

ENGINEERING EDITION

NOMINATIONS CLOSE
SATURDAY, FEB. 14, NOON



S.A.C. FLAG DAY
FRIDAY, FEB. 13

CANADA'S OLDEST OFFICIAL STUDENT PUBLICATION

Vol.73, No. 14

FREDERICTON, N. B., THURSDAY, FEBRUARY 12th, 1953

Price 9 cents per copy

LADY GODIVA RIDES AGAIN

ENGINEERS WELCOME PATRONESS AT FORMAL

Dainty, gilt-clad toes peeking under soft soft, glamorous gowns. Well disciplined curls shaken by undisciplined laughter. Bold, ambitious men with gay, laughing ladies. This was the scene last Friday night at one of the most distinguished social events of the year—the Engineer's Formal.

As the guests arrived they were received by Dr. E. O. Turner, Dean of Engineering and Mrs. Turner; Mr. D. J. Brewer, president of the Fredericton Branch of the Engineering Institute of Canada, and Mrs. Brewer; and Mr. E. L. Bryenton, president of the Engineering Society, and Miss Irene Turnbull.

The entertainment soon struck a lively tempo to the pleasing orchestrations of the Criterions. The Ball Room of the Lord Beaverbrook was appropriately decorated for the occasion, displaying the crests of the three glorious legions of Engineering—Civil, Electrical and Mechanical and their common symbol—the slide-rule. There was also a practical demonstration of the Engineer's genius. A red and white light-weight canopy covered the orchestra (many of the more sceptical expected this to become true, literally, before the evening was over).

Between the dances four or five couples gathered about each of the tables placed around the dance floor. During intermission the orchestra obligingly accompanied the celebrants in a sing-song. It was about this time that the boys gave themselves a resounding introduction to the residents of the hotel by singing their International anthem "We Are The Engineers".

After that rollicking old time everyone agreed that "The Engineer has no peer" when it comes to entertainment. Anyone who doubts the authority of those words should take a quiet peek in a Castle Hall window along about Saturday night (Wassail Time).

HANDBOOK PUBLISHED

The Engineering Society, has this year, published an Engineering Handbook. This is the first handbook that the Society has ever published and it is hoped that it will be published every year in the future.

This handbook is designed to familiarize engineering students with the organization and activities of the Society. It contains the revised constitution of the Society, the executive of the Society, messages from the Dean of Engineering, the General Secretary of the EIC, the president of the Professional Engineers of N.B., and the President of the Society. Information about the Joe Kaiser Memorial Loan Fund, requirements for the technical paper contest and a list of important engineering events of the year are also included.

This publication will be distributed to the Engineering Societies of other Universities with whom the Society is affiliated through the EIC Engineering students may obtain their copy of this handbook during Engineering Week.

PROFESSIONAL DEVELOPMENT

Last Thursday evening, in the Civil Engineering building, Mr. Bill Randall instructor for the Dale Carnegie courses, presented a lecture on Public Speaking to a group of professional and student Engineers. Mr. Randall stressed the important points necessary to an effective address. His easy style of talking to his audience made himself his own good example.

After Mr. Randall's address the meeting divided into three discussion groups. The lecture was reviewed and the group leaders referred the questions which arose during the discussion to the speaker.

This was the first in a series of lectures designed as a professional development course covering non-technical subjects which vary from Public Speaking to Municipal Affairs. The course

ART CENTRE NOTICE

This Sunday's programme is being presented by Ken Pepperdine and will include:

Schubert—Trio in B Flat.
Elgar—Cockaigne Overture.
Rachmaninoff — Rhapsody for piano and orchestra on a theme by Paganini.

ELECTION NOTICE

Elections will be held on Wednesday, February 25th. Nominations close on Saturday, February 14th at noon.

being sponsored by the Fredericton Branch of the Engineering Institute of Canada is similar to those being given by other branches in Canada, and is as recommended by the Engineer's Council for Professional Development (E.C.P.D.).

U.N.B. AIDS EUROPE DUTCH DIKES

EDITOR'S NOTE: The following article describing some of the engineering and economic aspects of the Dutch dike system is presented in the hope that students may realize how much the recent flood disaster will affect Holland's economy.

Nature has not been kind to Holland. Nature endowed her with few natural resources, and the elements wage a continual battle with her inhabitants. For existence and sustenance Holland has therefore, had to rely upon human resourcefulness, and in this Dutchmen have not been lacking.

Holland's natural resources are limited to twelve coal mines in the southe-eastern province of Limburg, an oilfield in the north-east of Holland, and salt deposits along the eastern coast; and although the country has many rivers their fall is so slight that they are of no importance for generating power. Yet, despite these drawbacks, industry in Holland absorbs nearly forty percent of the working population. It is due to Dutch engineering skill that this is so. Holland is crossed by a maze of canals which enable raw materials to be cheaply imported, and the products from its industries to be easily exported.

The main problem which faces Holland is, however, the feeding of its people. Holland, less than half the size of New Brunswick, has to support a population twenty times as large as that of the Canadian province, and this with almost half of the Netherland country lying below sea level. The Dutchman's most persistent enemy is then the sea, which continually seeks to deprive Holland of some of its most precious agricultural land. For centuries Dutch engineers have successfully met the challenge of its most powerful enemy, and, with pressure of increased population, have, in recent years, carried the attack into the enemy's camp.

Since the tenth century dikes and locks have been constructed to curb nature's attack, and render the low lying areas of Holland inhabitable. On June 29th, 1920 defence was turned into attack. On that day began one of the greatest reclamation projects ever conceived in Holland. The Zuiderzee, formed in 1300 when terrific storms washed away a line of protecting sand dunes and inundated a low-lying marshland, was to be enclosed and the underlying land reclaimed.

The plans for the enclosing and partial drainage of the Zuiderzee, drawn up by a Dutch engineer Dr. C. Lely, entailed the construction of an enclosing dam from North Holland to the island of Wieringen, a distance of one-and-a-half miles; and a second enclosing dam from Wieringen to the Frisian coast, a distance of twenty miles. With the closing of the last gap on the dam, in May 1932, the Zuiderzee had been transformed into a freshwater lake. With the Zuiderzee enclosed, now began the work of drainage and land reclamation. After six-and-a-half months of uninterrupted pumping by two pumping stations, a new polder, that of Weiringermeer, was dry and habitable Holland had been enlarged by some 49,000 acres of arable land. In 1942, the drainage of the North East Polder added a further 119,000 acres. With the completion of the Easternpolder, started in 1950, and the planned Westerpolder and Southerpolder the arable land of Holland will be increased by ten percent. An area of 310,000 acres of the Zuiderzee not reclaimed will serve as a freshwater reservoir.

In recent weeks, however, Holland has received, at the hands of her old enemy, a set back in her ambitious plans; a setback which, perhaps, cannot be fully sustained by the Dutch people.

WIDE OPEN DOORS

If great clouds of dust were seen arising from the Engineering Buildings on Wednesday let us explain the situation. We were only beating the dust out of the "Welcome" mat in preparation for the grand Open House which was held last night. It was an all-star revue staged by the Civil, Electrical and Mechanical departments to demonstrate the Engineering facilities available at

the University. For the benefit of citizens of the city and of students in other courses the members of the classes of the three Engineering branches worked in the labs to illustrate the various equipment and to answer questions for the visitors.

The Open House was planned as part of the Engineering Week programme and was a very important attraction.

Campaign Opens

A European Flood Relief campaign has been initiated on the campus by the Students' Activities Commission. Plans were laid for the fund raising drive at the weekly meeting last week. The SRC endorsed the drive and it is now in full swing.

The full details of the campaign were not available at press time, however, they may be found on the posters in any of the University buildings. Plans have been completed for holding a flag day tomorrow, Friday. Letters have gone out to all campus organizations seeking their financial assistance. An attempt to receive gate receipts from last week's basketball game was rejected by the SRC on Thursday. The financial crisis of the Council led them to reject any support other than moral, of this cause.

The SAC has attempted to publicize the campaign widely by use of posters and by direct approach, in an attempt to assure the financial success of the drive. A provisional goal of 1000 dollars has been set. Negotiations are underway for a dance as well as several other ventures which are expected to give a boost to the campaign. The drive, however cannot succeed unless all organizations and individuals give their wholehearted support.

The funds will be disbursed through the facilities of the International Red Cross, who have been officially delegated as Canadian agents for relief by the Prime Minister.

Actors Unsuccessful

The new Brunswick Regional Drama Festival ended in Saint John last Saturday night with the presentation of Fortune, My Foe, by the UNB Drama Society.

Following the performance and adjudication, Saint Joseph University was awarded the trophy for the best presentation of the festival. Their entry was Moliere's celebrated comedy, *Le Bourgeois Gentilhomme*. The award for the best actor also was taken by the French-speaking players. Miss Jean Wood, of Saint John, was awarded the best actress distinction.

In his adjudication of Fortune, My Foe, Mr. Allen had few specific criticisms. The players were at times inaudible, he said, and more effect could have been reached with varied lights. The remainder of his adjudication consisted of a discussion of the play itself, which Mr. Allen had difficulty in understanding — due more to Robertson Davies than UNB. He seemed to doubt the wisdom of the choice of play rather than the standard of its presentation.

ENGINEERING



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Opinions expressed by columnists are those of the writers themselves, and not necessarily those of the editorial staff.

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ASSISTANCE NEEDED

In 1951 the Massey Report advocated federal aid to universities and, as a result, some financial assistance has been forthcoming. However, if Canadian universities are to be run on a sound financial basis, government assistance must be increased. Augmented federal aid can only result by setting aside an amount for that purpose in the budget. Such an action may only be done at the expense of some other government service or else by an increase in taxation.

A large item in a university's budget is the cost of equipment, and this applies particularly to the engineering faculty. The amount of laboratory equipment that may be purchased by a department is very limited and some equipment which is badly needed cannot be obtained because of the high cost. The consequence of this is that a restriction is placed on research work done by the engineering faculty, and in addition, work at the undergraduate level may be hampered.

Why is it that Canada's large engineering companies do not make donations of equipment to universities? These companies have an enormous yearly turnover and the donation of a few items of equipment would be insignificant compared with their total output. Universities would not only benefit but the manufacturers themselves would benefit from the advertising value such donations would have. It is notable that the only engineering companies who have made donations have usually been the smaller concerns. The giants of the engineering business have not, as a rule, shown such generosity. It should, therefore, be brought to the attention of Canada's large engineering companies that such donations will prove beneficial to both themselves and the universities as well as to many of their future employees.

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FROM DR. TURNER

While checking on the history of the Engineering Society the other day, I discovered that the first constitution of the Society was accepted on January 16, 1904. It appears therefore, that our Society is about to complete the first half century of its history.

In its early days the Society offered membership to the practicing Engineers of the Saint John Valley, and had a few members from the State of Maine. The first honorary president of the Society was the Lieutenant Governor, the Hon. J. B. Snowball. Today the practicing Engineers still meet with the UNB Engineering Society, but as our guests, and we in turn are guests of their organization, the Fredericton Branch of the Engineering Institute of Canada.

In this half century many students have contributed something to the Society, and to its members, and in so doing have done something for themselves as well. We often hear complaints from members of the Institute, and other Engineering bodies, that not enough is being done for the individual member. It might be suggested to these discontented people, that if they chose to take the opposite line of approach, and ask themselves "What can I do for the Society," they would not only be far happier in their membership, but they would be adding to their value as Engineers.

From service to one's own Professional Societies, it is only a step to public service, which is an item that should appear in the program of all educated individuals. The Engineer has an unequalled opportunity for public service, and by his good acts, can raise the prestige of the profession as well as his own. It is never too early for the young men and women in Engineering to contemplate this proposition. Unsuspected happiness and satisfaction may be the result, as it often has been in the past.

As usual, you have your Dean's best wishes for happiness and prosperity in the years ahead.

—E. O. TURNER

SUPPLY AND DEMAND

Hardly a week passes without at least one representative of an engineering company visiting the campus in search of prospective employees among engineering students. Compared with last year's high demand, the call for engineers, this year, is even greater and shows no sign of diminishing in the near future. One consequence of the shortage of engineers is that the engineering graduates are able to pick their future employers to suit their own particular desires. No longer does the engineer have to seize the first offer he receives so that he may be certain of employment after his graduation.

The offering and acceptance of employment is governed, as are all forms of barter, by the law of supply and demand. In order to keep pace with other companies in attracting employees, engineering firms are giving better incentives when offering jobs. Many large companies now offer their own training courses, salaries have increased and security plans are being improved. From the student's point of view this is a welcome state of affairs.

Unfortunately, there is a second and not so obvious outcome of this situation. As a result of the increased demand, the quality of the supply does not necessarily have to be as high as when the demand is limited. Low grade graduates have little more difficulty in obtaining positions than do the higher grade students. If the present high demand continues for many years, it is conceivable that engineering students may be lulled into a false security and may have an inflated idea of their own importance. Consequently, the ambition and initiative of engineers may decrease, which would in turn impair the efficiency of the engineering industry.

Therefore, let us beware of such a trend, keeping in mind that the present demand for engineers could well diminish rapidly at any time, depending on world conditions. Engineers must continue striving to improve themselves and broaden their minds so that they may take their place successfully in Canada's engineering industries.

Letters to the EDITOR

To the Editor,
The Brunswickan,
University of New Brunswick.
Dear Sir:

I am informed that the Student Activities Commission is sponsoring a campaign to raise funds for European flood relief. All monies raised in the campaign will be distributed by International Red Cross.

I am glad to have this opportunity to endorse the campaign. The devastation in Holland and England caused by the tremendous floods of recent weeks is gigantic. In both these countries, especially in Holland, the disaster is more than ordinarily serious coming as it did long before the tragic effects of the war could be overcome. I am sure that all Canadians will wish to do whatever they can to help both the Dutch and the English. I sincerely hope that the local campaign will meet with a generous response from both students and faculty.

Yours very truly,
A. W. TRUEMAN,
President.

OH WELL HE'S AN ENGINEER

There are times on this university campus when an Engineer is made to feel that he (or she) is culturally starved and stutteringly inarticulate. A bloke who can think only in terms of electrons or stresses. It's time for a change! Cast away that thought, you who are constantly examining the seams of old literary garments and analyzing the fine lines of a "work of art". Toss away your dark glasses of ignorance and examine the engineer by the lights of a bonfire of burning traditions.

When an engineer receives his diploma you may be sure that he is the best educated man in the class. He is equipped with specialized training which enables him to obtain an interesting job which actively contributes to society. But in addition to this he has studied courses in: English, Law and Accounting, Economics, Public Speaking, Literature, Business Finance, Chemistry, Geology plus French and (or) German. This provides the engineer with an excellent foundation on which to build a broad cultural outlook. Although he takes no course in Psychology, he may, if ambitious, acquire a working knowledge of that subject by observing the strange actions of a species called the Artsman.

Don't ever accuse a modern Engineer of being uncultured just because he doesn't fondle a first edition of some obscure or even well known classic with reverent fingers. The judgement is too often given on the narrow basis of art alone. That kind of culture, like good manners, should be cultivated and used—but not flaunted. The dictionary defines the word Culture as "the act of developing by education and training". This, therefore, supports the argument that since engineers now have a varied and also specialized education, then they are the cultural equal, if not superior, of any graduate in any course.

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This being that time of year when the engineers are gladder than usual that they are engineers and the foresters are sorer than usual that they are foresters, it is only appropriate that in this column we should extend our general theme and attempt to show fellow students the engineer's viewpoint upon certain Residence occurrences. With this aim in view, a reliable firm of insulating engineers was hired to make a survey of various items deemed to be of particular importance. And so it was that, on Tuesday night, a Brinell hardness testing machine, a light intensity measuring instrument, several timing instruments and numerous other articles of testing apparatus were moved into the Residence and prepared for operation on Wednesday.

All Residence dwellers, and many students who have eaten at the Residence at some time or another are aware of the legendary hardness of the baked potatoes served here. It has always been a question of consuming interest to engineers of both the city and the university—just how hard are Residence baked potatoes? Is their hardness comparable to that of diamond, thus making it possible to revolutionize the mining industry; or in the other extreme, are they as soft as cast iron? Since the Brinell hardness test is standard for structural materials, this test was performed and, finally, after two machines had been completely shattered, the following results were obtained.

Material	Endur.	Brinell No.
Cast Iron	10,000	350
Cast Steel	50,000	400
Wrought metals	150,000	550
Diamond	300,000	1600
Baked Potatoes	900,00	739x10 ³

These measurements are accurate only to the third figure.

Always an item of great importance in any structure occupied by man is the degree of lighting available. The following results with regard to this item were eventually obtained after considerable barking of shins in the semi-darkness answered by the bark of a dog on George Street.

Location	Illumination ft. candles	Recommended Illumination
Lounge	12	20
Corridors	3	10
Pool	55	20
Dining Hall	35	15
Spotlights	40	0

It is hoped that these results prove to be enlightening to our readers.

Next the Residence clock was given a thorough check-over. It was found that the operating parts were somewhat grimy, and a number of its parts were in an inoperative condition. By precise timing, using electronic counters, the investigators found that the clock lost 48 hours every 5 minutes at the instant considered, but the calibration curve is almost vertical. Thus the rate of change of error with respect to time is nearly infinite. It is predicted that within one week, the hands will be rotating at an infinite speed in a counter-clockwise direction, and the bells will be playing "Happy Days are Here Again" in 3-4 time.

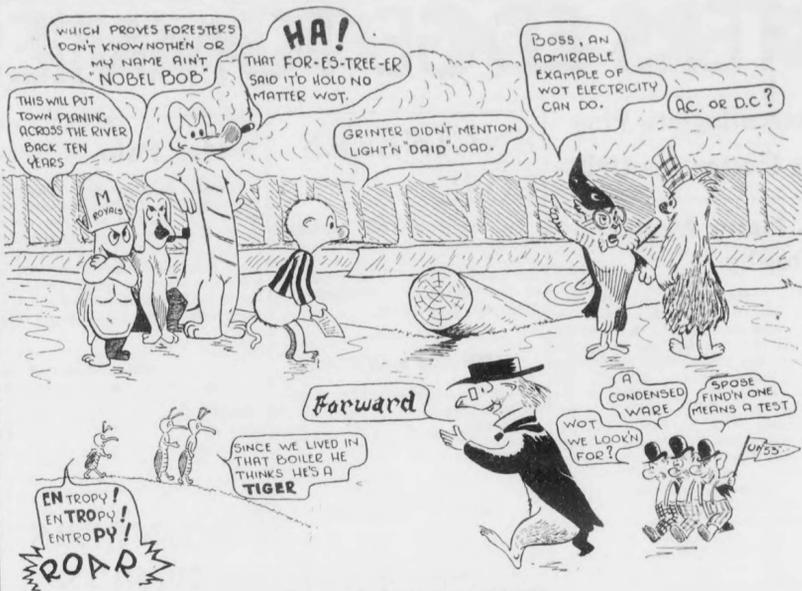
Many other tests were carried out, but the results are not for public perusal. The conclusion was reached, however, that despite its engineering incongruity, the Residence is a great place in which to live.

Appropriately, our Man of the Week is Earl Bryenton, Engineering Society President, whose efforts have produced an Engineering Week of which all good engineers can be proud.
—TOBICLES & EUREKA

Why are Women Like Newspapers?

1. They have forms.
2. They have a large circulation.
3. A back issue is not in demand.
4. They come in all types.
5. They stack up well.
6. Some can be picked up on street corners.
7. You can't believe half they say.
8. They aren't worth much.
9. You should have one of your own and not borrow your neighbour's.

—The Falt-Ye Times.



DO YOU KNOW THESE PROFS?

SMOKE RINGS

Bad men want their women To be like cigarettes Just so many, all slender and trim In a case Waiting in a row To be selected, set aflame, and When the flame has died, Discarded. More fastidious men Prefer women like cigars. These are more exclusive, Look better and last longer; If the brand is good. Engineers treat women like pipes And become more attached to them The older they become, When the flame is burned out, They still look after them, Knock them gently, And care for them always— No engineer shares his pipe. —the Carleton

New Mechanical Professor



A new face has been added to the Department of Mechanical Engineering at UNB with the appointment of F.R. Coleman, M.E.I.C., as assistant professor of Mechanical Engineering.

Graduating from Nova Scotia Tech in Mechanical Engineering in 1933, Professor Coleman comes to UNB after wide and varied experience in the field of engineering.

He was born in Sydney, N.S. and received his early education at Sydney Academy. His pre-engineering was taken at Mt. A. from whence he proceeded to N.S.T.C.

After five years with DOSCO in Sydney, Professor Coleman worked in connection with the Canadian Vocational Training Program, on job analysis, and aptitude and achievement testing, in Glace Bay and Halifax.

During the war years, he was a trade testing officer for the R.C.A.F. and also worked in job analysis and training for Clarke-Ruse Aircraft in Dartmouth, this was followed by a period of time with C.V.T. schools and the rehabilitation of veterans.

Professor Coleman joined the staff of Nova Scotia Tech in 1948 and came from there to UNB last fall. Presently teaching kinematics, drawing and power plant design, it is understood that he will give a course next year in industrial engineering and engineering economy.

Professor Coleman is married and has one daughter.

The Professional Engineer's Role in Canada

Canada has made rapid industrial and economic development in the last few years and much of her growth can be attributed to the professional engineer. When Canada was first colonized, transportation was the chief problem. As transportation was only possible by water travel, engineers built canals around nature's obstacles. A good example is the Welland Canal which is only part of the canal system which makes a continuous water route from Fort William to the Atlantic.

Railroading began in Canada in 1855 with a 16 mile line between La Prairie and St. Johns, Quebec. Since then nearly 58000 miles of track have been laid. The complete story is filled with the great feats of engineering.

With the coming of the automobile, building of roads became an important problem. Our modern roads built through forests, abridging rivers, etc., posed a great problem to the professional engineer. However the job was not insurmountable and to date nearly 556,000 miles of roads have been built in Canada exclusive of towns and cities. Possibly the most spectacular accomplishments in Canada have been the construction of airports. A total of 136 paved and lighted aerodromes are now in use. The soil conditions in Canada vary from permafrost to treacherous clays on our seaboards. These soil conditions are now under continuous study by professional engineers.

Professional engineers and geologists have played an integral part in the recent development of natural resources in Canada. The increased exploration for oil, uranium and base metals has increased the need for engineers. Through the efforts of the scientist and the engineer, the production of these metals has increased. Here the engineer has supplied the knowhow for design and operation, and the constant improvement in our mechanical machinery.

Although contested by a few, engineering is probably the best training a person can get. His technical training teaches him precision and self-discipline. Rounded out by a background of general arts, the engineer is in an unequalled position to launch a career. The story of engineer's achievements is just beginning. The horizon is unlimited and likewise the role of the professional engineer in the future development of Canada.

Murgatroyd Was a cow more athletic than Muddery. She hopped a picket fence and Was Destroyed Udderly.

TELEVISION COMES TO U.N.B.

Through the efforts of two professors in the Electrical Engineering department, UNB will shortly have a television station. This station, however, will not radiate programmes and will be used only for demonstration purposes in the electrical building.

For the past few months, Professors Collier and Plummer have been busy constructing the necessary equipment. The station will consist of a television camera linked by cable to a remote receiver together with the necessary auxiliary equipment. The receiver will have a 7 inch picture tube and the definition, while not up to commercial standards, is expected to be good.

This apparatus will be a welcome addition to the facilities of the electrical engineering department and will provide most students with their first opportunity to see television in operation.

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HOOPOSTERS EDGE TOMMIES 57-53

Win Close One in Intercollegiate Play Abernathy High Point Getter for UNB

Last Friday night in the Lady Beaverbrook Gym, the Men's Varsity basketball team got back into the Intercollegiate race by virtue of a close 57-53 victory over the boys from St. Thomas. The UNB squad opened the scoring early and it looked as if they were going to make a rout of it, but the Tommies caught fire towards the end of the quarter and started to make their bid. The quarter ended 19-10 in favour of the boys from "Up the Hill".

Midway through the second frame, the St. Thomas lads crept to within two points of the winners, and looked as if they were going to go on and take the lead. Then a foul shot by Simpson and a field goal by Abernathy added three more points just before the siren blew, and UNB still held the lead 34-29.

At the end of the third quarter, the Tommies were still only 4 points behind, as a result of fast moving action with repeated set shots and wide passes. But, the UNB team was equally as fast as they kept ahead all the way. Score at the end of the third quarter was 42-38.

In the last quarter, St. Thomas repeatedly tried to close the gap and take the lead, but the tireless efforts of the "home crew" would have none of it, as they kept pace and as the siren sounded to end the game, the scoreboard read 57-53, in our favour.

The crowd was not a large one, but it is hoped that in future games, they'll turn out in numbers and support their team. It's not very encouraging to the boys on the floor when they glance up into the seats, and see more vacant places than filled ones. So how about getting behind the team that's representing your college, and help them on their winning ways.

Lineups:
St. Thomas—Stevens 9, George 1, McMullin 18, Grant 4, O'Brien 20, Leger, 0, Powers 0, Hurley 0, McClusky 0, Keohan 1.

UNB—Bracken—0, Burley 6, Simpson 9, Ellison 0, Garland 7, Cheeseman 4, Bowlen 0, Gorman 7, Prentice 0, Ronan 3, O'Brien 9, Abernathy 12.

Hockey Standings

QUEBEC SENIOR LEAGUE						
	P	W	L	D	F	A
Chicoutimi	51	28	14	9	182	133
Royals	53	29	20	4	179	146
Sherbrooke	49	23	22	4	161	144
Valleyfield	50	21	21	8	138	145
Ottawa	48	21	20	7	140	155
Quebec	48	17	22	9	142	170
Shawing	47	11	31	5	135	184

PROVINCIAL LEAGUE						
	P	W	L	D	F	A
St. Jerome	59	31	19	9	236	212
St. Hyacin	60	29	23	8	258	212
Ste. Ther.	60	25	27	3	204	203
Lachine	59	18	34	7	197	218

QUEBEC-ONTARIO JUNIOR						
	P	W	L	D	F	A
Canadiens	39	31	8	0	197	82
Quebec	41	29	4	1	170	122
Three Riv.	42	12	20	2	114	194
Royals	43	7	33	4	108	208

WESTERN DIVISION						
	P	W	L	D	F	A
Marlboros	47	30	11	6	173	107
Barrie	46	31	13	2	218	157
St. Mike's	46	27	14	5	200	149
St. Cath.	44	23	18	3	174	174
Galt	46	22	21	3	197	186
Oshawa	48	19	26	3	198	237
Guelph	47	18	27	2	171	195
Windsor	45	13	28	4	96	141
Kitchener	46	10	33	3	139	201

MONTREAL LEAGUE						
	P	W	L	D	F	A
Canadair	11	6	2	3	50	37
Molson's	11	4	4	3	42	39
Cancar	11	4	4	3	39	40
C.N.R.	12	4	6	2	39	47
Northern	11	4	6	1	34	41

INTERCOLLEGIATE						
	P	W	L	D	F	A
Laval	6	4	1	1	30	22
U. of M.	4	3	1	0	23	19
Toronto	5	2	3	0	26	30
McGill	4	0	3	1	9	16

J. Harry Moore Trophy

The J. Harry Moore Memorial Trophy, donated by the engineers of the graduating class of 1952, was awarded for the first time last year to the Engineers who defeated the Foresters team in the annual game of hockey in the York Arena. The presentation of the trophy was made by the Dean of Engineering, Dr. E. O. Turner. The trophy is a memorial to the late Professor J. Harry Moore, who died in London, England in August, 1951.

An outstanding engineer, Professor Moore received his B.Sc. in Civil Engineering from the University of New Brunswick in 1935, his M.Sc. from M.I.T. in 1936, and went overseas to study for two years on an I.O.D.E. scholarship. Returning to UNB in 1939, Mr. Moore was a very prominent professor in the Civil Engineering department and was widely known throughout the province in engineering work. He was the founder of the engineering firm then known as Moore, Beattie and Associates and at the time of his death was president of the Association of Professional Engineers of New Brunswick.

The last class to which Mr. Moore lectured the class of 1952, realized the need for a memorial to such an outstanding figure and decided to donate this trophy in his memory. The funds for this trophy were donated by the engineers of 1952 and through the sale of tickets, some of which were sold by students of other faculties. The trophy was purchased with these funds and will be available for competition again this year.

Intramural Hockey

This being Engineering Week, by all rights the three Engineer's teams in this league should have walked off with the honours, but some of the teams took a dim view of Engineering week, last Sunday. The only Engineering team to uphold their honour was the Engineers 34's as they scored a shutout over the Science crew by a 2-0 count. MacGinnis notched both goals, while Lord, Grant, and Dunphy gathered assists. Dunphy was the lone offender of the game as he was waved to the sin-bin for a minor infraction.

The Senior Civils went on a scoring spree as they added 9 goals to their record, but their opponents went one better as they dented the time 10 times. For the winners, Clark was the high point-getter as he blinked the light 5 times. Walton netted 2, Paterson 2, and Weaver 1. For the losers, Donkin notched 3, Dewey 2, Burt 2, and Battersby and Stannix, one apiece. Four minor penalties were called, two aside.

The Axemen got back into the win column with a 7-3 victory over the Engineers 12's. Murphy was high point-getter for the Axemen as he went on a three goal scoring spree. Wagar picked up 2, while Hatcher and MacNeish each tallied once. For the losers, the scoring was evenly distributed among three players: Robinson, Mann and Ferguson. Only one penalty was called, that to MacLagan of the Axemen.

The Foresters 321's continued their winning ways with an impressive 3-0 whitewashing over the Artsmen. They continue to lead the league and are still the only undefeated team in play. Scorers were Roy, Prime and Beach.

Standings to date:

	W	L	T	GF	GA	Pts
For. 321's	5	0	1	20	7	11
Eng. 34's	4	1	1	20	8	9
Res. Majors	4	2	1	29	23	9
Axemen	4	2	0	27	17	8
Eng. 12's	3	3	1	18	26	7
Arts	2	5	0	10	14	4
Science	2	5	0	13	19	4
St. Civils	0	6	0	13	35	0

Scoring statistics:

	G	A	Pts	Pen
Clark (Res)	8	3	11	2
Wagar (Axe)	6	4	10	0
Paterson (Res)	6	4	10	2
Cross (For 321's)	5	5	10	4
Hatcher (Axe)	5	3	8	0
Hyslop (Axe)	4	4	8	0
McFarlane (Sc)	6	1	7	0
Burns (Res)	5	2	7	2
Ferguson (E. 12's)	4	3	7	0

ENGINEERS LOSE

Saturday afternoon the Mechanical Engineers lost to the Administration I team in the fall term finals of the faculty bowling league. At the completion of the final strings—Administration 2834; Mechanicals 2798.

FRESHMAN BASKETBALL

	Won	Lost	Points
Wrights	5	1	6
Smallwood's	3	1	6
Brook's	1	3	2
Christie's	1	3	2

FACULTY BOWLING

	Strings	Points
Administration II	8	11
Civils	9	7 1/2
Administration I	9	6
Mechanicals	6	3 1/2
Arts	9	3
Science	6	1

FIVE PIN BOWLING

	Strings	Points
Red Bloomers	6	8
Co-Eds	6	5
St. Foresters	6	3
Okofenokees	6	3
Delta 1/2 Delta	6	1

INTRAMURAL BASKETBALL

	GP	W	L	T	F	A	Pts
First Division							
Arts & Sc.	4	4	0	0	228	168	8
Chemists	4	2	2	0	146	166	4
Alumni	4	1	3	0	132	154	2
Trip. F's	4	1	3	0	160	178	2
GP W L T F A Pts							
Second Division							
New. Club	5	4	1	0	224	171	8
Res. Scrap.	5	4	1	0	210	166	8
Tarfu	5	3	2	0	168	193	6
Jr. Engn.	4	1	3	0	117	135	2
Res. Ram.	5	0	5	0	154	201	0

CANDLEPIN BOWLING

	Strings	Points	Pin Fall
Transits	9	12	4092
Residence	6	8	2632
Faculty	9	7	3848
Newman Club	9	4	3916
St. Foresters	6	3	2560
Fresh. Science	6	1	2430
Rockets	9	1	3639

High Single—John Rice, Transits, November 20th (120).

High Triple—Bill McCordick, Newman Club, November 20th (323).

Fall Term Finals: won by Newman Club.

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Water Polo

Saturday afternoon the Engineers helped to start Engineering Week off in the right direction when they downed Tri-Service 12-0 in a regular game of the water polo league. The Residence team edged the Foresters 5-4 to break the first place tie in the league. Up to Saturday, the Residence and Foresters were leading with 7 points each.

Team Standings:

	W	L	T	F	A	Pts
Residence	4	0	1	39	16	9
Foresters	3	1	1	31	15	7
Engineers	2	3	0	27	30	4
Tri-Service	0	5	0	4	37	0

ENGINEERS IN SPORTS

Approximately 60% of the engineers enrolled at UNB are active in the campus sporting world. Both varsity and intramural sports have their fair share of engineers. Based on the Physical Education Departments records, the following percentages were brought to light:

Sport	% Engineers
Varsity Hockey	31%
Intramural Hockey	30%
Freshman Basketball	36%
Intramural Basketball	43%
Varsity Basketball	58%
Water Polo	33%
Swimming	23%
Bowling	60%
Gymnastics	45%

These percentages are based on the number of engineers in the sport with respect to the total number of students participating in that sport.

Since the engineering faculties comprise about one-third of the total university enrollment, these percentages are notable.

As well as the engineering students being in sporting activities, the engineering professors and alumni participate. The Civils and Mechanicals hold down 3rd and 5th spot in the faculty bowling league. Five graduate engineers are on the lineup of the Alumni intramural basketball team which is in 3rd place in the first division of the league.

The Varsity Hockey team has five engineers on its roster this year. They are:

F. C. Landers, Moncton, N.B.	...C.E.3
Allen Richard, Moncton, N.B.	...E.E.3
C.M. Manson, Ottawa	...M.E.2
Ed Allen, Bridgewater	...Min. 2
Joe Robinson, Rothesay	...CE.1

The Varsity Basketball team has seven engineers on the players list and a graduate engineer coaching:

C. C. Bowl, Woodstock	...CE.4
Tom Gorman, City	...CE.3
John Roman, Newcastle	...E.E.3
George O'Brien, Campbellton	...M.E.3
Charlie Cheeseman, City	...M.E.1
Jim Burley, Montreal	...SE.2
Eric Garland, Moncton	...SE.4
Coach Doug Rogers, City	...E.E.4

ENGINEERS, FORESTERS Play 2-2 Draw

On Monday evening, York arena was the scene of the annual hockey clash between the Engineers and Foresters, a notable event during Engineering Week.

The game was an even hard fought struggle from the opening whistle to the final bell, and in the dying minutes a mild skirmish broke out near Fraser's net which had the making of a miniature donnybrook.

The Foresters started things off with both their goals in the first 15 minutes. Vic Smith potted the first on a near passing play with Hewitt. 4 minutes later, Smith put a loose puck on the stick of Mac Cross who beat Fraser with a short drive. Cross took the only trip to the cooler during the first frame for crosschecking. However, the Foresters seemed to get along without him as they crowded their opposition for the two minutes.

Don Hallett then made a long rush with Breaux and Cormier to put the Engineers back in the contest with a hard drive near the close of the period.

Checking became more prominent in the second half when Donkin and Prime brought their sticks a bit high and were sent to the sin-bin for roughing penalties. Play became ragged for awhile as Smith was sent off for a two minute rest for kneeing. With the teams at full strength the tempo increased and half way through the final session, Hallett made another end to end rush to tie the count at 2 all. Campbell getting the assist. In the dying minutes of the game, the Foresters began to put on the power and Fraser in the Engineer's net battled away several drives which seemed to be labelled. With but a few minutes remaining, Ken Walker was given a minor penalty for holding, and then a ten minute misconduct for disagreeing too strenuously with the referee, Bill Baker. The final bell rang as the score stood at 2-2.

An overtime period was impossible because the management of the arena had only allotted one hour for the game, and the ice had to be prepared for another game.

Summary:
1st period: (1) Foresters, — Smith (Hewitt); (2) Foresters, Cross (Smith)
(3) Engineers — Hallett (Breaux, Cor-2nd period: (4) Engineers, Hallett (Campbell)

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ENGINEERS, FORESTERS 2-2 Draw

Evening, York arena was the annual hockey clash between Engineers and Foresters, during Engineering Week.

It was an even hard fought opening whistle to and in the dying minutes broke out near Fraser's making of a mini-book.

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the period was impossible management of the arena totted one hour for the re- were had to be prepared game.

(1) Foresters, — Smith
(2) Foresters, Cross (Smith)
(3) — Hallett (Breau, Cor-
(4) Engineers, Hallett

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PINDER STARS FOR U.N.B.

St. Thomas of Chatham defeated UNB Senior Varsity 4-1 at Sinclair Rink last Tuesday night to take a commanding lead in their NB-PEI Intercollegiate hockey semi-final series. The second game will be played in York Arena here in Fredericton this Saturday night. Winners of the second game total goal series will advance to the finals against the winner of a similar series between St. Dunstan's of Charlottetown and Mt. A. of Sackville. St. Thomas outskated and outplayed UNB and time and time again they stormed the Red and Black goal, only to be stopped by a stout hearted UNB corps and the tremendous efforts of the UNB netminder. Jack Pinder was easily the best man on the ice as he stopped the heavier and faster Irish forwards on shots from all angles.

But the game was by no means one-sided. Although St. Thomas did carry the play and did outshoot Varsity by a wide margin, a different story was told in Newcastle Tuesday night. The old pattern of a strong UNB team and a weak St. Thomas entry was reversed, but more important, the Pete Kelly coached team had more fight than they have had in past years as they showed that they are by no means eliminated from Intercollegiate play.

The forwards hustled all the way and their backchecking proved to be a thorn in the side of the highly rated Miramichi team. Although they lacked the polish to put the puck in the net, they showed all the fighting spirit and old college try that has been wanting on UNB hockey teams for some time.

UNB's fast start payed off as the hard fighting Hillmen caught the Tommies by surprise. Varsity carried the play for the first two minutes of the game and Herbie Stewart found the range for the Red and Black halfway through the first period. Hub Mockler shot from the blueline bounced out from behind the net to Stewart. A short slap shot whistled between Coyne's skates, and UNB led 1-0.

But, St. Thomas stormed back for the rest of the period and began to take over the play. Only the fine work of Bedard and Baker on the defence line and the excellent display of goal tending on Pinder's part prevented the Irish from tying the score.

The Tommies were not to be denied though, and their superiority showed in the second period. Early in the period St. Thomas finally found a small hole in the UNB defence wall. With Pinder sprawled on the ice after stopping a long shot from the blueline, David snared the puck behind the net, carried it out in front and whipped it into the open side of the net. Two and a half minutes later, a three man attack for the boys from Chatham left McKinnon uncovered in front of Pinder. The St. Thomas player made no mistake as he slammed the rubber past the game but beaten goalie.

But the Green and Gold were unable to break through for another goal in the second period as the defencemen did outstanding work on the blueline. Their pokechecking was effective but the forwards couldn't make their passes click, as they began to tire.

The Chatham team did not break in to the scoring sheet again until half-way mark in the third period. David picked up a loose puck at centre ice and before the defence could recover, Pinder had been beaten again, but only after stopping two hard shots. The final goal came with less than five minutes remaining in the game, when McKinnon scored his second of the game unassisted.

Referees Stewart and Martin called ten penalties—6 against UNB. At one point in the final period, Varsity were two men short as a result of a double penalty, but Manson, Bedard and Ward did a terrific job of killing the penalty without any damage resulting.

Bedard and Baker were the best men on the strong UNB defence, while Hub Mockler fought hard and skated well on the forward line. For St. Thomas, centreman Jackie Boyle and defenceman V. Stewart were the stars, although the two goal effort of McKinnon and David is certainly worthy of mention.

Jack Pinder however, was easily the best man on the ice, stopping 46 shots.

Shots by periods:
Coyne 5 4 7 — 16
Pinder 15 13 18 — 46

UNIVERSITY HOCKEY STARTS

UNB Varsity played their first game of Intercollegiate hockey last Tuesday, February 10. On Saturday (February 14) the Tommies come to Fredericton for the second of the two game, total goal series.

This year Pete Kelly has had to almost completely rebuild his defending NB-PEI champs. Only Jack Pinder and Barrie Wilson remain from last year's squad. However, the Hillmen are far from being a weak team.

Not a high scoring team, their strength lies in their defence. This defence features a hard-hitting defenceman in Joe Bedard, alongside a converted forward Henry Ward. Del Gallagher and Bill Baker make up the other unit in front of goalie Pinder. Pinder himself is an efficient goal line defence. Since the beginning of the Commercial League he has the lowest goals against average despite the fact his team is not in first place.

With John Wilson out with a broken wrist, Rick Landers has moved in with Manson and B. Wilson to round out one line. Richard centers Elliot and Allen on another while Mockler, Robinson and Stewart complete the attacking unit.

Game time this Saturday is 7:30 p.m. Admission is 25c with students pass which will include skating after the game until 11 o'clock. Let's all get out and support Varsity at their first home game on the trek to the NB-PEI title for another year.

N.B. - P.E.I. Intercollegiate Basketball Standings

Mt. A.	2	0	0	4
St. Dunstan	1	0	0	2
U N B	1	2	0	2
St. Thomas	0	2	0	0
W	L	T	Pts	

Two Irishmen were admiring a couple of dogs at the dog-show.
Said Pat: "Those two dogs are remarkably alike."
Mike: "Yes they are, especially that one."

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SPORTS AT A GLANCE

- February 12th (Thursday)**
7 p.m.—Intramural Candlepin bowling — Frosh Sc. vs Newan Club
9 p.m.—Faculty bowling — Science vs Arts
- February 13th (Friday)**
3 p.m.—Freshman basketball—N - Brooks vs Christie
5 - Smallwood vs Wright
7 p.m.—Faculty bowling — Mechanicals vs Admin I
9 p.m.—Faculty bowling — Admin II vs Civils
7 p.m.—Mt. A. Girl's Varsity vs UNB Co-eds
8:30 p.m.—Intercollegiate basketball — Mt. A. vs UNB
- February 14th (Saturday)**
2:15 p.m.—Water polo — Residence vs Engineers
3:20 p.m.—Water polo — Tri-Service vs Foresters
7 p.m.—Commercial League Hockey — NBEPC vs UNB
8 p.m.—Curling
9 p.m.—Alumni Bowling
8 p.m.—Intercollegiate Hockey—St. Thomas vs UNB (York Arena)
- February 15th (Sunday)**
2 p.m.—Intramural Hockey — Engineers 34's vs Sr. Civils
3 p.m.—Axemen vs Foresters 321's
- February 16th (Monday)**
7 p.m.—Intramural Candlepin bowling — Rockets vs Transits
9 p.m.—Intramural Candlepin bowling — Sr. Foresters vs Newman
- February 17th (Tuesday)**
7 p.m.—Fivepin bowling —Okefenokees vs Delta 1/2 Delta
9 p.m.—Fivepin bowling — Jones Boys vs Sr. Foresters
- February 18th (Wednesday)**
7 p.m.—Intramural Basketball (N) Newman Club vs Tarfu. (S) Jr. Engineers vs Residence Scrappers.
8 p.m. Intramural Basketball — (N) Falcons vs Arts & Science (S) Triple Fs vs Chemists
9 p.m.—Intramural Basketball—(N) Residence Ramblers vs Alumni
7 p.m.—Fivepin bowling — Co-eds vs Red Bloomers

Meet the Engineers

Through many a weary lecture
This gleaming beacon shines
A symbol of the knowledge
His close cropped skull confines
He can design a building,
From the roof down to the cellar.
But when he designed himself
He forgot to install a speller.

Through lecture after lecture
Fifty minutes without pause
He kicks around the BTU's
And concentrates on "Ah's".
He wanders from Carnot to Rankine
Like a canine chasing fleas
But he's happiest with an adiabatic
Where enthalpies chase the entropies.

This patriarch of Engineering
Stands supreme at the helm.
It takes a student years
To break into his realm.
His hobby is in Montreal
What he wouldn't give to boss it
In the meantime he just sits around
And fiddles with a faucet.

"Gentlemen! the purpose of this lecture
Is to prove the earth is round
By looking at Polaris
Through a transit on the ground.
If we calculate right ascension
And consider ABC,
We can figure on some suction
Between the patriarch and me."

The time for lecture has arrived
As we hear the nasal twang.
We take another look
"Now it says here in the book
If you're connected with design
And errors are your god
A lot depends on counter flexure
And don't forget the daid load."

After years of careful waiting
Watching every move and turn
I have found it quite impossible
To do anything but learn
In the presence of this gentlemen
Who never seems to err
Regardless of how badly
We must get in his hair.

As we near the end of study
And regard again the years
There's not a man who won't admit
They're damn fine Engineers.
—Prestressed

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Anyone Interested

There are many people on this campus who don't recognize a good opportunity when they see it. A fine example of this is the limited amount of interest in the UNB Radio Club. A good guess is that about fifty percent of those students interested in electronics have no idea of the facilities provided by this organization. If you are one of these people, take a moment and finish reading this article. If not, better try the sports pages.

The Radio Club provides opportunity for practical work in any phase of electronics. The limit of activities is set, not by lack of funds and certainly not through lack of co-operation on the part of the Electrical Department, but entirely by lack of student interest. This is an attempt to outline what facilities, and to give some idea of possible expansion.

Lets start with amateur radio. We have a station, VE1RK, located in club room in the Electrical Building. The transmitter was constructed by members of the club and with it, members have been able to contact most parts of North America and Europe. The receiver is a good communications receiver—a Hammarlund HQ128X. There is also a frequency meter, wavemeter, code oscillator, etc. The only trouble is a scarcity of operators. At present there are five licensed operators in the club and two are expecting to graduate this year. For those who are interested in getting a transmitting license, regular code-practice periods could be arranged. There could well be a series of lectures on radio, theory, elementary or otherwise, if there was sufficient demand. As it is, the club room is open to members at all times during the day, and can be open occasionally in the evenings.

For anyone who likes to tinker with electronic circuits, or to do any construction work on radio apparatus, there is a fair amount of space in the club-room, and a small number of hand tools. We have a large library of past issues of CQ, QST, etc., and current subscriptions to Skywire and CQ.

The club holds meetings about twice a month with a program of films, a demonstration or lecture being the usual events. At the past three meetings, members have had talks and demonstrations on the Cathode Ray Oscilloscope, Teletype and Tape-Recorders. The subjects of these meetings and their frequency is, of course, decided by the club members, and any suggestions for programs are welcomed.

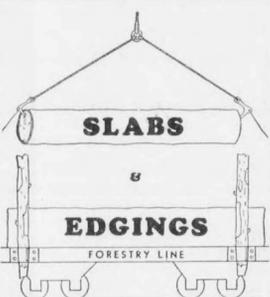
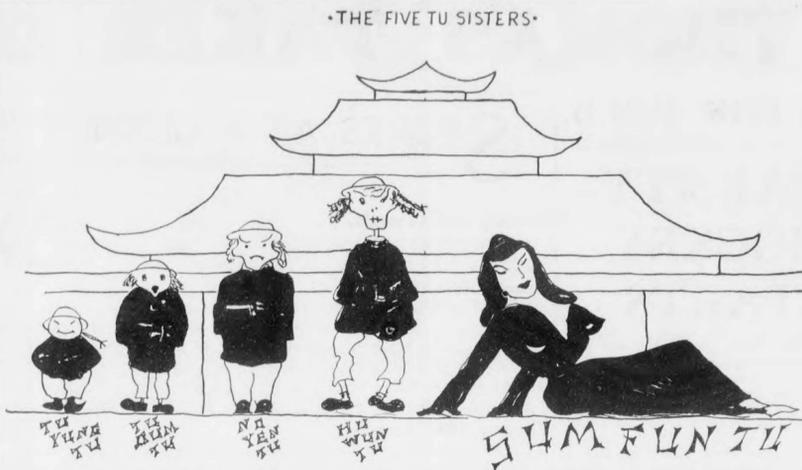
So think about it a bit—you might realize that you are interested in this club after all . . . Could be.

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EDITOR'S NOTE: This column is included in the Engineering Brunswick only as a result of the Engineer's broad minded attitude to such things. It is hoped that none of our readers will be led astray by the babble given below.

As a public service we would like to announce that the past week has been ENGINEERING week. It just sort of sneaked by again and we'd hate for nobody to notice it. Nothing much happens during this week but the main idea is just to make the rest of the campus aware that there are engineers up the hill. By simple deduction, when people hear that this is engineering week they naturally assume that there must be engineers on the campus and that's that for another year. To one and all we wish you a very happy Engineering Week.

It is rumored that the Forestry Association sponsored petition to have sales tax removed on text books has gone through. The petition was approved by the SRC last term and sent on to other New Brunswick universities for their approval. These were all forwarded to the Provincial government for action. If these reports are right, then students can look forward to sales tax free texts next year.

Artsman: If you want to smoke, there's an ashtray right behind you.
Engineer: Oh, thanks. I'll take this big butt on the edge.

UNB now has two national historic sites—the sight of the Hammerfest and the Arts Building. The addition to the Arts Building was announced last week. A plaque is to be placed in the hall of the building with an appropriate inscription. It seems that many of Canada's National Historic sites are collections of stones with some form of symmetry and marked with a plaque. Seriously, the durability of the 125 year old structure is rather indicative of the lasting value of the part it has played in educating students over the years.

From a newspaper editorial page, we gleaned the following:— "A major problem facing research projects in the pulp and paper industry is the lack of graduate students. That was the consensus reached his week at a discussion during the annual meeting of the technical section of the C.P.P.A. . . ."

But one difficulty encountered was the trend being followed by industry in luring graduates into well-paying jobs at \$300 to \$350 a month while scholarships and bursaries offer as little as \$1000 to \$1200 a year. Judging from the notice board on the second floor of the forestry building industry is not doing much luring this year. Haven't noticed any bursaries for forestry research either.

We would like to extend our sympathy to a senior forester. He claims he sneezed violently last week and sprained his back. He's been flat on it since. What a riding he's been taking!

The click of the bones, the whirl of the wheel and the snap of the pasteboards will be heard again tomorrow night at the gym as the foresters stage their annual Monte Carlo night. This event, besides being highly amusing and entertaining, gives you the low-down on those slick-fingered individuals who you can avoid playing a "friendly game of poker" with.

DOWN WENT MAGINTY

"I'll take a million shares, Alf said, of—", but that's getting ahead of my story. The U.I.S. had managed to make 36 dollars in a three day transaction so it started to reason the members were keen to get their profits back on the market; all they needed were stocks to invest in. Alf jumped up.

"Now," he said, "I've been following a certain stock that seems to have a good range and—" he drew a graph on his side, with the highs getting higher and the lows getting lower for each consecutive year. The topper was that it was at its yearly low and beginning to climb slowly.

"Yes, yes, very good, Alf. It looks like a very good buy", said B.S., in his most businesslike manner. "What do you other chaps think?"

"Oh yes," they cried in unison. They ordered 1500 shares, at 7c per.

"Did our 1500 shares of Kootney Belle come through yet?" Alf asked when he got to the brokerage office. "Sorry," they said, "but the company has dissolved and we couldn't get them for you. Their value went to zero—nothing."

"I'll take a million shares," Alf said, "of Kootney Belle at nothing." Maginty wasn't as lucky as the U.I.S. He fell but we only tottered.

There was a young man from Quebec Who sat in snow up to his neck,
When asked, "Are you friz?"
He said, "Yes, I is,
But we don't call this cold in Quebec."

FIELD AND OFFISH FABLES

One day last summer, I was seized by that diabolical urge to go fishing. Since one must satisfy his natural urges where socially possible, or suffer frustration, I strapped my trusty slide-rule to my side, grabbed my rod, tied a leash to Cutburt, my faithful measuring worm, kissed my transit a fond farewell and headed for a stream where fish might be had.

After extensive stream gauging and water velocity tests, I located a lovely spot—a veritable fisherman's paradise where the water flowed clear, deep and rippleless over dirty brown sand. In the water, the trout could be seen playing at their little games such as Black Jack, button, button, who's got he button, shiny and baseball. Dizzy Trout was pitching his finest game of the season. I paused a moment to rest and prepare my tackle. I need not have bothered for the play was around right end and failed to reach the secondary.

After trying a plumb line to my rod, and selecting from my wallet a 4"x4" angle for attachment to the line, I cast around for bait. However, so out of practice was I that my casts were extremely inaccurate, and at last I was forced to secure a young python from a nearby Sikh colony. Then, I dropped my line into the water and waited.

I awoke with a sinking feeling. Indeed, I was sinking rapidly into the water. As I was about to go under, so it seemed, I succeeded in seizing a tree which grew conveniently by the water's edge. Now, great numbers of trout were pulling at my feet and the tree continued to bend until finally I was clinging tenaciously to its very top. But resolutely, I refused to play hide-and-go-seek with them. I have detested the game since infancy. Finally, angered by their frequent illegal use of fins, and obvious offside infractions, I gave a last Herculean twist. At the same instant, the fish released their respective vice like grips and I flew homeward through the air at a speed proportional to the resonant frequency of the tree.

I saw many interesting sights on that last mad flight. I passed through Rangoon at 4:31 a.m., A.S.T., nearly colliding with the Ocean Limited in the station, and arrived in Fredercton at 12:30 p.m. in spite of a heavy gale encountered at N50° 60' 13"W. After a hurried snack of filet mignon and toasted armadillos au gratin, I returned to my home and crawled wearily into my sack. I was asleep before you could say, "Engineers are relatively broad-minded fellows who deserve greater financial remuneration and social prestige for their valuable work."

There once was a girl named Carmen Cohen. Her mother always called her "Carmen", but her father, for some reason only he knew, always called her by her last name. He called her "Cohen".

It got so that by the time she was twelve years old she didn't know whether she was Carmen or Cohen.

GRADS OF 1953

The Year Book Editors are very anxious to have all photos for the 1953 Year Book ready for the engravers by January 20th, 1953 in order to get the book printed and delivered before Encaenia.

We have gowns, hoods, bow ties, etc. for the boys and can photograph at least six or eight graduates daily.

We shall co-operate in every way possible with the Year Book Staff.

THE HARVEY STUDIO

Dial 6461 for appointments.

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UDIO

S.R.C. MEETING

Several items of importance were dealt with at Thursday's SRC meeting. A student accident insurance scheme was adopted in principle leaving further investigation to the SRC executive.

The campus-coordinator and the chairman of the social committee were asked to draw up a list of recommendations governing the duties of their respective offices.

The applications of Norman Jeffries as Badminton Manager and Neill Oakley as Brunswickan Editor were accepted.

The constitution committee is in the process of revising the AAA constitution to permit the AAA to control athletic budgets with a percentage of the SRC's revenue going to the AAA each year. The report of the constitution committee, as presented at the meeting, has been on the bulletin board during the past week. It contains the necessary constitutional amendments.

Finally, the SRC unanimously endorsed the S. A. C.'s Flood Relief Campaign.

ACKNOWLEDGEMENT

The editor and staff of the Engineering Brunswickan wish to express their thanks to Betty Lou Vincent and the regular Brunswickan staff whose advice and assistance was invaluable in the production of this issue.

RADIO CLUB RECORDED

The UNB Radio Club held their first meeting of the term on Monday, Jan. 26th in the electrical Building. President, Bob Kavanagh, announced that the club had obtained a new notice board which had been erected in the club room. He also announced that a new tube manual and a pair of pliers had been purchased by the club.

The main business of the evening was an interesting talk by Don Weeks, studio engineer at CFNB, on the subject of tape-recordings. Mr. Weeks described the history of tape-recording, the theory of tape-recorders and some of their many applications. He demonstrated a tape-recorder used by CFNB in transcribing programs. Each member had an opportunity to record his own voice, and most were heard to exclaim "That's not my voice!" when the recording was played back.

Established 1889

Fleming's

OF COURSE

HATTERS
and
HABERDASHERS



The last of the Foresters

CAMPUS CO-ORDINATOR'S CORNER

In this weeks Brunswickan we have reprinted a copy of the "Regulations concerning University dances". Will club presidents please note.

If clubs and societies will inform me of forthcoming election dates, I will put them in this column.

Special Events

- Friday, Feb. 13—Engineers' Lecture, 5 p.m., Civil Building
- Friday, Feb. 13—Forestry Monte Carlo, Gym
- March 11-12—Red and Black Revue

Notices of Meeting

- Thursday
 - S. R. C.
 - Business Administration
 - Air Force
- Saturday
 - S. C. M. Social
- Sunday
 - S. C. M.
 - U. Y.
 - Newman Club
 - Musical
 - Canterbury Club
- Monday
 - Male Chorus
 - Geological Assn. (Alt.)
 - C O T C 2nd Year
 - Forestry Assn. (Alt.)
- Tuesday
 - Chemistry Institute of Canada
 - Chemistry Colloquia
 - C O T C 3rd Year
 - Philosophy Club
 - U. N. T. D.
 - Air Force
- Wednesday
 - Pre Med Society
 - University Investment Syndicate
 - Biology Club

DATES FOR ENGINEERS

- Friday, February 13 — Mr. Lloyd MacKeen, Structural Engineer with the Dominion Structural Steel Co., Montreal, will speak in the Civil Engineering Building at 5:00 p.m. on "Some Modern Developments of Structural Steel Buildings."
- Saturday, February 14th — Engineers' Wassail in Castle Hall at 6:30 p.m. Tickets are \$2.00 each and are on sale at the Engineering Stores and from members of the Engineering Society.
- Tuesday, February 24th — Second lecture of Professional Development Program. Mr. Ryan Crosby, Personnel Manager, Canadian Cottons Ltd., Marysville Mill, will talk on "Labour Relations from Managements' View-Point". The lecture will be held at 8:00 p.m. in the Civil Building.

UNIVERSITY DANCE REGULATIONS

Club presidents are asked to note the following regulations concerning University dances:

General Regulations Governing Dances

1. Not more than one university dance to be held per week.
2. Dances to be properly chaperoned.
3. Not more than one dance per year to be held by any student club, society, organization, class, etc.
4. Admission to dances (except those sponsored by SRC) to be by the fee charged, plus SRC Pass (for one of a couple).
5. Admission to SRC-sponsored dances (Fall Formal, Con, Encaenia) to be by SRC Pass. Alumni may attend these dances on payment of a fee set by SRC.
6. Dates for dances to be requested by the Club, etc., through SRC Student Social Committee and approved by Faculty Social Committee which represents the President of the University.
7. Dances to be held on Friday or Saturday nights only.
8. Closing hour to be 12:30 on Friday (except Fall Formal, Con, and Encaenia).
9. Advertising for dances to be restricted to the campus. The local newspaper and radio station should not be utilized for advertising. Advertising should not be displayed until permission to hold the dance has been received from the Student Social Committee.

Special Regulations Governing Dances Held at the Lord Beaverbrook Hotel

1. Items 2, 4, 6, 7, 8, and 9 of the general regulations to apply.
2. Dances in the Lord Beaverbrook Hotel to be held no more often than one every two weeks.
3. Campus police must be present at the door and in the hallway in adequate numbers.
4. All hotel regulations to be strictly observed.

'How Foresters Rate The Exalted Title of ENGINEERS' or 'We're Not To Blame For Their Name'

This happened many years ago. When UNB was new. The campus was both broad and long And many huge trees grew. The learned Senate was distressed To see so many a tree. To rid the campus of this mess? A course in Forestry! The first to come (from a city large) Was one called Willie Pine. After the noise of urban life, He thought the bush just fine! Then, as now, stood on the Hill The buildings we hold dear. Those two brick buildings on the right The homes of the Engineers. Each day as Willie sunk his axe In some great balsam fir, He would heave a sigh and then would cry, "I wish I were an Engineer!" At night he dreamed of the instruments gleam, Of the T-square and drafting board. But when morning came it was all in vain, And his axe cut another cord! At last he cut his hundred cords, And Encaenia was next in line. All were happy and gay at the thought. But not our Willie Pine. He said one day in the month of May, As graduation day drew nigh, "If I don't grade as an Engineer Then surely I shall die!" The night before the big day came He was truly a terrible sight Just then some residents walked by From those buildings on the right. "The boy is dying", these kind sirs said, As they saw poor Willie's fear. "To save his life we'll sacrifice, Call him a 'Forestry Engineer'." The next day Willie achieved his goal, And it pleased the world to hear, That the boy who was saved from an early grave, Was now called an Engineer. Down through the years the name remained And it makes me cry in my beer, To think that those Axe-men who still climb the Hill Call themselves Engineers. But its not their knowledge that makes them rate The word that is so sublime. It was through the mistake of their first graduate That ambitious Willie Pine!

—Modulus McStrain

FOUNDERS DAY

In 1785 three more Universities were added to the thirteen already founded in North America. One of those to be added was the University of New Brunswick. From its modest beginning it has developed into an educational center which has continually adapted its course to suit the needs of the advancing society it serves. To remind us of these great accomplishments and influences we set aside one day each year as Founders' Day. On this occasion we review our past, assess the present and pledge our future worth to society.

On Monday, February 16th, the Founders' Day Ceremony will be held in the Memorial Hall at three o'clock. Lectures and laboratories are cancelled in order that the faculty and students may hear Dr. N. A. M. MacKenzie, President of the University of British Columbia, deliver the Founders' Day address.

Immediately following the Founders' Day celebration in Memorial Hall, Dr. Truman will preside at the unveiling of a plaque commemorating the Arts Building as the oldest university building still in existence in Canada. This will be unveiled by Dr. C. McN. Steeves of the University Senate.

ATHLONE COMMITTEE MEETS

The selection committee for Athlone Fellowships, given by the United Kingdom government to Canadian engineering graduates, met on Feb. 4th at UNB to select a winner for 1953 from among recent graduates of the provincial university.

Present were Dr. W. Abbott, U.K. inspector of engineering, and J. Thomson, deputy high commissioner for the U.K. in Canada.

Athlone fellows are enabled to study for one year at the Imperial College of Science, University of London, and spend a second year observing engineering techniques in British industry. Last year's winner from UNB was Colin Dincenzo.

UNB's representatives on the selection committee are Dr. E. O. Turner, dean of engineering; E. E. Wheatly, professor of mechanical engineering; and J. O. Dineen, professor of electrical engineering.

A GIFT OF \$1250

A handsome gift of \$1250 has been made to the Associated Alumni by Brydone D. Millidge. The purpose of the gift is to increase the annual yield of the William Brydone-Jack Memorial Scholarship fund to \$100.

Brydone Millidge originally was a member of the class of 1917. He interrupted his course to enlist and while serving with the Canadian Expeditionary force was awarded the Military Cross. He graduated in Forestry in 1919 and had a master's degree conferred upon him by UNB in 1921. Since his student days, alumnus Millidge has had a very successful professional and business career. At the present time he is general manager of Bonar and Bemis with headquarters in Montreal.

Brydone Millidge is a grandson of Dr. William Brydone-Jack who was president of the University of New Brunswick from 1860 to 1885. The scholarship in memory of his grandfather is awarded each year to the leader of the fifth year electrical engineers.

NOTICE

A Sophomore Class Meeting will be held at 3:30 Monday, Feb. 16th, in Room 106, Forestry Building.

Agenda: Coming Class Social.

Pre-Medicos Meet

The newly reorganized Pre-Medical Society gathered last week to hear Dr. MacIntosh give an interesting discussion on Lung Surgery. The speaker, who has recently joined the staff of the Victoria Public Hospital in Fredericton, was introduced by Donald Macaulay. After his lecture the speaker answered the members questions on the subject discussed and also on various aspects of the medical student's study.

John Steeves of Hillsboro, N.B. is the society's president with Donald Macaulay of St. John as Vice President. Marg Vermeeren was elected Secretary-Treasurer.

Among the activities planned by the members of the society is a trip to St. John to visit the Hospitals there.

YEAR BOOK NOTICE

Any students having pictures of campus activities or at least pertaining to college life and who would like to contribute to the Hodge Podge pages of your Year Book, are asked to leave in the mail box which has been placed in the SRC-Brunswick office entrance. The students of Forestry have had sufficient interest to collect two or three pages of their activities and it is suggested that the other faculties do the same. Either negatives or prints are acceptable. Deadline: March 15.

G. J. Henderson, Photo Editor,
1953 Year Book.



PUZZLE: WHICH IS THE FORESTER?

ENGINEERS

NATIONAL RESEARCH COUNCIL
CANADA

REQUIRES

HONOUR GRADUATES AND POSTGRADUATES IN

ARCHITECTURE ELECTRICAL ENGINEERING
CHEMICAL ENGINEERING ENGINEERING PHYSICS
CIVIL ENGINEERING MECHANICAL ENGINEERING
RADIO PHYSICS AND ELECTRONICS

for work in the laboratories of the
RESEARCH DIVISIONS at OTTAWA

The standard starting rates for 1953 graduates will be: Bachelors, \$3400 per annum; Masters, \$3700; Ph.D.'s, \$4300. Higher starting rates may be paid for pertinent experience. Junior engineering staff may receive semi-annual merit increases amounting to \$300 per annum until a salary of \$4300 is reached.

Information on the openings in the fields listed and National Research Council application forms are available in the Registrar's Office.

PAY ON THE RED - \$\$\$

Yes, here it is, a chance to . . .
\$ Put your system to the test
\$ Win your tuition on the cut of a card
\$ Make a fortune on the turn of a wheel
\$ Break the bank of Monte Carlo

at the
Forestry Association's 2nd Annual MONTE CARLO NIGHT
Friday, Feb. 13th, 9.30 p.m., Lady Beaverbrook Gym
Boxing Room
\$\$\$ A GAMBLER'S PARADISE \$\$\$



FIGNEWTON FORCEPS IV (Medicine '56)

says: "In a successful reconstruction, no parts should be left over at the end."

But to be a financial success, you should always have something left over in your savings account



BANK OF MONTREAL
Canada's First Bank



MILD
BURLEY
TOBACCO

at its
best...