

IGT Appoints New Director

Leon J. Willien has recently been appointed Associate Director of the Institute of Gas Technology, revealed Dr. J. I. Yellott today. Formerly Willien was chief gas engineer of the Public Utility and Service Corporation of Chicago.

Willien hails from Terre Haute, Indiana. He was educated entirely in his home town receiving his Bachelor of Science degree from Rose Polytechnic Institute of Terre Haute in 1906, his master of Science degree in 1908, and his Chemical Engineering Degree in 1910.

Willien is the inventor of the Willien-Stein process for the manufacture of Low Gravity Gas and has published numerous articles dealing with water gas manufacture. He holds a membership in the American Gas Association, the Midwest Gas Association and the Western Society of Engineers.

Willien is also the recipient of numerous honors and awards, among them being the Charles A. Munroe Award which he received in 1936 from the American Gas Association for the most outstanding contribution of an individual to the advancement of gas industry.

Strain Gauge Added to Laboratory Equipment

The materials testing laboratory has a new piece of equipment called the strain gauge. It consists essentially of a wheatstone bridge which is wired to the specific beam to be tested for tension or compression.

This machine has been used to measure boiler tests and other types of equipment for strain. According to the plan of the laboratory, the student is permitted to make actual physical tests of different materials with the instrument.

TECH

(Continued from Page 4)
runs in the second and one in fourth and fifth innings to tie it up. In the first half of the seventh, Tech scored again to go into the lead 5 to 4.

Then in the fateful last half, the first Marine led off with a single. Another single, followed by an over-throw allowed one runner to score and put the other one on third. Then on a slow grounder to second, the runner sprinted home with the winning run.

Tough Situation

	ab	r	h	87th Marines	ab	r	h
Krause,rf	4	0	2		4	0	0
Fleischer,3b	4	0	0	Dagle,cf	4	0	0
Clemens,ss	3	0	1	Hunt,1b	3	0	1
Oldshue,1b	3	0	1	Kolpen,ss	4	0	0
Furst,cf	3	1	1	Sophia,3b	3	1	0
Maciejewski,1	3	1	1	Redford,c	3	2	1
Holstrom,2b	3	1	1	Schroeder,rf	4	1	1
Lichtman,c	2	1	1	Benes,lf	3	2	2
Siela,c	1	0	0	Hubble,2b	2	0	1
Puchalski,p	2	0	1	Messica,p	2	0	1
Kravolec,p	1	1	1				
Totals	29	5	10	Totals	28	6	7

	r	h	e
IIT	040	000	1-5 10 2
Marines	020	110	2-6 7 0

CO-OP

(Continued from Page 1)
catch-as-catch-can basis, tucked away in a remote corner of a building used for educational purposes.

Although he is in favor of a Co-op store, it must be put on a firm basis, independent of the Institute. It should run as a regular business, with salaried help, regular hours, and the permanency and continuity usually associated with a business enterprise, he stated; it should be able to stand on its own feet.

Admitting that any plans of this variety must be on a long-term basis, he said that the students in charge of the Co-op should begin making such plans at this time. If they start working now on a long-term plan of this sort, the Institute will cooperate to the extent of allowing them to rent space at the school for a reasonable period of time, he stated. This would indicate that the present agreement will be extended, if the leaders of the Co-op work out plans for the future.

Seniors Grade IIT Faculty Favorably

Approximately 75 per cent of the remarks passed by the graduating seniors on the faculty were favorable. This was learned today after Dean J. C. Peebles was presented the completely compiled senior questionnaires for the first time since he has been dean.

"Very few disagreeable comments were found in the questionnaires" said Sid Baker, chairman of the senior questionnaire committee. Here are some examples of the senior remarks:

"Very fine fellow. Should talk louder in class because he is interesting."

"Terrible attitude. Unfair and likes to take advantage of his position. Must be hen-picked at home."

"Knows his stuff. Talks like a mad man. Very unfair grades. Expects everyone to read till blue in the face."

"Excellent teacher who is an inspiration and example to his students. Shows real interest in them."

"Good teacher, class attitude excellent, ability likewise, fairness good."

"Best prof I ever had."

"Best man IIT ever had."

"A swell human being."

"Too Dogmatic."

"What is he doing in an engineering college?"

"Nice, but how dry."

After the name of many instructors appeared "good teacher" and other similar remarks.

The seniors who work to obtain these results and those which were released in Technology News last week are Hans Nord, Edward Leonard, Al Petronis, Paul J. King, Norman Friedman and Sid Baker.

Any professor who wishes to obtain any comments passed on himself should contact Sid Baker before Thursday, the latter added.

EDITORS

(Continued from Page 1)
coming term. So far, Herman has gone through college on a William J. Cook scholarship, which he received as a freshman.

The career which Bob Misch has followed at IIT is closely paralleled to Herman's. He, too, has run the gamut from reporter, through copy, rewrite and headline editor, to assignment editor, a post which he has held this semester. He succeeds Nelson as business manager.

Bob, a junior chemistry major, is a member of Alpha Chi Sigma, professional chemical society. He has recently been elected to the presidency of Pi Delta Epsilon.

The two co-editors will serve in place of the usual combination of editor and managing editor. This is not the first time that such an arrangement has been used on Technology News, since Jim Landrith and "Bud" Parker worked together as co-editors on the paper in 1937.

Of the present managing board, Editor Harry Burkart and Managing Editor Burt Fried will enter the navy at the end of this term; Feature Editor Sid Baker will graduate; and Sports Editor James Oldshue will enter the army. With the exception of Baker, these men have been members of the managing board for two semesters.

SCHEDULE

(Continued from Page 1)
from 12:30 to 1:30 p.m.

For the convenience of students during the summer, all lecture classes will be over by 2 p.m. Labs will be the only classes held after that hour.

Inauguration of the 8:30 a.m. class last July was for the convenience of the ASTP, but since the discontinuance of this program at IIT, it is no longer necessary to continue on the schedule.

Cancel Station Wagon Service

The station wagon service has been discontinued until further notice. This fact was released by the maintenance department. The reason given for the change that the need for the wagon was so small that it did not pay to run it.

The station wagon used to carry mail between Lewis, George Williams, Cicero, and Armour campus. In addition to this it carried passengers who had classes on two campuses.

88 IIT Alumni Have Relatives At Illinois Tech

Eighty-eight alumni of Illinois Tech are relatives of students now attending IIT, according to News Bureau records.

Of these alumni, 34% are brothers of present students, 22% are cousins, and 15% are fathers. The relatives also include 8 uncles, 2 aunts, 2 mothers, and 4 sisters.

Eighty-nine percent of the alumni are relatives of civilians, while only 11% are relatives of V-12 men.

CRUISER

(Continued from Page 1)

channel weather existed after the Americans left, which would have enabled the Japs to land if they so desired.

All scientific instruments were removed from the 75,000 pound craft but the four 1500 pound tires and two spares might prove of value to the Nippons.

The five passenger Beechcraft plane which travelled on the cruiser's roof was taken back to the United States and later sold to the British.

"The cruiser in operation proved more successful than we had a right to expect," said Poulter. "Since it had no gearshift, all speeds were controlled by motors. It was found that the speeds necessary to keep the motors cool were slightly in excess of what we desired. Only one change will be made when we go back and that will be in the gear ratio," concluded Poulter.

The craft stands 15 feet tall, is 55 feet long and 20 feet wide. It resembles closely an overland bus in appearance. Space is provided within for four men together with a years provisions.

Engineer and Alumnus Completes 35th Year of Publications; Started in 1909

The Illinois Tech Engineer and Alumnus has completed its 35th year of publication. It started out as the Armour Engineer, which was its title for 25th years. The first edition was published in January, 1909. 700 copies were printed and sold for 50 cents apiece. Until 1913 it became a quarterly.

Strong Tests Are An Aid to Draftees

Students who have taken the Strong Vocational Interest Test should bring a copy of it with them when they are inducted into the Armed Forces, Dr. William Krathwohl, director of the Educational Testing Office advised today.

Dr. Krathwohl added that this test is the one which indicates whether a person possesses the characteristic interests of individuals who are successful in various occupations. He said that if the results of the test do not agree with the work the student would like, he should leave the report at home.

Any student desiring a copy of this report should bring the original to the Educational Testing Office and a copy will be made without charge.

Vagtborg to Speak To Chemical Group

The June meeting of the Chicago section of the American Chemical Society will be held at 7:30 p.m. Thursday in the grand ballroom of the Medinah Club.

The recently organized IIT student chapter of the ACS will meet at the Medinah Club Thursday after the meeting of the Chicago section. Dr. Bruce Longtin, instructor in chemistry, sponsors the student chapter.

On the agenda of the Chicago meeting are scheduled two scientific reports. Harold Vagtborg, director of the Armour Research Foundation, will speak on "The Organization and Chartering of Research." Dr. E. C. Lathrop will present a report from the Northern Regional Laboratory. There will also be a demonstration of the wire sound recorder developed by the Armour Research Foundation.

Math Club Hears Slager At Wednesday Meeting

Pascal's Theorem and its applications were discussed by Don Slager, sophomore physics major, at the meeting of the Mathematics Club last Wednesday.

This was the last meeting of the term according to Harley Flanders, secretary of the organization.

FINAL EXAMINATIONS Third Term 1943-44

Wednesday, June 21, 1944

Time	Room
8:30 a.m. to 10:20 a.m.	
Mechanism, ME 201.....	500 Main
Machine Design, ME 202.....	502 Main
A.C. Machinery EE 407.....	202 Main
Water Supply Eng., CE 405.....	202 Chapin
Drawing and Est., CE 201.....	205 Chapin
Chemical Eng. Lect., ChE 401.....	305 Main
Bus. Org. and Control, IE 241.....	208 Chapin

Time	Room
10:30 a.m. to 12:20 p.m.	
Calculus, Math. 201 *A-Q.....	305 Main
Calculus, Math. 201 *R-Z.....	502 Main
Calculus, Math. 202.....	500 Main
Process Metallurgy, ChE 419.....	202 Main

Time	Room
1:30 p.m. to 3:20 p.m.	
General Physics, Phys. 101.....	305 Main
General Physics, Phys. 102.....	500 Main
General Physics, Phys. 203.....	500 Main
Advanced Circuit Theory, EE 403.....	502 Main
Naval Machinery, ME 443.....	200 MH
Masonry and Foundations, CE 403.....	202 Chapin
Chemical Eng., ChE 301.....	202 Main

Time	Room
3:30 p.m. to 5:20 p.m.	
Mechanics of Materials, Mech. 301.....	500 Main
Applied Mechanics, Mech. 204.....	500 Main
Strength of Materials, Mech. 208.....	500 Main
Fund. of English, English 101.....	305 Main
Composition, English 102.....	502 Main
Advanced Mach. Design, ME 430.....	202 Main

Thursday, June 22, 1944

Time	Room
8:30 a.m. to 10:20 a.m.	
Review Algebra, Math. 100A.....	305 Main
College Algebra and Trig., Math. 100B.....	305 Main
College Algebra and Trig., Math. 101.....	305 Main
Anal. Geometry and Trig., Math. 102.....	305 Main

Time	Room
10:30 a.m. to 12:20 p.m.	
Anal. Geometry, Math. 113.....	305 Main
Engineering Analysis, EE 303, 304.....	202 Main
Structural Engineering, CE 312.....	502 Main
Engineering Chemistry, ChE 307, 202 Chapin	
Stress Analysis, CE 429.....	205 Chapin

Time	Room
12:30 p.m. to 2:20 p.m.	
Electricity and Magnetism, EE 1 (205).....	305 Main
Elem. of Elect. Eng., EE 206.....	202 Main
Bridge and Struct. Design, CE 408.....	202 Chapin
Physical Metallurgy, ChE 421.....	502 Main
Thermodynamics, ME 305, 306.....	500 Main
Surveying, CE 202, 201.....	205 Chapin

Time	Room
2:30 p.m. to 4:20 p.m.	
Statics, Mech. 201.....	500 Main
Fluid Mechanics, Mech. 302.....	500 Main
Organic Chemistry, Chem. 204, 205, 305 Main	
Prod. Methods Lect., ME 419.....	502 Main
Industrial Electronics, EE 427.....	202 Chapin

Time	Room
4:30 p.m. to 6:20 p.m.	
Engineering Electronics EE 310.....	202 Chapin
Elem. German, Ger. 101.....	500 Main
Elem. German, Ger. 102.....	500 Main
Scientific German, Ger. 211.....	500 Main
Cast Metals, ME 318.....	502 Main
Stresses in Framed Struct., CE 303.....	305 Main

Time	Room
6:30 a.m. to 10:30 a.m.	
A.C. Theory, EE 306, 307.....	202 Main
General Chemistry, Chem. 1a.....	500 Main
General Chemistry, Chem. 101.....	500 Main
Quantitative Chemistry, Chem. 201.....	502 Main
Heat Power ME 401, 402.....	305 Main
Astronomy, CE 421.....	202 Chapin

During its early years the Engineer was deeply indebted to Dean Louis C. Monin for his help, and the other faculty advisers; H. M. Raymond, later president of Armour; G. F. Gebhardt; E. H. Freeman; and Harry McCormack. Dean Monin was with the Engineer for eighteen years.

In 1913 the Engineer staff decided to start an Alumni Section in the magazine. The section became an increasingly important part of the publication and in 1932 the name was changed to the Armour Engineer and Alumnus. Naturally when Armour and Lewis merged the Armour part was changed to Illinois Tech.

In 1937 the faculty decided that editing the Engineer and Alumnus was too big a job for the students. Since then the editors of the Engineer and Alumnus have been faculty members, although a staff of student editors is retained. D. P. Moreton was the faculty editor in 1937-38; Walter Hendricks, who had been influential in the previous editions of the Engineer, was editor in 1938-39; and Prof. Joseph B. Finnegan has been editor since then.

Co-op Polls Students To Aid in Ordering Next Semester's Books

In order to reduce the uncertainty of ordering textbooks for the coming semester, the Co-op bookstore passed out mimeographed questionnaires to civilian students in their 11:30 a.m. classes last Friday.

The question asked was, "Will you register for next semester?" "For which subjects would you like the Co-op to have books?", and "What department will you be in next semester?"

Only 134 students replied, 71 of whom said they will register for next semester. "Obviously, this is not a complete coverage of the civilian enrollment, but it is enough to be very helpful", said Art Uhler, vice president of the Co-op.

It is estimated that a relatively larger proportion of those who expect to be in school in July answered the questionnaire than did those who are leaving school, added Uhler.

10:30 a.m. to 12:20 p.m.

Study Technique, Psy. 101.....	502 Main
Naval Hist. and Elem. Strat., H3.....	500 Main
Radio Engineering, EE 418.....	203 Main
Chem. Thermodynamics, ChE 308.....	202 Chapin
Airplane Stress Analysis, CE 431.....	305 Main

Time	Room
1:30 p.m. to 3:20 p.m.	
Kinetics, Mech. 202.....	500 Main
Flow of Fluids, Mech. 303.....	500 Main
Adv. Mech. of Materials, Mech. 403.....	500 Main
Naval Organization, NO 101.....	202 Main

Time	Room
3:30 p.m. to 5:20 p.m.	
General Psychology, PS 1.....	502 Main
Electricity, EE 414.....	500 Main
Micro-Wave Tech. EE 423.....	202 Chapin
Surveying, CE 417.....	202 Main

Saturday, June 24, 1944

Time	Room
8:30 a.m. to 10:30 a.m.	
Physical Chemistry, Chem. 308.....	305 Main
Heat Laboratory, ME 309, 407.....	500 Main
Hist. Background of Pres. World War, H 1 and 2.....	500 Main
Machine Tools, ME 319.....	305 Main

Time	Room
1:30 p.m. to 3:20 p.m.	
Thermodynamics, ME 316, ME 411.....	500 Main
Heat Exchange, ME 422.....	502 Main
Economics, IE 101 (BA 1).....	202 Main

Time	Room
3:30 p.m. to 5:20 p.m.	
Metal Process Lect., ME 418.....	500 Main
Economics, IE 102 (BA 2).....	202 Main

*Refers to members of class whose names begin with these letters.

PLEASE REPORT ALL CONFLICTS TO THE REGISTRAR'S OFFICE IMMEDIATELY.