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# ENGINEERING BRUNSWICKAN

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#### **Engineering Dance Highlight of Week**

The eighth annual Engineering Ball was held in the Lord Beaverbrook Hotel last Friday night, officially opening En-gineering Week. Sponsored by the University of New Bruns-wick Engineering Society in conjunction with the local branch of the Engineering Institute of Canada, the Ball proved to be the most successful yet with over 120 couples in attendance.

The highlight of the evening was the crowning of Janet McNair as our Engineering Queen of 1956. She was crowned just before intermission by last year's Engineering Queen, Margaret MacLaren. Her crown was composed of white mums and pink roses. Janet, a first year Arts student, then led the engineers in the singing of the Engineers Song.

Lloyd Crawford's orchestra was at their best and kept the dancers extremely active. Refreshments for the too-tired were ob-Price 5 cents per copy tainable from the efficient cork poppers in the mezzanine, who did a land office business.

Three novelty dances provided much interest and lovely prizes. Spot dances were won by Mr. and Mrs. Lorne Berggren, Marorie Millican and Ted Corbiere, while an elimination dance was won by Peggy Jones and Ron Pearsall.

Among those present were Dr. and Mrs. E. O. Turner and a large number of the engineering racuity and local engineers.

Much of the credit for the success of the dance must go to the Chairman of the dance committee, Bill Ower, a fitth-year Mechanical. Bill stated just before the dance, "We have had a lot of fun getting ready for what I think will be the best formal yet". We must also commend our master of ceremonies, Jim Brooks, who handled all events very capably.

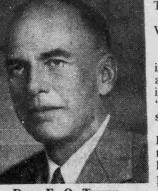
Everyone commented on the three lighted engineering crests which provided the needed atmosphere on the dance floor. Apparently, the civil engineering crest has been borrowed by some over-eager student. The dance committee would appreciate it, if the crest was returned to them as soon as possible.

By the time you Engineering Week for 1956 will be practically over. The tradi-Janet McNair was crowned "ENGINEERING QUEEN" at Engineers and the Foresters will

This year finds us all busier than ever with four hundred and thirty prospective Engineers on the campus. Fortunately, we can look forward to more space in the near future, with the proposed connecting building between the two Engineering buildings almost ready to leave the draughting board. It is expected that tenders can be called at the end of next month. Certainly the members of the three lower classes can look forward to the day when it will not be necessary to don overcoats and overshoes to

travel between the three departments of Engineering.

Engineering staff are embar- perity of their country. rassed, when some of our good to enlist the services of any of



Dean E. O. Turner

In industry, the Engineering undergraduates in Engineering, graduate is still the most critical and they can have the pleasure item in the economy. It has and satisfaction that their's is a come to a point where we, on the role most vital to the future pros-Your Dean wishes you health friends of the past, are unable and prosperity in your work. E. O. Turner,

Looks To Future "Godiva was a lady who to Coventry did ride, Showing all the villagers her

lovely bare white hide; The most observant man on earth, an engineer, of course, Was the only one to notice that

Godiva rode a horse." This is but one version used in the engineers' song yet many an engineer is vague as to its origination. Many have asked, "Who's Godiva", and "What did she do?'

Lady Godiva really did exist. During the ninth century, the townspeople of Coventry were heavily burdened by taxes imposed by Leofric, the Earl of Mercia, the husband of Lady Godiva. With pity in her heart, Lady Godiva pleaded with her husband for mercy. The Earl then bargained with her that if she would ride naked through the market at noon, mounted on a white horse, that he would relieve the people of Coventry of their heavy taxes. Lady Godiva



graduates. This picture Dean of En should be most reassuring to all University of New Brunswick

#### ENGINEERING AT UNB HAS A LONG HISTORY

The first lecture in engineering at the University of New Brunswick was given on February 15, 1854. Before further discussing engineering, at the University of New Brunswick, let us stop for a moment and see where our profession established its early roots.

In 1750, France alone had a recognized professor of engineers and a school for their recruitment and training. It the name of "Peeping Tom". was not until 1800 that the profession first emerged in Eng-

men, Dr. William Brydone-Jack, a professor of mathematics, natural history and astronomy, and Sir Ermund Head, Governor of New Brunswick, Dr. A. F. Baird wrote: "I regard these two men as having laid the foundations of our academical engineering structure of today

Justice of the province, also Chancellor of the College, stating reorganized and the \$17 memthe need of training in Civil Engineering. The council of the bership fee has been abolished. College took immediate action and on April 2, 1853 authori- The constitution has been comzation was given to appropriate funds for lectures in Civil pletely revised and plans for a better club are well underway.

giving lectures in surveying and astronomy, he being very the club will be held on Monday, interested in the Observatory which was built in 1851. In- February 6, and will be offering struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were a sextant and a contract of the struments that were used at this time were as sextant and a contract of the struments that were used at this time were as sextant and a contract of the struments that were used at this time were a sextant and a a free investment course to all its theodolite which may still be seen in the archives of the Uni- members. The course entitled, "How to Invest Your Money" versity Library.

Following authorization of the lectures in Civil Engineering is one given by the Extension Dean advertisement appeared in the press concerning this new course. partment of the University of It was to include among other things, lectures in logarithms, sines, Toronto. It will last a total of tangents, etc., trigonometrical formulae, resolution of plane tri- ten weeks, covering various inangles, methods of surveying and railway curves. The first lec- vestment topics. ture was given to twenty-six students by Mr. McMahon Cregan Ali U.N.B. students are wel-on February 15, 1854. The course was divided into two parts come to attend these meetings. Ali U.N.B. students are welwith Dr. Brydone-Jack giving them a mathematics background in For further information consult the fall and Mr. Cregan teaching his course during the winter the various notice boards months.

The first recorded certificate of graduation in the engineering course was given on June 5, 1862 to Henry George Clopper Ketchum. There may have been others between 1854 and 1862 but

no official record may be found confirming this. During this time McGill University was also establishing its engineering course. From the records available it must be stated that although instruction in engineering was first started at the University of New Brunswick the first certificate of graduation in engineering was conferred to Mr. Godding of McGill in 1858. In conclusion it may be quite safely said that the University of New

(Continued On Page Six)

accepted his proposition and rode through the town clothed only in her long hair.

Another version to the story is that Lady Godiva told the townfolk of her agreement and asked the Engineer's Eighth Annual Ball which was held at the Lord have taken place and we trust that they stay behind closed Beaverbrook Hotel, Friday evening. Janet was crowned by last that the Engineers will have won doors and have their windows year's Engineering Queen Margaret MacLaren and was presented is as they have done continually sealed as she rode through town. with a gift from the Engineering Society. She then led the En- in the past.

A tailor, called Tom, who un- gineers in their traditional song. Eighteen-year-old Janet, Fredericton's gift to the University that has been contemplated for able to control his impulses. peeped beneath a curtain to see of New Brunswick, is a lovely 5' 3", blue-eyed freshette. She re- this coming Saturday, in the place the naked Lady and was sud- ceived her pre-varsity schooling at Fredericton High where she of our Annual Wassail, has been denly struck blind. He was given was very active in school activities. Janet's likes are many, her cancelled.

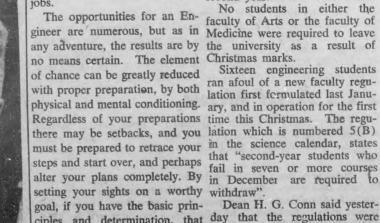
dislikes few. Being a very active girl she enjoys all sports, particu-Lady Godiva died in the year larly swimming and skating which seems to hold a special spot

land. By 1850, France was still leading the world as a centre of engineering. Germany, at this time was making great ad-vances in the engineering field, while Great Britain and the United States were still struggling to their feet. In New Brunswick two men played a great part in establishing engineering instruction at the University of New Brunswick or King's College as it was known until 1859. Regarding these two men, Dr. William Brydone-Jack, a professor of mathematics natural The engineers feel they have made a wise choice in picking Sophomores Cut

Letter from George Keith; dents have been required to withdraw from the second year **Engineering Society Pres.** New Course

day". The University Investment In 1852 Sir Edmund Head wrote a letter to the Chief Syndicate has been completely In 1852 Sir Edmund Head wrote a letter to the Chief Syndicate has been completely In 2017 memory in the S17 memory is solved to be one of the leading professions in week, and received yesterday by the world today and the demand for the graduating Engineer has most of the persons concerned, never been so great as it is at the present time. You should not advising each student that his be lulled into a false sense of security due to this great demand. progress had been deemed un-Only a limited number will reach the top of the ladder.

Employers are looking for interested in your marks and students who have an "all class standing, student club ac-diverse and tivities and summer employment last Friday rendered judgment



goal is yours. George A. Keith, of Engineering, which stresses Mathematics and Physics. When

George A. Keith, President, Engineering Society leave.

From last report, the banquet

### Eighteen Science

(Queen's Journal) In the wake of a devastating set of Christmas examinations, 18 students have been required to of the faculty of Applied Science. Letters from the office of the Dean were sent out earlier this satisfactory and that he would

The opportunities for an En- faculty of Arts or the faculty of No students in either the gineer are numerous, but as in Medicine were required to leave any adventure, the results are by the university as a result of

with proper preparation, by both lation first formulated last Januphysical and mental conditioning. ary, and in operation for the first Regardless of your preparations time this Christmas. The reguthere may be setbacks, and you lation which is numbered 5(B) must be prepared to retrace your in the science calendar, states steps and start over, and perhaps fail in seven or more courses alter your plans completely. By in December are required to

ciples and determination, that day that the regulations were nothing new, and that they were merely being enforced. Last Christmas, he said, two secondyear repeaters were required to

Thanks! The staff of the Engineering

Brunswickan would like to thank all those who have assisted in publishing this issue and in particular would like to thank Fred Drummie for his help.



you graduate, employers will be