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"Our Federal Union: it must be preserved."
Andrew Jackson.
Born March 15, 1767.

What's Ahead Of Us?

Undoubtedly there exists in the mind of every Armour student a question—tucked away in the corner, perhaps, but present nevertheless—as to just what the world will expect of him after graduation. He is constantly asking himself what this world of engineering is really like, this world about which we hear so many conflicting reports. He is wondering which of his numerous studies are most essential to his success in engineering or in some kindred field. His curiosity on this subject is quite logical and entirely pardonable and should be satisfied as completely as possible.

An address presented recently at Lehigh University by Bancroft Gherardi, vice-president and chief engineer of the American Telephone and Telegraph Company, may offer an answer to these questions. His statements bear weight since the vast number of college graduates employed by the Bell System makes him thoroughly conversant with the qualifications and shortcomings of such men.

According to Mr. Gherardi, there are four chief characteristics essential to any successful engineer. First, he must have the perception and imagination clearly to understand the problems he meets. Such understanding calls for intelligence and judgment.

Second, he must be able to study such problems in a systematic and efficient manner.

Third, he must have the ability to determine the appropriate action to be taken in the matter, a keen sense of justice being required for this; and fourth, he must know how to take that action at the right time and in the proper manner.

Mr. Gherardi advocates a general foundation in mathematics and physics and "materials which will enable him [the student] to solve the special problems that come before him by getting the facts—and then reasoning from them correctly." Teaching of facts beyond the fundamentals is not necessary, that time being spent more profitably in a thorough drill in the methods of attacking problems of various kinds.

In his address, Mr. Gherardi stressed the study of English and gave as his opinion that the ability to write clear convincing English was absolutely necessary to the successful engineer. He also said that the knowledge of at least one foreign language was quite important.

In closing he pointed out that accuracy and carefulness could not be overemphasized. "Many students," he said, "are of the opinion that arithmetical errors are not as important as errors of method or reasoning. However, an incorrect result is useless, no matter how the mistake was made." W. H. R.

"The Slipstick"

Cleave to "The Slipstick"; let
the Slipstick fly where it may.

THE GOOD OLD DAYS

Adam had his troubles,
No doubt, in days of yore;
But no one said, when he told a yarn,
"I've heard that one before."

THE BONGINEER SAYS THAT MANY A NOBODY WHO ISN'T KNOWN BY ANYBODY BECOMES A SOMEBODY AND IS KNOWN BY EVERYBODY, AND EVERYBODY TELLS HIM THEY KNEW HIM WHEN HE WAS A NOBODY AND THEY KNEW HE WOULD BE SOMEBODY, SOMEDAY.

HOW ABOUT A MICROSCOPE?

A dear old lady was told that the police were looking for a man with a monocle.
"But surely it would be better," she said, "if they were to use a telescope."

We hear much nowadays about the broadcasters trying to find a noiseless type of manuscript paper. Knowing as we do that it hasn't always the paper that makes the noise anymore than the railroad track makes noise when the loco goes by, we hasten to suggest the use of transparent ink on the new cellophane for some of the speeches we hear.

Dere Kolumbe:

I ain't no literatoor riter but then the Kolumbe ain't no swell thing so i gess i'll rite about these track guys dat go around in dere B.V.D.'s and throw iron baseballs and jump over sticks with stix and widout stix an run aroun till ther dizzy an c dubble. but what i want to no is watt gud do they get out of it?

—Aloysius.

During the war a recruiting officer in the country happened to see a young man milking a cow. The officer asked him angrily:

"Young man, why aren't you at the front?"
"Because the milk is not at that end."

Friday the 13th, next Friday, all day. We once heard something about such Fridays; something about them being someone's birthday—no, that wasn't it. anyway, next Friday, the 13th, denotes something or other.

What! The "Star Spangled Banner" to be the national anthem? That won't help. Wet we need is legislation to put people behind the bars for not knowing the third word in the second verse, 'ats wot we need.

Just the Type

We are told of the good mother who was disturbed over her son, who had been in Italy studying for three years.

"I'm so worried that he'll get so italicized he won't come home."

Senior: "What's the idea of turning your sox inside out, frosh?"

Frosh: "Well, you see my feet get so hot that I thought I'd turn the sox on them."

—A'Plotzen Zolsta.

Reformer: "The devil is at work in our colleges."
Professor: "Then he can't be a student."

—Sparks.

INDISPENSABLE

Professor: "What book has most influenced your life?"

Co-ed: "My father's check book."

LET THE EXPERTS TRY.

Professor: "If molecules can be split up into atoms, and atoms broken up into electrons, can electrons be further split up?"

Smart frosh: "Well, Professor, they might try mailing them to somebody in a package marked, 'Handle With Care.'"

—Dollar Bill.

Levy: "I say, Meyer, did I told you that I got married again, to a rich viddow?"

Meyer: "You dunt say. Vas she married more than vunce?"

Levy: "More than vunce, so you hesk? Hah! Veding bells is to her vot alarm clocks is to you."

—Asiff Ikahred.

Old lady: "If you really want work, Farmer Gray wants a right-hand man."

Hobo: "Jus' my luck, lady; I'm left-handed."

Only One Dollar Down

Installment Collector: "You're several installments behind on your piano."

Purchaser: "Well, the company advertises, 'Pay as You Play.'"

I. C.: "What's that got to do with it?"

P.: "I don't play very well yet."

A traveller was walking along a lonely road when he came across an old man. Addressing him, he asked how long it would take to get to the next village. But the man went on with his work, neither speaking nor looking up. The traveller went on his way.

He had not gone far when he heard a call:

"Hey, mister! Come Back!"

When the traveller returned, the old man said:

"It'll take you twenty minutes."

"Why didn't you tell me that when I asked you?"

"How did I know how fast you was goin' to walk?" replied the old man.

Continued next week! Please stand by!—Phil J.

Arx News

If you get pleasure in seeing a young man's beaming countenance become clouded, just walk through the freshman architectural room and nonchalantly mention something about the freshman initiation. It is now the topic of the day. The exact date has not been set as yet, but it will most likely be in the last of March.

The Armour Architectural Society sponsors the initiation. Each year the freshman class is brought into the society with the junior class officiating. The juniors elect a massier who takes full charge of all the activities and is toastmaster at the banquet which follows the initiation. This year's massier is our well-known cartoonist, Dave Chapman. The banquet is a gala affair, usually held at the Architectural Sketch Club, and the Archs have been fortunate in getting many brilliant and fascinating speakers in previous years. Final date and arrangements will be published later.

Freshmen—Don't forget to make your paddles! (A word to the wise is sufficient).

In the judgment on the senior project which was a "University Club," Nathan Rosen received a second medal locally while the rest of the boys came through with either mentions or half-mentions. In New York the judgment was exceptionally stiff and only two men rated. These were Rosen and Mell.

A few issues back we wrote in the column about Al De Long and Tom Carter, and their plates for the Rome collaborative prize. We knew that you would be interested to know that they both received honorable mentions in New York.

Inquiring Reporter

The Question: What do you think of the idea of the Senior-Junior and the Sophomore-Freshman combinations for putting on dances rather than the individual class dance as has been the previous practice?

Charles Link, M. E. '31—While the plan might be feasible in the light of present financial conditions of the classes, it would undoubtedly be detrimental to established social policy on that it would reduce the amount of social activity that is already quite small.

Stanley Lind, Ch. E. '32—Not so good. There is not enough social life at Armour now. Each class can afford a dance if correct management is practiced on the part of the social committees.

Harold Bodinson, F. P. E. '33—If a particular class is financially able to afford a dance every year, it should be the practice of that class to sponsor a dance annually. Each class should be in charge of its own affairs and at the same time

should benefit by the support of the rest of the students.

Robert Swanson, F. P. E. '34—Could give a bigger and better affair by the combinations.

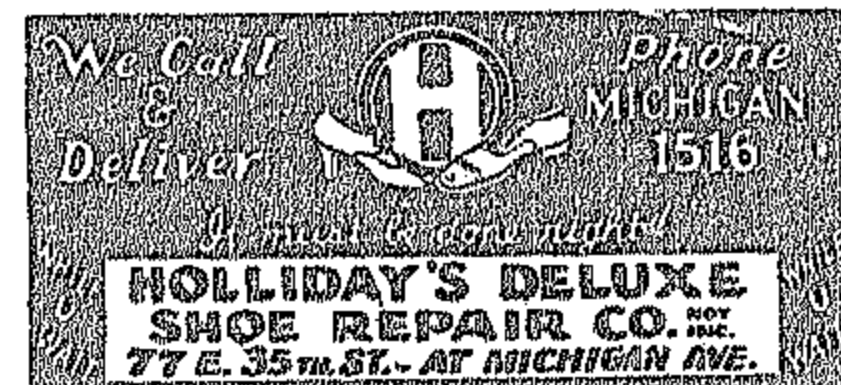
James Casey, C. E. '32—Each class can afford a dance if properly managed. Any move that is made in this direction merely diminishes the class and school spirit.

Norman Penfold, M. E. '33—Only have one dance a year and they ought to have it by themselves when they do hold it.

Humans learn slower than rats, according to results of experimental work on white rats done by Prof. John F. Shephard, of the University of Michigan.

Ralph's Barber Shop

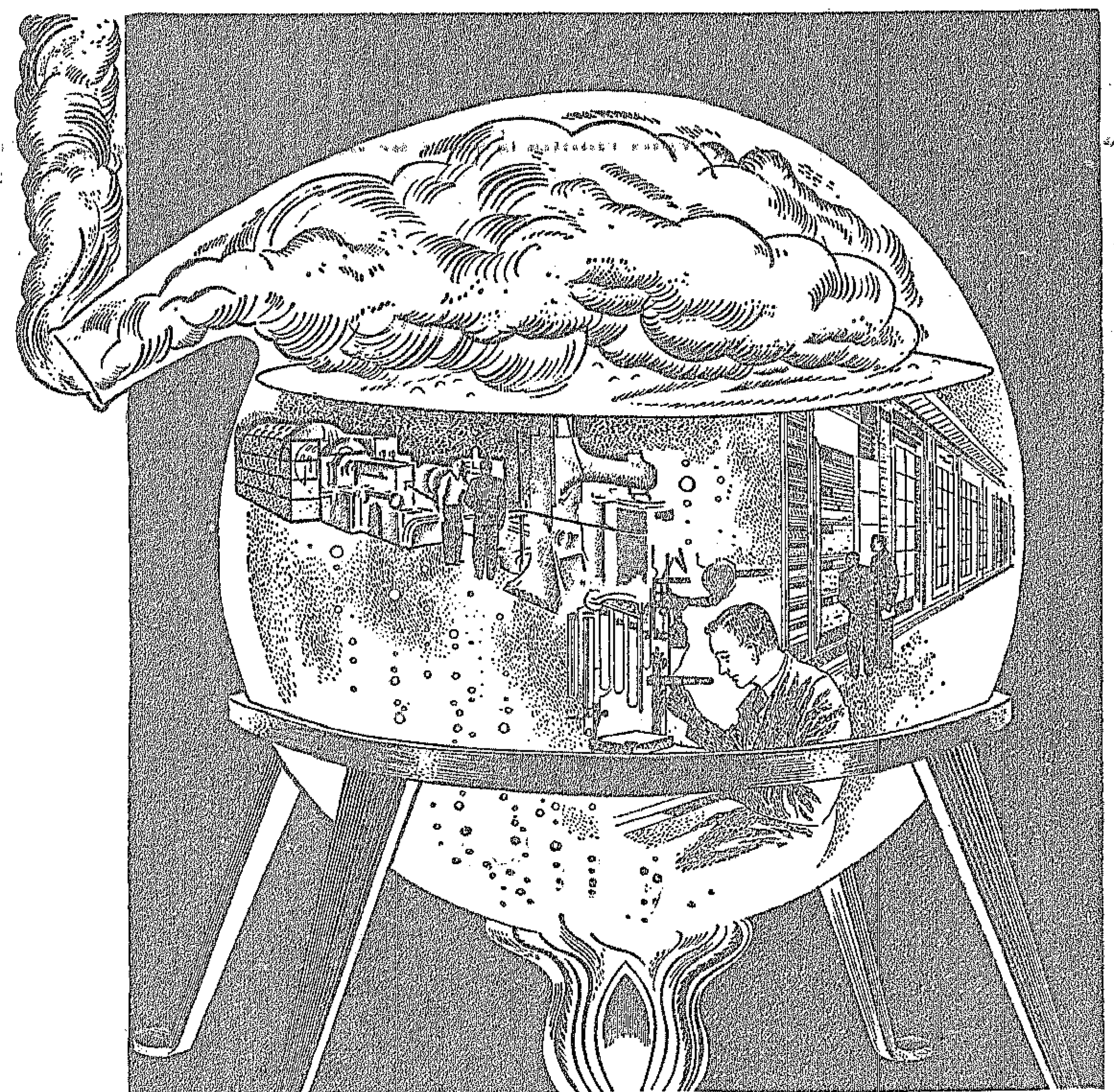
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