

Signal school turns out Axis headaches

Four hundred soldiers graduated last Saturday from the Illinois Institute of Technology code school for army radio operators. These composed the first class to complete training at the school, which was inaugurated October 19, 1942.

So auspicious was the occasion that the men passed in full military review before Major General H. S. Aurand, commanding officer of the Sixth Service Command, and his staff, on the way to the St. James Methodist Church, Forty-sixth and Ellis streets where the ceremony was held.

General Aurand was the main speaker of the day. Following his address, Doctor Jesse E. Hobson, director of signal corps training at IIT presented the graduates with certificates emblematic of the completion of their training at the Institute. Professor Paul G. A. Andres, supervisor of the Signal Corps, acted as master of ceremonies.

The men have been studying for an average of eight weeks at the Illinois Tech code school. During their training they learned to send and receive messages and to maintain and repair radio equipment.

Their training is but one phase of Illinois Tech's signal corps training program, largest and most advanced in the Sixth Service Command. The 400 are a part of the 11,000 men a year which Illinois Tech trains for the Signal Corps. There is a continuous enrollment of approximately 2,600 men in the program.

In fact, so large has the Illinois Tech signal corps program become that the Institute has had to "draft" additional locations in which to train the men. These graduates attended classes and were housed at the Northern Illinois College of Optometry, one of the locations leased by Illinois Tech for the signal corps program.

Students hear Dr. Eglhoff

Over two hundred chemistry students crowded into 202 Main last Friday morning to hear Doctor Eglhoff, director of research of the Universal Oil Products Company, lecture on "Substitute Fuels". Dr. Eglhoff made evident his wide experience in the field of petroleum and fuels through his accounts of the present situation concerning the fuel supply of the Allied nations and the Axis powers.

He described the increased production of planes in the United States as exceeding all expectations, having increased one-hundred fold over the production several years ago.

"The control of air power has left the Axis powers and now is in Allied hands", stated Dr. Eglhoff. He further described a new plane now being produced in the United States as outflying the renowned Jap "Zero" fighter.

This new transport plane has four 2200 horsepower engines and can cover continental United States from coast to coast in eight hours, using gasoline at the astonishingly low rate of one gallon per mile.

These developments, Doctor Eg-

Miss Vandemoortel switches boards to join WAACS

Not content with snatching embryo engineers from their studies, Uncle Sam invaded a heretofore sacred realm when he reached out and called Marge Vandemoortel into active duty in one of the more publicized branches of the armed services recently.

Having passed the stiff mental and physical requirements, she was sworn into the WAACs where she was assigned to the Motor Transport and Communications division.

The consensus of those who know Marge is that she will probably prove to be the ideal gal for the job. Since she has gained a great host of friends during her short stay at IIT, she is expected to win many more in her new job.

ITSA postpones election of class representatives

The next ITSA election has been tentatively set for the second or third week of February. The purpose of the election will be to select a junior class representative, a freshman representative, and a representative from Lewis. The election has been postponed due to the indeterminate status of freshmen and students at Lewis because of the draft and reserve situations.

The election will also put up for vote an amendment to the ITSA constitution. The amendment would require that a mass or class meeting be held prior to all elections in order to introduce candidates, a policy which has not been followed in the past.

Since a petition requires fifty signatures, to be valid, it is advisable that those who wish to seek office begin to circulate their petitions as soon as possible.

Due to the amendment passed last May, the junior representative will not automatically become president in his senior year, as in the past. For the same reason the representative from Lewis will not become vice-president unless re-elected.

Ridings dons tasks

Mr. Paul O. Ridings, director of the Illinois Institute of Technology News Bureau, has recently received several appointments; as assistant editor on the Log, official publication of the Junior Association of Commerce; and as chairman of the publicity committee of the American College Publicity Association. Mr. Ridings is now writing a monthly column, entitled "Hot Tips," in "Publicity Problems," the official publication of the American College Publicity Association.

loff asserted, necessitate increased production of high grade gasoline on an unprecedented scale. He further believes that the United States and other Allied countries are taking the lead in scientific and technological research and industrial development.

Poll of seniors future status

Last Friday, at the senior class meeting, John Schommer requested that the seniors answer six questions asked by Dean Peebles.

The questions were:

1. Have you accepted a job in industry?
2. Are you looking for a job in industry?
3. Are you enrolled in any of the armed services?
4. Do you expect to seek a commission in the armed services after graduation?
5. Are you planning to take up graduate work? If so, do you plan to do this work here or elsewhere?

One hundred and seventy-six replies were attained. This does not

193 donors at west campus

Life giving blood was obtained from 193 donors at the west-campus of the Illinois Institute of Technology by the Red Cross Mobile Unit under the sponsorship of the Medical Arts Guild, Thursday and Friday, January 14 and 15.

Registration, executed by Gertrude Eisenstein, president of the Guild, was completed before the holidays and each donor was mailed his appointment.

The Red Cross unit, operating efficiently, examined the 247 volunteers, rejected 54 for colds or low hemoglobin, but accepted 88 on Thursday and 105 on Friday. Not only liberal arts students participated in the drive, but the Signal Corps and students in defense projects offered their blood as well.

Maintenance men partitioned the gymnasium to provide a reception room and an operating room, containing eight cots from which transfusions could be made simultaneously.

A light snack, consisting of coffee, tea, or milk and cookies was served each participant, to pep him up after the transfusion, and a "Blood Donors" pin was given to each in recognition of his gallant donation.

Wranglers wrangle ravisly at banquet

The Wranglers, co-op human engineering society, climaxed a year's activities at a banquet held Wednesday evening January 13 at the Swedish Club.

Professors John J. Schommer and Leonard J. Lease spoke to the Wranglers on the draft, income tax laws, and other matters close to the hearts of all student engineers.

Doctor Charles O. Harris of the Mechanics department was presented to the club as its faculty advisor for the coming year.

The retiring chairman Edward P. K. Clarke turned the gavel over to the chairman-elect Ellsworth Packard who conducted the remainder of the ceremonies. Also starting terms of office were the newly elected officers. The officers are as follows: Milton Platzner, vice chairman; John A. Briggs, recording secretary; Edwin Kurek, program secretary; Robert Silberstorf, treasurer; and John Fukas, parliamentarian.

represent one hundred percent of the graduating seniors. Those seniors who did not attend the meeting are requested to step into the Dean's office and fill out the questionnaire and sign their names to it.

Fifty-two percent have accepted jobs in industry. Twenty-five percent of the boys are still looking for jobs in industry or have not accepted jobs as yet. Graduate work will claim two percent of the seniors. Nineteen percent of the boys are looking for commissions; while fifteen percent are enrolled in the services.

The Dean emphasized that he wants every senior to fill out the questionnaire.

High school students brave scholar exams

Sixty-one select high-school students of Chicago and vicinity braved the horrors of an Illinois Tech examination Saturday, January 9, in the hopes of winning a full, one-year scholarship to the Institute. After taking the exams from 9:00 a.m. until noon, the candidates were led to the Student Union cafeteria, and entertained at a luncheon given in their honor by the administration. Dean Peebles addressed the guests and they were given the opportunity to meet some of their future professors.

The scholarship committee held its meeting last Friday for the purpose of making the awards, and the winners will be announced shortly.

FINAL EXAMINATION SCHEDULE

MONDAY, JANUARY 25, 1943

Time	Instructors	Place
8:10-10:00		
General Physics, Phys. 201	Physics Instructors	500 Main
General Physics, Phys. 202	Physics Instructors	305 Main
General Physics, Phys. 203	Physics Instructors	305 Main
10:10-12:00		
Review Algebra, Math. 100A A-L*	Math. Instructors	500 Main
Review Algebra, Math. 100A M-Z*	Math. Instructors	305 Main
Col. Algebra & Trig., Math. 101 A-L*	Math. Instructors	500 Main
Col. Algebra & Trig., Math. 101 M-Z*	Math. Instructors	305 Main
Col. Algebra & Trig., Math. 100B	Math. Instructors	202 Main
Anal. Geom. & Trig., Math. 102	Math. Instructors	202 Main
Analytic Geometry, Math. 113	Math. Instructors	202 Main
Math. for Architects, Math. 103	Math. Instructors	502 Main
1:10-3:00		
Chemical Engineering, Ch.E. 301	McCormack, Peck	305 Main
Engineering Chemistry, Ch.E. 307	Schommer	102 Chapin
Meteorology, C.E. 325	Carpenter	202 Main
D. C. Machinery, E.E. 306	Manning	502 Main
Structural Design, C.E. 313	Griffis	105 Chapin
3:10-5:00		
Organic Chemistry, Chem. 204	Bernstein	305 Main
Drawing & Estimating, C.E. 201	Stevens	502 Main
Materials & Fluid Mechanics Lab., C.E. 321, 323	Huntly	500 Main

TUESDAY, JANUARY 26, 1942

8:10-10:00		
Engineering Mechanics, Mech. 201	Mech. Instructors	500 Main
Mechanics of Materials, Mech. 301	Mech. Instructors	500 Main
Flow of Fluids, Mech. 303	Mech. Instructors	500 Main
Economics, I.E. 102	Instructors	305 Main
10:10-12:00		
General Chemistry, Chem. 101 A-K*	Chem. Instructors	500 Main
General Chemistry, Chem. 101 L-O*	Chem. Instructors	502 Main
General Chemistry, Chem. 101 P-Z*	Chem. Instructors	305 Main
Graphics, C.E. 314	Griffis	102 Chapin
Thermodynamics, M.E. 316	Jakob	202 Main
1:10-3:00		
Engineering Mechanics, Mech. 202	Mech. Instructors	500 Main
Applied Mechanics, Mech. 204	Mech. Instructors	500 Main
Applied Mechanics, Mech. 206	Mech. Instructors	500 Main
Fluid Mechanics, Mech. 302	Mech. Instructors	500 Main
Study Techniques, Psy. 101	Orcutt	305 Main
Descriptive Geometry, T.D. 103	Instructors	502 Main
Descriptive Geometry, T.D. 103	Instructors	400, 401, 402, 403
		Physics
3:10-5:00		
Physical Chemistry, Chem. 308	Longtin	500 Main
Surveying, C.E. 204	Penn	305 Main
Elements of Electricity, E.E. 205	Higgins	502 Main
Fire Insurance Schedules, F.P.E. 201	Finnegan	102 Chapin
F.P.E. Lectures, F.P.E. 301	Finnegan	102 Chapin