

COMBINED MUSICAL ORGANIZATIONS TO PRESENT CONCERT

One hundred and twenty-five musicians, the combined forces of the glee clubs and orchestra, will present a concert in the auditorium at Lewis Institute, Friday, May 23 at 10:30 a.m. Numbers that have been the "hit" of the season will be featured on the program. The girls' glee club will be heard in a special group including "Spring" by Sinding and "Lilac Time" by Brewer. Also they will join the male glee club in the finale in singing a medley of old favorites by Victor Herbert. Soloists for the program will be Robert Mead, tenor; Robert Hemmon, baritone; Gus Mustakas, violin; Roy Hrubec, trombone, and Joe Kuntz, French horn.

The program is as follows:

Orchestra	
H. Guarnsey, Overture	Gomez
Men of Harlech	Walsh
Sweet Little Woman O' Mine	Bartlett
Armourer's Song	DeKoven
The Sleigh	Kountz
Men's Glee Club	
To a Water Lily	MacDowell
Silva	Glere
Russian Sailors Dance	Glere
Orchestra	
Spring	Sinding
Lilac Time	Brewer
Girls Glee Club	
Songs from the Student Prince	Romberg
Old Favorites	Herbert
Combined Clubs	
IIT Loyalty Song	

Instruction for the Armour clubs:

Orchestra rehearsal, Tues., May 20
Glee club rehearsal, Thurs. May 22

Graduate School—

(continued from page one)

itors or students who attend classes without intention of taking credits or a degree. In each case they are not holders of undergraduate degrees. Ninety-nine institutions, eighty-seven of them in the United States, have sent graduates to the Institute. Every major engineering or technical school in America is among them. Seventy per cent of the graduates come from schools other than the undergraduate division of the Institute. This is regarded as unusual since undergraduate technical schools are ordinarily majority feeders of their own graduate departments.

Among the schools who have representations at the Institute are: University of Illinois, Purdue, Lewis, Central YMCA college, University of Chicago, Northwestern, Massachusetts Institute of Technology, Cornell, and Carnegie Institute. While preference of graduate students as a whole for certain fields of study varies from semester to semester, civil or chemical engineering are most popular among those working for master's degrees. A general master of science degree, followed closely by that in electrical engineering, is next in demand.

Further development of the graduate school will be greatly accelerated by the impending construction of the projected "Technology Center" campus of the Institute on the site of the present Armour College of Engineering. Included in objectives of the 1941 phase of \$12,000,000 development program are intensification of graduate activities, with the addition of working laboratory and classroom space.

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ALBERT W. HAWKES GRADUATION SPEAKER

Thursday, June 12, has been set for the date of the commencement for June '41 graduates of Illinois Institute of Technology. The time is to be 8:15 p.m.; and the place will be the Civic Opera House. A nationally known industrial magnate, Albert W. Hawkes, will be the main speaker for the occasion. Mr. Hawkes holds the esteemed position of president of the United States Chamber of Commerce, as well as the office of president and chairman of the board at Congoleum-Nairn, Incorporated of Kearney, New Jersey.

The baccalaureate sermon for the graduating students will take place on the Sunday evening preceeding graduation, June 8, in Orchestra hall. Dr. Ruopp, minister of Central Church, will talk on "He Took it upon Himself."

Mention of special honors to be conferred, as well as additional information of this commencement will be available in next week's Technology News.

Robert Jahnke Elected Chairman of A.S.M.E.

The IIT chapter of the American Society of Mechanical Engineers held their annual election of officers last Friday, May 16. Ralph Jahnke was elected chairman of the student branch, while Raymond Geisler was chosen vice-chairman. The other elected officers are Albert Wegger, secretary; Herbert Hansen, treasurer; and Daniel Brown and Ralph Jahnke representatives of the ASME for the Western Society of Engineers.

John Sauvage, retiring chairman, urged all members to be present on Friday, May 23. The meeting is to be held in science hall at 10 a.m.

All mechanical engineering graduates are eligible for junior membership in the society and can derive benefits and advantages by payment of the ten dollar yearly fee. Engineers who wait several years after leaving school to join are assessed a ten dollar initiation fee in addition to the regular dues. The regular fee may be paid in quarter-annual installments.

Illinois Institute Of Technology Able To Train Education Students

Although there are no students at Illinois Institute who are majoring in education, the department is fully equipped to give students proper training to meet the requirements of the State of Illinois. In summer, courses in educational guidance, adolescent psychology and a number of other specialized courses are offered for teachers.

The state certificate law in Illinois requires at least sixteen semester hours in each of three teaching fields, or 32 semester hours in one field and 16 in another. This takes the major part of the time of the student who is preparing to teach. The law also requires at least 15 semester hours in education. This requirement accounts for the majority of those enrolled in education classes, though there are a considerable number of students who take one or more courses in education for general training.

There has been no attempt to add to the number of courses offered by the Institute in the day school, for the interests and needs of the students are very similar. The courses offered are those which seem to be the best fitted to prepare the student for entrance into teaching. In the evening school there is a wider difference in the needs of the students, many of whom are already teaching, so that there is a wider variety of courses offered.

Practice Teaching Required

In Cook county and in all of the surrounding states there is a requirement of practice teaching for certification. Illinois does not have this requirement as yet, but will probably include it soon. To meet the needs of the students, practice teaching has been provided for the last three years. During this time about ninety students have taken the work in observation and practice teaching. Many of them feel that this first-hand experience has been of very great value in preparing them for their work.

The practice teaching at Illinois Institute is done in the city high schools through an arrangement with the superintendent's office. Arrangements are made by Dr. Walker of the education department with the principal, who assigns the students to a teacher, usually one of the best in the

school. The student spends one hour or more per day with this teacher for one semester. He first observes the teacher's method of management and teaching, assists in routine duties and such things as marking papers, and eventually takes charge of the class himself, under the guidance of the teacher. Besides the direction and suggestions of the critic teacher, the student is visited by Dr. Walker who makes suggestions for improvement.

Students have done practice teaching in a number of the Chicago high schools. The placement has been influenced by the convenience of the school for the student and by what school is doing work which fits the student best. Among the schools which have accepted students for practice work are Amundsen, Austin, Crane, Kelly, Lindblom, Manley, Marshall, McKinley, Phillips, Senn and Wells.

Placement Bureau to Aid

This year the placement bureau of the Illinois Institute has been enlarged to include the placement of teachers. This is a new undertaking, and it takes time to make such work effective. With the quality of students the institute is able to send out, it is expected that superintendents will get in the habit of sending their requests for teachers to the Institute. The bureau expects to place a number this year and any who want teaching positions should get in touch with the bureau at once. This applies to the seniors of this year and to former students.

The question of a class in primary flight training, under the Civil Aeronautics Authority, for the summer is not yet settled. The probabilities are that there will be such a class.

Applications for the training should be left with Professor Wells at room 320, Chapin hall. He will be at his desk from 9 o'clock until 4 on Wednesday, Thursday, and Friday this week. Applications will also be received for the secondary (advanced) course. Action of Armour College of Engineering in applying for a quota for primary flight training will be determined by the number of applications received.

FACULTY BRIEFS

At the request of the Board of Education, Professor Lee F. Supple addressed the graduating chemistry students at the Carl Schurz high school, May 14. Mr. Supple gave valuable information on the prospects of industrial chemistry by discussing the functions of an industrial chemist, the training required, and the schools where this training may be best secured. After the lecture, the students barraged Professor Supple with questions on topics varying from the co-op plan to the importance of plastics.

Dr. Margaret Frank, instructor of psychology in the Lewis evening school, was the speaker at a luncheon given at the Merchants and Manufacturers' club May 15 by a group of women executives and personnel directors. These women have organized for the purpose of helping career-minded girls prepare adequately for their chosen fields. This group is also contemplating detailed studies of the various jobs in the Chicago area, which are available to girls and the amount of training and qualifications demanded by these

Prof. Lester R. Ford, chairman of the department of mathematics

spoke May 17 at Ohio State University on the subject of fractions.

Dr. Michael A. Sadowsky of the mathematics department spoke before the Mathematical Builders Club last week. His discussion centered around soap film and sand heap analogies of torsion in mechanics. Dr. Sadowsky received the degree of Ph.D. at the Technische Hochschule (Berlin) and was later a lecturer at the technical college. He taught at the University of Minnesota and in Soviet Russia before coming to his present position. He is a recognized authority on Elasticity and Engineering Mathematics and has published numerous papers on topics in his field of specialization.

Dean C. L. Clarke, representing Illinois Institute of Technology, attended the inauguration of Victor R. Edman as president of Wheaton college on May 9.

Mr. J. A. Ritzel, a member of Mayor Kelly's administrative staff, will address Professor D. Roy Mathew's class in local government at 11:30 on May 23. His subject will be "Mayor-Council Form, the Best System of Local Government."

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