

Dr. Oldenburger Back at Armour

Returns from Princeton, N.J.
After Year Away

Armour's department of mathematics has been especially favored by the return of Dr. Rufus Oldenburger to the staff. Dr. Oldenburger, who came to Armour in 1934 and was made assistant professor of mathematics in 1936, has been on a year's leave of absence.

When Dr. Oldenburger left Armour he went to the Institute for Advanced Study at Princeton, New Jersey, where he conducted intensive research on his "Theory of Polynomials." While at Princeton he published several papers on this theory. During the year he gave many lectures at Princeton and presented several papers to the American Mathematical Society.

Visits Europe

At the end of the academic year at Princeton, Dr. Oldenburger went abroad. He spent the summer in France with the exception of a month's vacation during which time he visited southern France, Italy and Switzerland.

When asked about the European situation, Dr. Oldenburger said he was hardly aware of it until he read the American newspapers on the way home. With regard to the people themselves Dr. Oldenburger said "The Europeans expect war, and since they expect it they do not worry about it. They will worry about it when it comes."

Comparing the newspapers of the various countries Dr. Oldenburger noticed that the German newspapers contain more propaganda than do the papers of the other countries. The papers in Italy are fairly accurate on most accounts but they never report any insurgent losses and they are always quick to give full accounts of Loyalist losses. Cordell Hull's speech was printed verbatim in several Italian newspapers, but the paragraph on totalitarianism was omitted. "Italy seems to be making a definite bid for American friendship," continued Professor Oldenburger.

Research Work in Paris

In Paris where Dr. Oldenburger continued his research, he was received by Professors Frechet, Weil, and Chevaly with whom he was continually associated. Dr. Oldenburger found that although there is little mathematical activity in France today compared to that found in the United States, it is of a very high calibre. During his stay in Paris Dr. Oldenburger spoke at the Institute Poincaré which is part of the Sorbonne University.

While in New York after his return from France Dr. Oldenburger presented a paper at the semicentennial meetings of the American Mathematical Society. At one of the meetings, R. L. Moore, president of the organization, said: "Although American Mathematics is rapidly approaching a golden age of productivity it has not yet reached the greatness of the golden age of France and Germany of the last century."

Dr. Oldenburger insists he is glad to be back at Armour. With regard to the rapid strides to the front that Armour has made during the past year, Dr. Oldenburger said: "Armour Institute is definitely in the class of the best engineering schools in the country."

SCHOLARSHIPS—

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graduating seniors of June, 1938 made application for and took the competitive examination. Two hundred and forty-nine of these applied for the regular freshman scholarship and took the written examination at the Institute in Chicago on Saturday morning, May 21, from 9 until 12 o'clock. At the same time, fifteen students were taking the examination in various points throughout the United States under the supervision of the principal of the candidate's high school.

In addition to these two hundred and sixty-four candidates who had applied for the regular one year freshman scholarship, an additional fifty-four were taking the examination for the annual fire protection engineering four year scholarship. The fire protection engineering scholarship for a period of four years is offered by a group of Insurance Companies and awarded by a committee of which Mr. R. M. Beckwith of the Western Actuarial Bureau is chairman.

REMODELING—

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Building through the front entrance.

By entering the front entrance and descending a few stairs the student will find himself in a spacious lobby from which the Dining Hall, either of the two smaller dining rooms or the Book Store are readily accessible. The lobby also connects by direct passage-way to the new entrance to the Mission Building from Federal Street and to the east tower on the other side of the building. A Check Room will serve the students from this central lobby. The Men's Toilet is also located on the ground floor. Two telephone booths are conveniently located near the lobby. The old entrance to the ground floor from the south side of the building is being abolished.

From the ground floor lobby the students can reach the second floor lobby by the winding stairs which will be completely modernized. The arrangement of the rooms on this floor is practically the same except for the larger auditorium which may be more properly called the Student Hall. The former class room area underneath the balcony is now a part of the Student Hall which becomes a much larger rectangular room. A single floor level prevails throughout the student hall area. Only slight changes will be made in the stage. The balcony will remain the same except for painting. All walls in the Student Hall will be completely redecorated. There will be no permanent seats in the Student Hall; chairs will be moved into place when necessary. The hall as well as the entire building will be heated by a new heating system and completely re-

lighted. A unique feature of the illumination in the Student Hall will be an indirectly lighted plaque hanging from the ceiling to spill light by reflection to all parts of the balcony. Diffused lighting will also light the floor area underneath the plaque. The area underneath the balcony will have indirect illumination. Under each pair of lights there will be a 4 foot by 12 foot table with 10 or 12 chairs to a table. There will be five of these tables on each side of the room. The tables can be used for studying purposes.

Rooms A and B in Mission Building are being converted into Student Meeting Rooms. All blackboards have been removed. The ceilings and walls will be painted, a new linoleum floor laid, and draperies hung on all windows. The rooms are not being considered for use as class rooms. Meetings will be scheduled in these rooms for any student group that will make the proper arrangements for their use with student appointed officers. A student office equipped with telephone service will serve as the student administration office. The office just off the foyer connects the Student Hall with the lobby to the winding stairs. On the other side of the foyer there is being constructed a women's rest room. The meeting rooms and the Student Hall can be reached by the tower stairs on either side of the building.

The Student Lounge will be located in the former Civil Drafting Room on the third floor. The room is being redecorated, the walls and ceilings will be repainted, and the windows will be draped. The floor will be of hardwood and refinished. Sofas, occasional chairs, lamps, a radio, card tables, occasional rugs will leave nothing to

Christophersen to Organize Public Speaking Class Soon

Mr. M. G. Christophersen, a member of the English department, will give a short course in Public Speaking. The course is offered as an elective to juniors and seniors.

Students interested in this course should contact Mr. Christophersen so that a schedule can be arranged during this week. The time selected will depend upon the open periods of the upperclassmen interested in the course.

surely minded students. The degree of student enthusiasm for the lounge indicates that this room may become the most popular of the building.

There you have it! The Mission Building is now becoming a student building for, of, and by the students.

LIBRARY—

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ed in the latter part of this month. Miss Steele, the head librarian, said, in relation to the changes: "With the new stacks at our disposal, we expect to improve our service to the student body because of the convenience of this new compact arrangement. It is also hoped that with the opening of new study rooms the library will be used for what it was originally intended—that is, chiefly as a reading and reference room."

Books may be secured from the library upon presentation of the library card. All new students are urged to present their tuition receipts at the library desk as soon as possible and secure their library cards.

Commercial Law Offered Upperclassmen by Larkin

The social science department, with Dr. John D. Larkin, associate professor of political science, as instructor, will offer this semester an elective in the Elements of Commercial Law. This course will stress contract essentials and principles with some emphasis upon engineering specifications.

The concluding weeks of the semester will be devoted, according to Dr. Larkin, to a brief consideration of forms of business organizations—partnerships, trusts, and corporations.

This course will be open to juniors and seniors only. It may be elected either at 10:30 and 11:30, Tuesdays and Thursdays.

GREET FRESHMEN—

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the freshmen that, the Dean and instructors are their friends and that they should not hesitate to talk over matters with them if trouble develops. Each freshman has a faculty and a student adviser that will assist him throughout his first year.

Dr. McNamara talked about the importance of health. He also emphasized the fact that all freshmen must be vaccinated against small pox a rule of the Institute, these certificates to be submitted at the earliest possible time—a dead-line to be set later.

Following this general assembly the freshmen adjourned to various assigned rooms about the Institute, where they discussed school life at Armour Tech with their respective student advisers.

ARX NEWS

Over the summer. Snow White has melted down to something hot like the Flat Foot Floogie, but the song, "Heigh ho, Heigh ho, Off to Work We Go" is still your tune, my lads. Gander at your new sked-dood-lee—as we say back in our sand dunes. In the same rural vein there goes,— "the best pickin' is on the top branches,"—and our new tree is very high with plenty of climbing room.

Down to earth again we have . . . DANFORTH back from the best working vacation one could have; playing on the liner Paris. (Cogitate on his word "playing") We boat him the glamour boy title. Kliphardt has gone facultyish and raised a moustache to convince his dear North Park students that he is THE professor. More power to him; may it grow handlebars, modern ones, all of stainless steel. Wouldn't he look polished?

As we bid the Beaux Arts system goodbye don't you think that the approaching summer problem judgment ought to be in the nature of a bon voyage gift? I wonder if Otto Teegan would agree? Gather ye Medals while ye may. Our new quarters for the juniors and seniors down in the art school should do just what the lads have been hoping for. Keeping the underclassmen upstairs has its points too.

Advice o he freshmen Arx: Read June Province's column in the Tribune to discover where you don't go to school.

Enough!

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