

## Armour Tech News

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### RESPONSIBILITY

One of the outstanding objects of an education is to instill in the student a sense of responsibility so that after being graduated, he will be able to step into a position and assume full responsibilities. This phase of an education, however, seems to be the most difficult for the average man to acquire. According to members of the faculty here at the Institute, one of the most common criticisms employers have of recently graduated men is their inability to take the responsibility of seeing a project through to its completion.

Our present system of teaching is, in a large part, to blame for this condition. Education, as it is now given in most colleges, encourages the shifting of responsibility and the procrastination which will not fit into a business man's picture of a good employee. A report which is due at a certain date is never turned in ahead of time. The work is put off until the last minute, and then a hastily assembled paper is prepared.

Several departments in the Institute have attempted the principle which is now the vogue among educators; the principle which says, "Let the student seek for his education instead of forcing it on him." These attempts have not proved successful because the student body is unaccustomed to such methods, and only tries to take advantage of such a situation. It is absurd to expect that students who have been brought up on the "force-feed" method will suddenly turn over a new leaf and resolve to work in a course where no definite, dated routine is scheduled.

The forming of the habit of responsibility is doubly hard at a college, for the attitude of the crowd must be fought against. However, until a university can produce men who will capably fill responsible jobs on graduation, the college graduate must submit to the ridicule of the "practical engineer," who, although he has had no higher education, has been brought up on responsibilities.

The editorial column is our means of expression to our readers; similarly our readers may express their opinion thru the Letterbox. However, it is the policy of our paper not to publish anonymous contributions.

A recent letter received has made some rather radical and dubious statements. If the author will submit his name, we will be glad to print intact (misspelled words included).

## :: "THE SLIPSTICK" ::

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

### FRATERNITY

You're the most thoughtful and considerate room-mates,

I'm the luckiest of brothers that I know;  
But there's one thing in your conduct that arouses  
All the fury that a man can show!

When I go to cleanse my dentals in the bathroom  
And the tube of paste is crumpled and awry,  
I need interstellar space to give my wrath room,  
And my temper seems to boil and fry!

All the virtues of fraternalism—you've got 'em—  
And your ways are unobjectionally great,  
But why don't you squeeze the tooth paste from the  
bottom?

And why don't you screw the cap on straight?  
D. T. S. with apologies to B. B.

With the baseball players' salaries where they are  
now, the youngsters of today no longer aspire to that  
great position of President.

### SURE PROOF

They had now been married just six months. "Jack,  
dear," she murmured, "I hardly know how to tell you,  
but soon—soon—there will be a third in our little love  
nest."

"My darling," he cried, "are you sure?"

"Positive," she replied. "I had a letter from mother,  
saying she would arrive next week."

Micro Mike.

### More Questions

Dear KK.

What do you do for sunburn?

Algy.

Dear Algy:

Stay out in the sun.

KK.

Mr. Kol. Kon.

Being a tennis fan I am looking for some informa-  
tion on how to serve. Thank you.

Robert.

Dear Bob.

On a hot day serve with plenty of ice and a little  
ginger ale.

KK.

### Unknown No. 6-7/8 X

Boil, filter, and wash the unknown. Dissolve in 25  
gallons HCl and all a little dilute hydrochloric acid.  
If a ppt. forms, boil, filter, and wash. If it doesn't  
do the same anyway. At this stage, boil, filter, and  
wash the filtrate. It is then dried, put in a beaker,  
and the beaker boiled, filtered and washed. After this  
operation, the precipitated solution is put in a test  
tube and dissolved in H. Z. If it does not dissolve,  
then boil, filter, and wash, and then boil, filter and  
wash. The ppt. is then boiled, filtered, and washed  
and allowed to dry. After boiling, filtering, and wash-  
ing the filtrate, the portion which runs through the  
filter paper is boiled, filtered, and washed. If the ppt.  
does not dissolve in concentrated H<sub>2</sub>O, it is dissolved  
in water, then boiled, filtered, and washed. When this  
manipulation explodes, the remains of the operator  
are interred or, that is, put in a flask and boiled, fil-  
tered, and washed, if they can be found.

—The Bongineer

Why not boil, filter, and wash?

Walt wants to know if we heard about the plumber  
who moved to another hotel because he objected to  
the sign, "Have you forgotten something?" hanging  
on the wall of his room. We didn't, Walt. Spring it.

### GIDDAP

Ques: "What did Paul Revere say at the end of his  
ride?"

Ans: "Whoa."

—Phil J.

### Dedicated to ?

I call her my automobile girl—I'd like to choke her.

—Chester

### The Wrong Kind

Clubwoman—"Oh, George, what a mess the guest  
speaker at the club turned out to be today, and to  
think we had to pay him, too."

George (husband)—"Well, what was the trouble?"

C—"Why, we heard he was a bridge expert, and  
every one was expecting a grand time, and he turned  
out to be nothing but a famous engineer."

Y. E. W.

They say that a little bit of vinegar knows its own  
Mother, but it's a wise cork that knows its own Pop.

### Must a Been a Murad

Irate Father (to son he has caught smoking):  
"Smoking, hey!"

Son (nonchalantly): "No, sir; tobacco."

\*\*\*

In the physics class one lad wrote in an exam that  
an atomizer was an instrument for measuring the  
size of atoms. This answer was related to the class,  
and amidst the loud laughter came this remark from  
a so-called smart guy—"Gee, that's hot, he ought to  
know better than that. It's a device for measuring  
the size of molecules."

J. S. McC.

Respectfully yours,

K. K.

## Professor John Frederic Mangold

(A Biographical Sketch)

BY P. EMIL SEIDELMAN, '31

John Frederic Mangold, Associate  
Professor of Mechanics, was born  
at Waupeton, Iowa, in 1884. After  
graduating from the local grade  
schools and Cornell College Acad-  
emy, he entered Cornell College in  
1903, and received his B. S. degree  
four years later. He then attended  
the State University of Iowa and  
received a B. E. degree in civil en-  
gineering in 1911. He also has a  
C. E. degree from Iowa State. Pro-  
fessor Mangold spent three summer  
sessions at the University of Wis-  
consin doing graduate work in  
mechanics and hydraulics.

After spending the summer of  
1907 as a rodsman and draftsman  
for the Burlington railroad, he  
worked in central Illinois on drain-  
age engineering. Then, in 1909, he  
spent six months on railroad loca-  
tion in Mexico.

Professor Mangold began his car-  
eer as a teacher in the fall of 1911,  
when he became an instructor of  
civil engineering at the Mississippi  
Agricultural and Mechanical Col-  
lege. The next four and one-half  
years he spent on municipal work  
as city engineer at Grinnell, Iowa,  
simultaneously filling the position  
of assistant professor in engineer-  
ing at Grinnell College.

From 1917 to 1919 Professor Man-  
gold was Professor of Civil Engi-  
neering at the South Dakota State  
School of Mines, in Rapid City.  
Then, for one summer, he served  
as principal assistant bridge engi-  
neer of the South Dakota state  
highway commission.

As an indirect result of a visit to  
Chicago during his vacation in  
1919, he joined the staff of the In-  
stitute as an Associate Professor of  
Mechanics. Since that time, as he  
is a licensed structural engineer, he  
has worked on many municipal  
and structural engineering prob-  
lems for private concerns, espe-  
cially railroads.

In 1916 he married Miss Helvig  
V. Anderson of Rock Island, Illi-  
nois, a graduate of Grinnell College.  
They have three children.

During the World War he held  
the commission as Captain of En-  
gineers, U. S. R.

Professor Mangold is co-author  
with Professor Leigh of one book,  
"Practical Mechanics and Strength  
of Materials," which is to be pub-  
lished in the near future. He has  
also written many articles and  
pamphlets, a series on reinforced  
concrete having appeared some  
time ago in the American Builder.

He is a member of the American  
Society of Civil Engineers, the Mid-  
way Athletic Club, and the Con-  
sistory of Thirty-Second Degree  
Masons, also Beta Psi Fraternity.

His interest, outside the engineer-  
ing field, is in sports and garden-  
ing, hiking having the preference.

## Deans' Office Gives Statistics

The final statistics from the Of-  
fice of the Deans give the number  
enrolled in each class as follows:

Seniors .....	172
Juniors .....	188
Sophomores .....	208
Freshmen .....	230
Special .....	2
Total .....	800

The different departments in-  
clude the following number of  
men:

Mechanics .....	136
Electricals .....	175
Civils .....	145
Chemicals .....	91
Fire Protects .....	115
Architects .....	137
Total .....	800

This is twenty more than were  
enrolled in the Institute at this  
time last year.

## Inquiring Reporter

Question:—Would you like to see  
the NEWS feature short stories  
written by students?

H. Kreisman, M. E., '34—I think  
it would be an excellent idea, be-  
cause of the interest aroused and  
because of the valuable experience  
it would afford the writers. Inter-  
est aroused in a story will naturally  
travel throughout the entire paper  
and knowledge may thus be gained  
by the writer through experience,  
and ideas and grammar may be  
acquired by the reader.

Professor C. B. Cooper, Head of  
the English Department—Yes. It  
seems to me this would make one  
of the most interesting features of  
the paper.

R. E. Golden, E. E., '33—Yes.  
There are probably many students  
in the school who could write either  
personal experiences or imaginary  
ones which would be of interest to  
all of us.

V. E. Alexander, C. E., '33—Yes.  
This would arouse the interest of  
students who are in possession of  
literary ability but have not the  
chance to express themselves. There  
would also probably be some very  
interesting stories presented to in-  
terest the readers.

J. R. Jackson, F. P. E., '32—Yes.  
I think it would be a very good  
idea. It would give the students  
more of an interest in the paper  
and their writing if their stories  
were published.

## Carbide and Carbon Co. Interviews Seniors

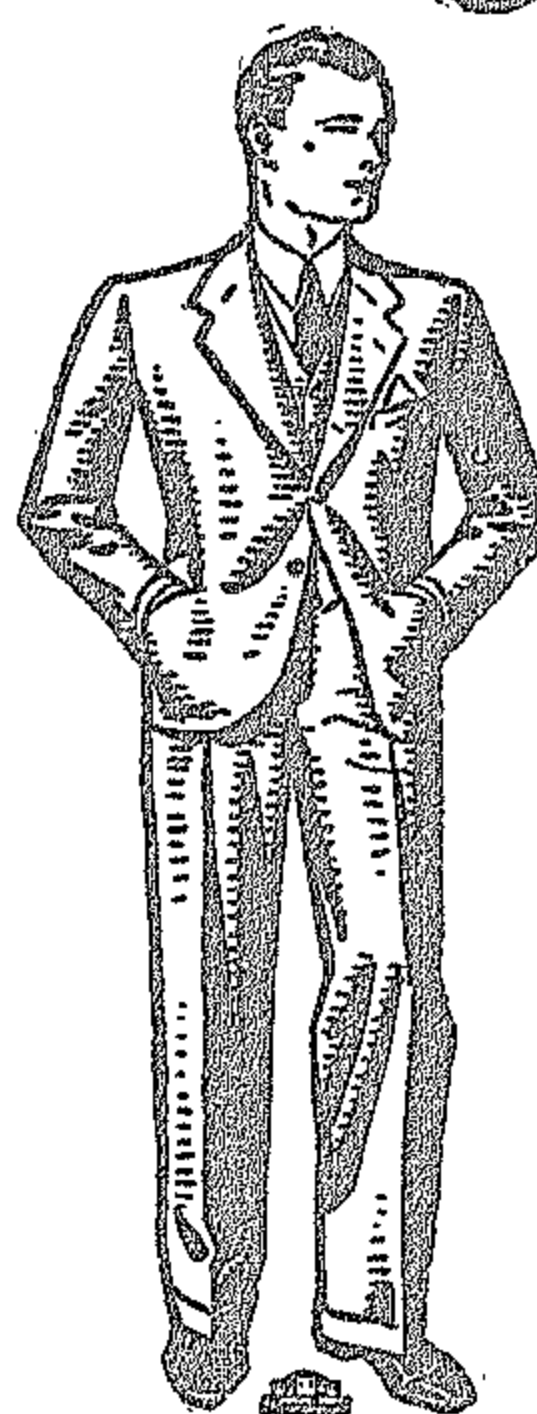
Mr. D. B. King, assistant to  
works manager, of the Carbide and  
Carbon Chemical Corporation, of  
30 E. 42nd Street, New York City,  
interviewed the Senior Chemical  
and Mechanical Engineers last Fri-  
day afternoon for positions with  
his firm after they graduate.

Dr. Louis C. Monin, former dean  
at Armour, has changed his address  
from Dufourstrasse 30, Zurich,  
Switzerland, to Gladbachstrasse 71  
in the same city.

## College Men Have Confidence in SUITS and TOPCOATS

STYLED BY

## Charter House



SUITS TOPCOATS  
\$40, \$45, \$50 \$45 and \$50

IN A PERIOD OF GREAT AND SWIFT  
CHANGES, WHEN MODERN FELLOWS ARE  
INCLINED TO DOUBT THE AUTHENTICITY  
OF A STYLE, THE OUTSTANDING AND  
MOST HIGHLY QUALIFIED GARMENTS  
BEAR THE CHARTER HOUSE LABEL.  
IT INDICATES FINALITY.

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Jain Bloch Clothes

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