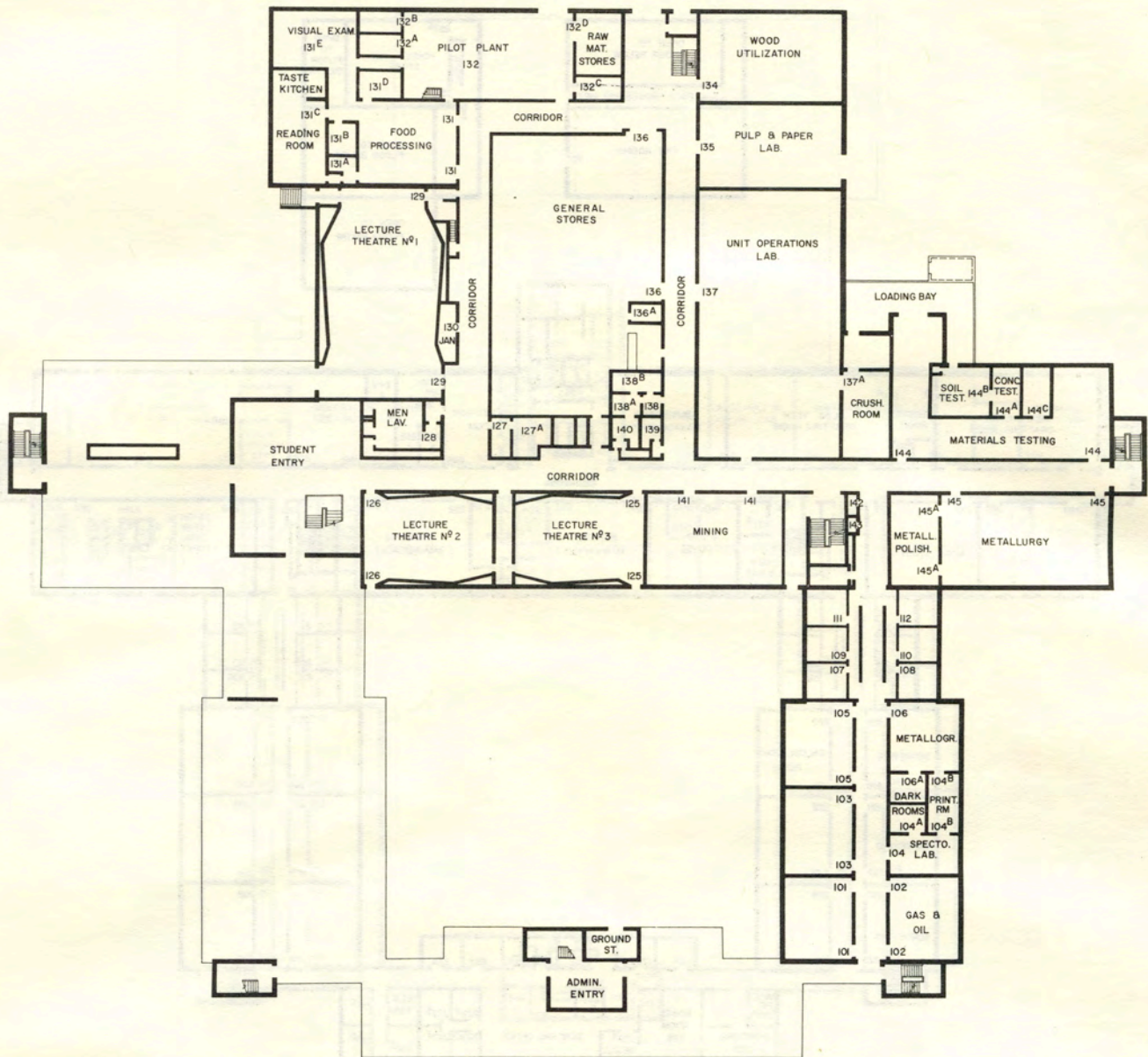
## Ground Plan

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY



# BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Burnaby, B. C.



WILLINGDON

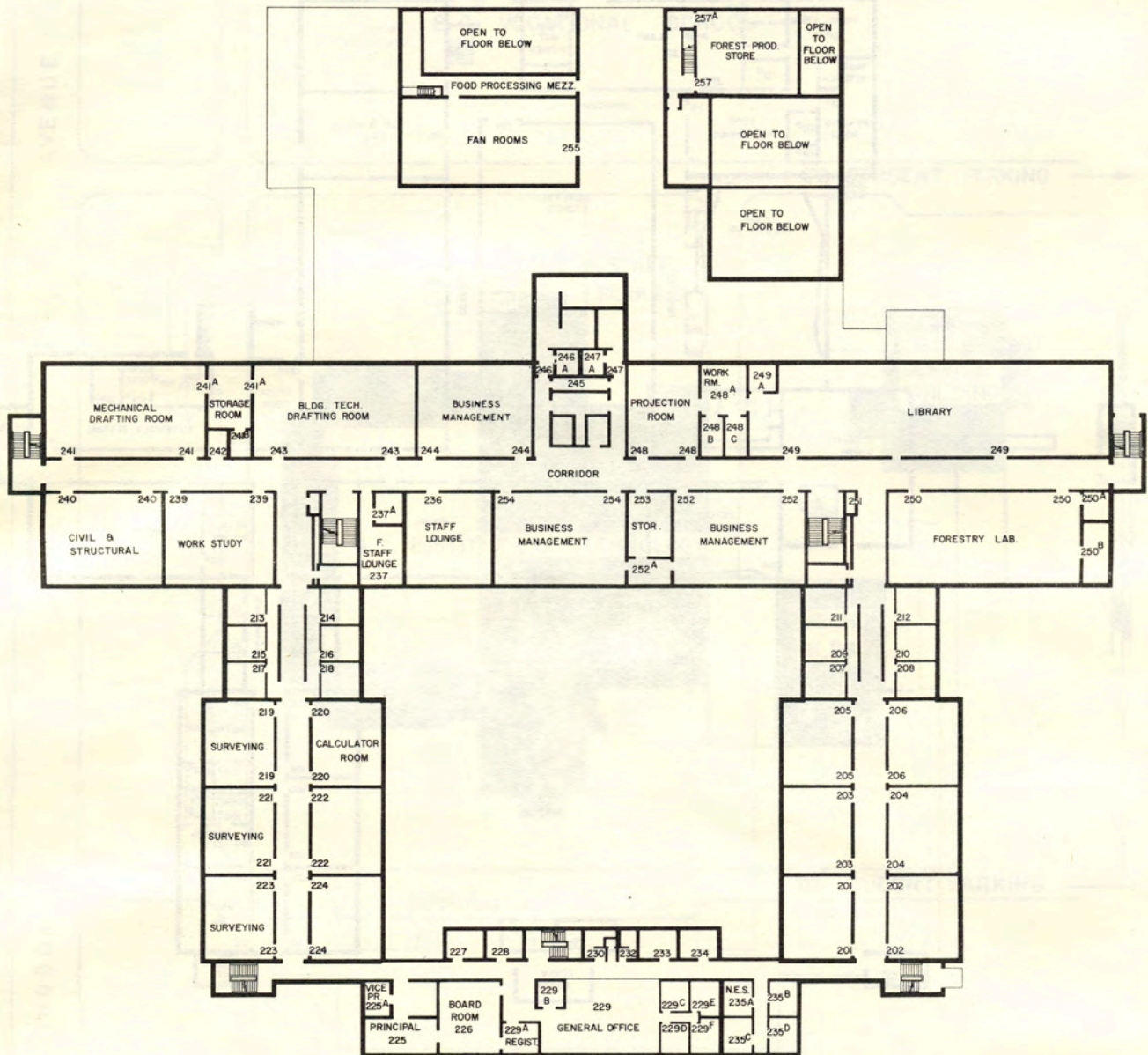
AVENUE

FIRST FLOOR PLAN

0 10 20 30 40 50 FEET



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY - BURNABY, B.C.



WILLINGDON

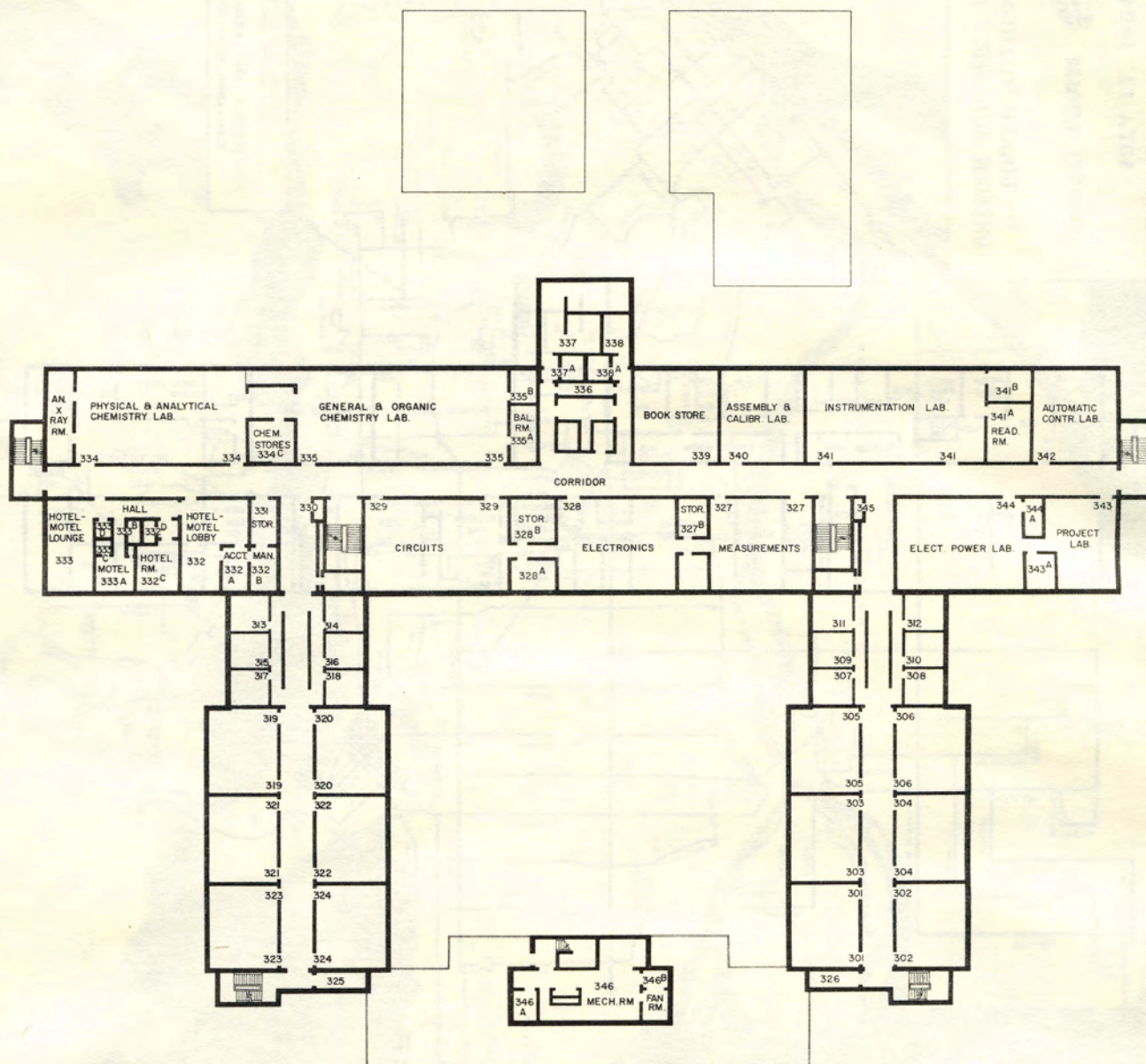
AVENUE

SECOND FLOOR PLAN

0 10 20 30 40 50 FEET



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY - BURNABY, B.C.



WILLINGDON

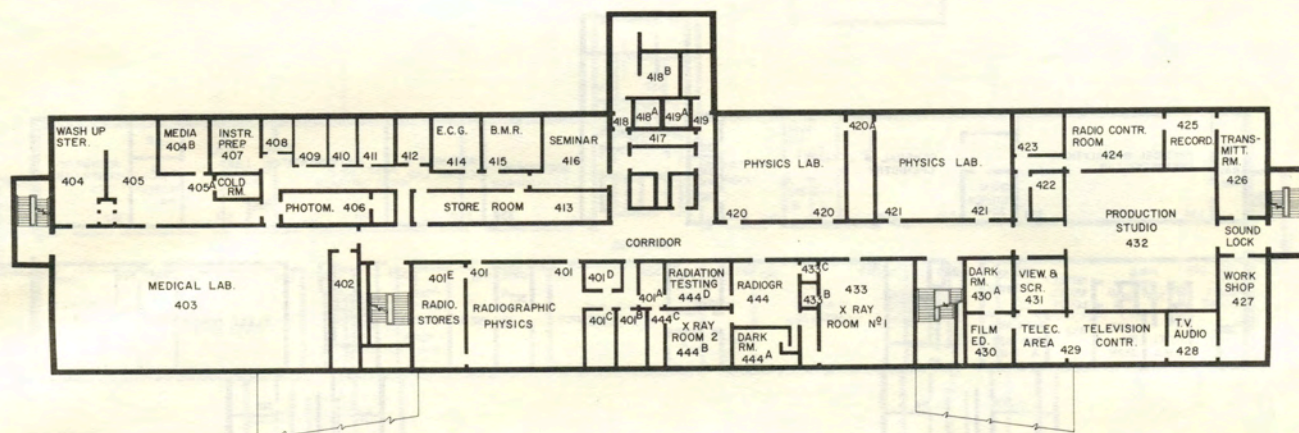
AVENUE

THIRD FLOOR PLAN

0 10 20 30 40 50 FEET



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY - BURNABY, B.C.



WILLINGDON

AVENUE

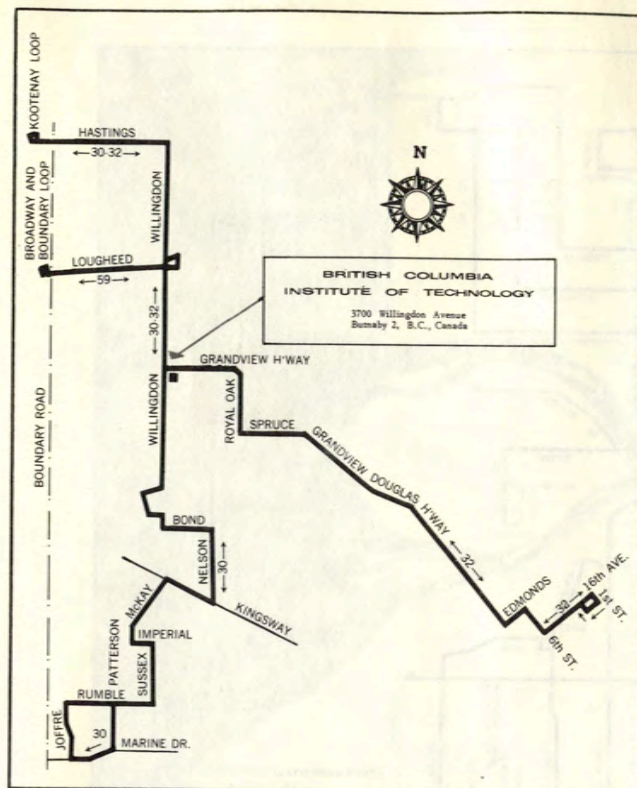
FOURTH FLOOR PLAN

0 10 20 30 40 50 FEET









For information on how to  
reach the  
B.C. Institute of Technology  
from your residence

Phone AM 1-4211

FOR STUDENTS ATTENDING THE  
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY,  
THE FOLLOWING BUS SCHEDULES ARE APPLICABLE DURING B.C.I.T. HOURS

	<u>LEAVE KOOTENAY</u>	<u>ARRIVE B.C.I.T.</u>
NO. 30 WILLINGDON	7.55 AM 8.25 AM	8.07 AM 8.37 AM
NO. 32 GRANDVIEW HIGHWAY	8.15 AM	8.25 AM
	<u>LEAVE BOUNDARY AND LOUGHEED</u>	
NO. 59 LOUGHEED	8.17 AM	8.25 AM
	<u>LEAVE KINGSWAY AND MCKAY</u>	
NO. 30 WILLINGDON	7.55 AM 8.25 AM	8.08 AM 8.38 AM
	<u>LEAVE EDMONDS AND GRANDVIEW HIGHWAY</u>	
NO. 32 GRANDVIEW HIGHWAY	8.05 AM	8.20 AM

THE SCHEDULE OF TRIPS LEAVING THE  
B.C. INSTITUTE OF TECHNOLOGY  
IN THE AFTERNOON IS AS FOLLOWS

	<u>LEAVE WILLINGDON AND GRANDVIEW HIGHWAY</u>
NO. 30 WILLINGDON TO KOOTENAY LOOP	5.38 PM
NO. 32 GRANDVIEW HIGHWAY TO KOOTENAY LOOP	5.48 PM
NO. 59 LOUGHEED TO LOUGHEED AND BOUNDARY	5.48 PM
NO. 30 WILLINGDON TO KINGSWAY AND MCKAY	5.37 PM
NO. 32 GRANDVIEW HIGHWAY TO GRANDVIEW HIGHWAY AND EDMONDS	5.30*PM

\* THIS TRIP WILL BE CHANGED TO 5.37 PM  
IF NECESSARY







## BOOKSTORE

The Institute operates a Bookstore, from which students may purchase all the prescribed texts and most of the supplies that will be required. The Bookstore will be open daily from 12:30 pm to 2:30 pm. Students are advised not to purchase any text-books or supplies until they have met with their Instructors.

## LIBRARY

The library of the British Columbia Institute of Technology is regarded as central to the educational process. Its books and other services are available to staff and students. Since it is a new library it contains at present only 4,000 carefully selected works. Great emphasis is placed on a completely up-to-date reference collection. The library receives over 200 carefully selected periodicals, but does not retain a back-issues file.

Close co-operation between Instructors and Library personnel ensures the constant development of the Library as a vital part of the instructional investigation of ideas and problems.

Library facilities are explained to students during Orientation. Instruction in the use of reference-books and periodical indexes, and guidance in research problems, is given throughout the year.

The library opens at 8:45 am and closes at 6:00 pm Monday through Friday.

## CLASSROOMS AFTER HOURS

Student groups may use the Institute lecture theatres and classrooms at noon and after hours by making a reservation ahead of time. These reservations are made through the Bursar's Office.

Smoking and eating in classrooms are strictly forbidden.

## LABORATORY COATS

Laboratory coats will be supplied by the Institute. They will be issued during the student's initial laboratory periods. Students who lose or damage laboratory coats will be charged the sum of \$5.00.



## COUNSELLING

The staff of the Institute is available for interviews with students to discuss the Institute programmes and to offer advice and help. Student queries may be directed to the Registrar's Office.

## STUDENT RECORDS

Students will be required to supply additional personal information to complete the Institute records. This will be obtained following enrolment.

## CHANGE OF ADDRESS

It is very important that the Registrar's Office know your local address, and be informed of any change of address.

## PLACEMENT SERVICE

The Institute assists students to obtain placement both during the summer vacation and after graduation. The Service is under the direction of the Placement Officer. He arranges interviews with prospective employers, and brings opportunities to the attention of students and graduates looking for positions.

To meet the increasing need for an effective placement service for all students, the Vancouver office of the National Employment Service has established a branch employment office at the Institute.

## FINANCIAL ASSISTANCE FOR STUDENTS

Government scholarships and other financial assistance will be available to students attending the British Columbia Institute of Technology.

The British Columbia Institute of Technology Bursary Fund is being established through private means. Awards will be made annually, by a committee comprised of the Principal of the Institute and representatives from commerce and industry, to deserving students of the Institute.

Bursaries will not be considered until January, 1965. Application should be made at the Registrar's Office.



## CAUTION ACCOUNT

Students are required to deposit \$10.00 into their Caution Account at the commencement of each year. Misuse or damage to Institute property will result in an assessment being levied against the student's Caution Account deposit.

## LIVING ACCOMMODATION

There are no dormitories at the Institute. Students may obtain room and board in the vicinity of the campus at a reasonable rate. A list of accommodations may be obtained from the Registrar's office. Room and board will cost approximately \$70 to \$90 a month.

## STUDENT PARKING

There is a student parking area, capable of handling 1500 cars, east of the Food Services Building. All students are to use this area. Under no circumstances are students to park in the Instructors' parking lots.

Cars parked in restricted areas will be impounded. They may be recovered upon presenting proof of ownership, and paying the towing charge.

## FOOD SERVICES

An excellent food service building will provide economical meals for students.

Food services facilities will be open to our students from September 1, 1964. Business hours will be as follows:

COFFEESHOP : from 10:00 am to 3:00 pm — Monday to Friday

CAFETERIA : from 11:30 am to 1:30 pm — Monday to Friday

Meal service will include a la carte, short order, snacks and full course meals.

Prices will be very reasonable, and menu choice will compare favorably with any good restaurant. No evening meal will be served.



## LOCKERS

Full-length locker space is provided for the safe storage of personal effects. A locker, complete with lock, will be allocated to each student on registration day. Students who lose or damage locks will be charged \$1.00. Students are warned to have identification marks — preferably names and addresses — on their books, instruments, and other effects. All personal valuables should be kept on the student's person, or secured in his locker. The Institute cannot accept responsibility for any loss or damage to students' personal property.

## STUDENT BEHAVIOUR AND DRESS

It is assumed that all students enrolled at the British Columbia Institute of Technology come for a serious purpose, and that they will conform cheerfully to all regulations. (For details regarding regulations with respect to conduct, discipline and attendance, refer to the Calendar, page 37.)

All students are required to dress in a neat and tidy manner in keeping with the dignity of the Institute. For men this means the wearing of the following attire on the campus:

- (i) Shirt and tie.
- (ii) Business suit, or sports coat or blazer with suitable trousers.
- (iii) In laboratory and shops a laboratory coat, which will be supplied by the Institute, is worn in place of the coats or blazers mentioned in item (ii).

Women should be attired appropriately in accordance with the regulations for men.

Slacks or shorts are not appropriate attire for women students.

## SMOKING

Smoking is not allowed during lectures or during labs. Smoking is allowed in halls, during period breaks. Students must use ashtrays.

## STUDENT HEALTH SERVICES

A Student Health Services Clinic is operated in Room 138 during school hours on weekdays. A part-time physician directs the programme and a nurse is in attendance. Services include



examination, health counselling, first-aid and emergency care, limited out-patient care for minor illnesses and injury, immunization, and chest X-rays. It is the policy of the Institute to cooperate with private family physicians and outside professional facilities rather than try to supplant them. The purpose of the Clinic is to keep students at the highest level of efficiency and to conserve learning power.

The health of a student is important to the Institute. For this reason you have been asked to complete a medical questionnaire and to report illnesses when they arise. All records are held in confidence by medical personnel.

Hours of attendance at the Health Services Clinic are: 8:30 a.m. to 12:00 noon and 1:00 to 4:30 p.m. by appointment. Emergencies (telephone Local 253) are dealt with without appointment.

Students developing any illness are expected to report to the Health Services Clinic on the first day of the illness. Students absent for one week or more on account of illness must report to the Health Services Clinic before returning to class. When a physician has been in attendance, the student is advised to report with a medical certificate.

### **HEALTH INSURANCE**

The Institute is not responsible for medical care or health services beyond those indicated above. Because of the high cost of medical care, students are urged to obtain health insurance unless they are covered by policies held by their parents. By special arrangement with B.C. Medical Services Incorporated an extremely low-cost insurance is available. Details may be obtained from the Bursar.

### **CONTROL OF COMMUNICABLE DISEASES**

#### **1. Tuberculosis :**

A tuberculin test is provided by the Health Services Clinic. A chest X-ray will be taken where indicated as a result of this test. In addition, students are offered tuberculin testing and BCG vaccination where indicated.

#### **2. Other Communicable Diseases :**

Immunization for smallpox, poliomyelitis, diphtheria and tetanus is strongly recommended.

The development of any communicable disease in an Institute student or any person living in the same house must be reported to the Health Services Clinic without delay.



## EXTRA - CURRICULAR ACTIVITIES

It is expected that a Student Association will be formed following the beginning of the first term. The governing body of the Association will be the Students' Administrative Council, composed of officers elected by the student body. This Council will represent the student body and will administer student funds as outlined in the constitution of the Student Association.

Annual dances will be held at the discretion of the Principal.

## ATHLETIC COMMITTEE

A committee of appointed staff representatives and elected student members will organize the athletic activities of the Institute.

A playing field and changing facilities are situated east of the Institute.

## BULLETIN BOARDS

The main student bulletin board is located in the Student Entrance. Other student bulletin boards are located throughout the buildings. To keep informed, read the bulletin boards.

Any material which is to be placed on bulletin boards must first be submitted to the Registrar's Office for approval.

Students must not attach signs and notices to walls.

## TELEPHONES

A number of pay telephones are located in the main building for student use. Students must not use other Institute telephones, except in cases of emergency.

## LOST AND FOUND

If you find any books, keys, or other personal property, please leave them at the Main Stores. If you have lost something apply at the Main Stores.



## ACCIDENT INSURANCE

Students are requested to take advantage of the twenty-four-hour accident coverage policy available through the Equitable Life Insurance Co. of Canada.

\$5000. Death and Dismemberment — \$3.00 per year. All enquiries to be made at the Bursar's office.

## CALENDARS

Calendars are available at the Registrar's Office.



SESSION

TERMS

	1	2	3	4	5	6	7	8	9
M O N									
T U E									
W E D									
T H U									
F R I									

Students Are Referred to the Institute  
Calendar for Detailed Information  
regarding Rules and Regulations.