

DRAYER TALKS TO ENGINEERS

Tells of Practical Side of Engineering and Stresses Advantages of College Education.

C. E. Drayer, national secretary of the American association of engineers spoke at a special engineers' convocation yesterday in the social science auditorium. Mr. Drayer is on a trip of inspection of all the various chapters of the American association of engineers ad is now on his way back to the national headquarters at Chicago from the Pacific coast.

Dean Ferguson of the engineering college introduced the speaker.

Mr. Drayer spoke of how he seemed united with the University of Nebraska in so much that he formerly was with the Union Pacific in Omaha and there worked with many Nebraska men, mentioning especially "Cy" Mason who is now professor in the civil engineering department.

The engineer of today is not restricted to the purely professional engineering field but there is a much broader field which includes many of our problems. He asked why the engineering student was taking the engineering course and stated that many answers would probably be received to this question. He hoped that it was not that the student wished only that it gave him the opportunity to wear high boots, khaki trousers, flannel shirt and Stetson hat and in those regalia have his picture taken so that he might win the admiration of some friend.

The engineering student should be pursuing his course so that he might be able to get the fullest measure out of life and also to learn a "secret" livelihood.

In his position Mr. Drayer has had a better opportunity to observe more young graduates and also older engineers than comes to most men and knows many of the qualifications for success and proper rewards.

Is Public Service.

The end of any profession should be devotion to public service and this can best be attained by training in college for executive and administrative ability. A broad and cultural education is required for these ends and English may be considered one of the best tools of any student. The whole world is the graduates' market in which to sell his wares and they can be sold to the best advantage by the proper use of English. Too many of our engineering graduates come out of college filled with so much technical knowledge and not enough of the broader educational courses that they can not make the proper use of their trophy. Men of vision must have that broader education and these will succeed the best.

Present enrollment in the various engineering and technical colleges of the country is between sixty and seventy thousand and the engineering graduates practicing their profession is only three hundred thousand so we see that the new crop is disproportionately large. The practice of purely professional engineering is of possible to such a large number but there are many fields in which an engineering education peculiarly fits a person. Many bankers, merchants, and others are more and more coming to appreciate the advantages of hiring men who have had the technical engineering education and even are giving their sons such an education when they expect them to follow in their footsteps.

The use of the engineer in the railway service is no longer limited to location and maintenance but has extended to management in both passenger and freight service.

Six Year Courses.

The student should strive for the broader education & to this end many colleges are making their engineering courses cover a period of six years. The extra courses which are especially helpful are economics, industrial relations, philosophy, public speaking and business law. Some of these may be pursued after the regular college course but they are all beneficial. Active participation in college activities provides a very good education and tends to make the engineer a leader among his profession and in the community in which he resides. The attorney has long held a peculiar position in this respect but the public is now coming to look more and more to the engineer for leadership and the engineer must be ready to meet this demand. The college is the best place to begin this and though it is hardly possible to complete the engineering courses as now given in four years if one goes out for many activities we should all attempt to take our part in some.

The A. A. E. has long acted as sponsor for many of these activities and has considered that the history of engineering has too long dealt with the engineering of materials and not sufficiently with the engineering of men.

The A. A. E. stands for the best engineering interests and tends to help the engineer as the chamber of commerce helps the business men.

The turnover in the engineering profession is comparatively large and thus the matter of employment is important. This with its allied problem, that of compensation, have received much attention from the organization and steps have been taken for proper studying of the problem and it has in part been remedied but there is yet much work to be done.

Mr. Drayer concluded by reading the following poem:

"THE ENGINEERS."

If you can swing an axe, or wield a brush-hook,
Or drive a stake, or drag a chain all day,
If you can scribble "figgers" in a note-book,
Or shoot a range pole half a mile away,
If you can sight a transit or a level,
Or move a target up or down a rod,
If you fear neither man nor devil,
And know yourself and trust the living God,
If you can wade a swamp or swim a river,
Nor fear the deeps nor yet the dizzy heights,
If you can stand the cold without a shiver,
And take Higgins' ink in bed at nights,
If you can turn a thumb screw with your fingers,
When every digit's like a frozen thumb,
If you can work as long as daylight lingers,
And not complain nor think you're going some,
If you can sight thru tropic heat's refraction,
Or toil all day beneath a blistering sun,
If you can find a sort of satisfaction
In knowing that you've got a job well done,
If you can be an Eskimo or nigger -
And try to be a gentleman to boot,
If you can use a "guessing stick" to "figger,"
And know a coefficient from a root,
If your valculus and "descript" are forgotten,
And your algebra just serves you fairly well,
If your drafting and your lettering are rotten,
And your Trautwine's always handy by to tell,
If you can close a traverse without fudging,
Or check a line of levels by a foot,
If you can set a slope stake just by "judgin'."
And never kick a tripod with your boot,
If you can run a line where you are told,
And make it stay somewhere on the map,
If you can read your notes when they are cold,
And know that contours mustn't lap,
If you can line a truss or tap a rivet,
And make a surly foreman come across,
If you can take an order as well as give it,
And not have secret pity for the boss,
If you can climb a stool and not feel lowly,
And have your head turned by a swivel chair,
If you can reach your judgments slowly,
And make your rulings always just and fair,
If you can give yourself and all that's in you,
And make the others give their own best, too,
If you can handle men of brawn and sinew,
And like the men and make them like you, too,
If you can boast a college education,
Or, if you've got a sheepskin, can forget,
If you get a living wage for a compensation,
And give a little more than what you get,
If you can meet with triumph and disaster,
And treat them without favor, nor with fear,
You'll be a man—and your own master,
But—what is more—you'll be an ENGINEER.

—Robert Isham Randolph.

NEWS OF THE DAY

Ex-Ruler's Coup Failed.
BUDAPEST, Oct. 25.—Former Emperor Charles, whose attempt to re-establish himself upon the Magyar throne met with dismal failure yesterday, attempted to commit suicide by shooting, following his arrest near Komorn. Former Empress Zita saw him preparing to shoot himself and prevented him from carrying out his intention.

The former emperor and empress are now prisoners in the Esterhazy castle at Tatatorvaros, and Thomas Beaumont-Holler, British high commissioner in Hungary, is hurrying there, with the representatives of other nations to insure the safety of the prisoners.

Harding Goes On Trip.
WASHINGTON, Oct. 25.—President Harding left Washington at 9 o'clock this morning on a special train for a four-day trip through the south, his first visit to that section since his inauguration.

Three addresses are to be made by the president during the trip, two at Birmingham, Ala., which city is celebrating the semi-centennial of its founding, and one at Atlanta. A stop will be made at Camp Benning, Ga., for inspection of the infantry school there.

Bandit Murderers a Postal Clerk.
SAN FRANCISCO, Oct. 26.—Frank B. Adams, mail clerk and guard, was shot and killed by a masked bandit who entered the Ferry postoffice early this morning and escaped with a sack of registered mail, according to the police.

The value of the loot has not yet been determined.

Doors of Obert Bank Are Closed.
With the closing of the Obert State bank at Obert, Cedar county, which was taken in charge Tuesday by State Examiner T. L. Zulow, the number of state bank failures occurring since January 1, 1919, was increased to twenty-six.

Preparing Decree of Punishment.
CHICAGO, Oct. 26.—Babe Ruth, the home run king, will know in about two weeks his penalty for violating the rule against post-season barnstorming by world's series players, it was learned here today.

Judge Landis, baseball commissioner, is now preparing his decision it is said.

The judge said today he had seen nothing but newspaper reports of a proposed visit from Ruth to apologize for violating the rules.

Cut Trees on Capitol Grounds.
Work was commenced Wednesday

MYSTIC FISH ENTERTAIN FOR MEMBERS FRIDAY

Mystic Fish active members will entertain in honor of old members at a dance Friday evening, November 4, at the Delta Zeta house. All former members of Mystic Fish who are now in school are invited.

Special favor and feature dances have been planned for the evening by the committee in charge.

The committee for the dance is Hazel Pickett, chairman; Pauline Gellatly, and Erma Dalby.

Chinese Students In American Uni Have Greek Frat

Possibly the first time that the English language served as a medium between Chinese students and a Greek letter fraternity, occurred some time ago when a band of the former consulted the offices of Burt, Patterson & Co., manufacturing fraternity jewelers of Detroit, and asked that their club name, "Chinese Students Club", be duly translated into Greek and the letters, C. S. C. used on an official fraternity badge.

It was explained to the committee that such a title would have little meaning and that it was customary to use the initials of specific Greek words in forming a Greek name. How to translate "Chinese Student's Club" in Greek, however, was a problem not easily solved. The words "student" and "club" were easily changed to the Greek equivalents, but no, so the "Chinese."

Search was made in the public library for the Greek word for "Chinese" but without success. In desperation, Gus, the restaurant man down the street, was consulted but his modern Greek could not rise to the occasion and he admitted reluctantly that he knew no suitable equivalent for "Chinese" in his native tongue.

A final appeal was made to the language department of a Detroit college. The head of the Greek department was pressed into service and asked to help in finding the missing word for the new Greek letter fraternity. He declared at the outset that there apparently was no word for "Chinese" in new Greek letter fraternity. He declared apparently had no definite knowledge of China. However, it was found reference was made in their literature to "the people of the far East" and for this group, the professor could furnish a Greek name.

Of course, the word was immediately adopted and shortly after the American college world became acquainted with a new American Chinese Greek letter fraternity.

Florida Swept by Storm.
WASHINGTON, Oct. 26.—The tropical storm which has swept the Florida peninsula for the past thirty-six hours passed out into the Atlantic ocean last night between St. Augustine and Titusville, reports received early today by the weather bureau said.

Tampa is flooded.

JACKSONVILLE, Fla., Oct. 26.—The storm which apparently had passed into the Atlantic ocean today and sweeping across the Florida peninsula in a northeasterly direction. Wire communication south of here still was severed except down the rim of the east coast.

No loss of life has been reported today, but considerable damage appeared to have been done to the orange crop and the low lands were inundated.

Invite Foch and Pershing to Lincoln...
A check is being made by Lincoln interests to secure the visit of distinguished officials to Lincoln following the national convention of the American legion. Marshall Foch and General Pershing are invited to visit Lincoln at any hour or date that will be possible for them on their western trip, in telegram sent to Charles G. Dawes, at Washington.

U. S. Consul Stabbed.
WASHINGTON, Oct. 26.—Lloyd Buntingham, American consul at Saline Cruz, Mexico, was assaulted and stabbed by unidentified assailants in the consulate last Wednesday night according to advices today to the state department. The consul's injuries, the advices said were not believed to be of a serious nature, consisting only of two wounds in the left arm.

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American Legion dance every Saturday night at club rooms, 1548 O street. Members of any American legion post cordially invited. Admission 55c.

WANTED—THREE FRATERNITY
and three non-fraternity men for two weeks' specialty selling. Leave name with A. Star Best Branch.

LOST—UNITED STATES PHARMACOPOLIA and notebook. Finder return to Student Activities Office.

FOR RENT—TWO FRONT ROOMS, strictly modern. 1626 South street. Phone F-4199; excellent board same block.

RESUME SERVICE ON CAR LINES
The city council Des Moines recently passed the proposed street car franchise on third reading and street car service is to be resumed immediately. Motor buses will not be disturbed but probably will be re-routed.

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