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Innovate Three Semester Food Technology Course For Chemists, Engineers

New Class Scheduled In Food Technology For Evening Grads

Food technology is being introduced at Armour College in the form of a three semester course open to the evening graduate division.

Stabilizing food technology is the intention of the course. The course is a combination of bacteriology, chemistry, and engineering. Many chemists, graduating from school and securing jobs concerning food testing, have been confronted with many problems concerning processing, spoilage, and bacteriology. This course enables the student entering this field to secure very practical knowledge that otherwise would have to be learned by experience.

Business Men Teachers

It has been the ambition of a lot of men to draw industry and the academic field closer together. This can be accomplished by having men in business teach or attend classes. This course is an excellent example of this idea. The course is to be taught by Dr. E. Harvey who has had much practical experience in this line.

Food Technology

University of Maryland has a four year course in food technology, and Massachusetts Institute of Technology has a similar course. Although only three semesters, a concentrated course is being offered, it is hoped that installation, if it is received well, of a four hour course. Such a course would be a great aid to the food industries of Chicago especially those engaged in meat packing.

Defense Training Program Brings Six New Courses

Illinois Institute of Technology's recently formed Engineering Defense Training program has added many new courses to its curriculum. More tool design and elementary design courses will be given, and there will be a number of sections of strength of materials, with laboratory work, given in addition to the regular classes. A new class in welding engineering and a general course in diesel engine theory, will be offered.

In the South Chicago area there will be several classes devoted to the important subjects of time and motion study, and general metallurgy. One more course in metallurgy will be included at Lewis Institute.

New Subjects

New subjects, never taught before in the training program, will be introduced. They are courses in plastics, electronics, elementary electrical engineering, elementary steam power plants, elementary chemical engineering, and explosives. A course in advanced testing methods will probably be included. Additional courses will be given, should a demand for them be indicated.

James Lombardo Writes IIT Song

No, not Guy Lombardo, but rather, Jimmy Lombardo, who has come through with a lusty school song which is guaranteed to thrill everyone and fill them with school spirit and loyalty to the Illinois Institute of Technology. Jimmy's masterpiece is entitled "There's Only One IIT."

Jimmy, who is a senior at the Vandercook School of Music and is taking his academic work at Lewis, wrote the music, and his wife, the former Virginia Allen, supplied the lyrics. Mrs. Lombardo is a graduate of Lewis and a member of the Sigma Beta Theta sorority alumni.

Ray Noble Petition

Last fall when asked to sign the Ray Noble petition, Jimmy asked if some student could not write a school song. The committee told him to go ahead, and then neglected to follow it up. Jimmy did not forget and last week handed his composition to the song committee. When the song was played, it made an immediate hit, and a consensus of opinion of the student body was taken.

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Defense Courses Installed At Lewis

Twenty night school courses, relating to the Engineering Defense Training Program have now been installed at Lewis. These courses include a course in testing equipment, a course in machine design, two courses in strength of materials, a course in ordinance inspection, two courses in welding engineering, four courses in time and motion study, three courses in production methods, four foreman training courses, and a course in metallurgy.

Industry Drafted

Members of these courses were drafted from industry for E. D. T., and are on an independent schedule from the regular IIT schedule. These courses run for twenty weeks.

Research Engineers Test Golf Ball For United States Golf Association

GE Lab Director Speaks At Armour

Everett S. Lee will speak on "The Prominence of Measurement in Industry" to the general student body in an assembly sponsored by the W. S. E. on Friday, February 28, at ten o'clock.

Because of the requirements of industry for very accurate measurements, many different methods are being employed. Mr. Lee, speaking on the apparently simple problem of measuring the common inch, will illustrate his talk with slides.

The speaker is qualified to discuss this subject, being director of the General Engineering Laboratory of the Schenectady Plant of the General Electric Company. His undergraduate education in the field of Electrical Engineering was carried on at the University of Illinois, and his graduate work at Union College.

This program is unique in the manner of its arrangement. One of the purposes of the W. S. E. is to secure better cooperation between departmental engineering societies. The A. S. M. E., knowing that a talk on this subject would be of general interest and value, made the necessary arrangements, and the W. S. E. sponsored it because of its general nature.

GLAMOUR GIRLS WILL MODEL FOR SHUTTER FIENDS

Photogenic glamour girls in three delicious flavors will act as models for the first Armour Eye open house of the new semester. In addition to the old members, anyone interested in joining the shutter-snappers is invited to come up to the studio on the momentous night of Friday, March 7, at 7:00 p.m. Anyone with a camera will be admitted to take pictures of the girls under the clubs more - than - adequate lights. The club's 5x7 inch view camera will also be available for use.

Interested students will be welcome at the regular meeting of the photographers' group which will take place this Friday at the usual hour of 10:00 a.m. Several amendments to the club's constitution will be considered at this time, including the reduction of dues and the admission of graduate students.

Previously, the constitution of club had specifically barred graduate students from membership. After this Friday, they will find the doors of the darkrooms open to them.

In the recently-remodeled darkrooms of the club, there are full facilities for carrying out practically all of the photographic processes. Available are a Super Omega B enlarger—the last word

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Prof. D. Richardson Designs Electronic Clocking Equipment

Every golfer in the United States will be influenced by the project now being carried on by the Armour Research Foundation. The slide-rule and the stop-watch have been called in to aid the niblick by the United States Golf Association which has the support of every golf club in these golf-playing United States. Dr. Carl G. Anderson is supervising this investigation of the tools of St. Andrew's old Scottish sport.

Machinery has replaced humans in almost every other field, and the foundation's hook and slice scouts have carried this to the extreme of replacing the golfer. A robot has been built to drive a ball with the velocity given it by the average golfer. Sixty balls an hour, according to Dr. Anderson may be tested by the device.

Electronic Stopwatch Used

Whirling with a translated linear velocity of 145 feet per second, a hammer swats the ball under observation. Determination of the resultant impact velocity is then measured by having the ball break two successive beams of light, actuating photo-electric cells. Intersection of the first beam switches on current to a ballistic galvanometer; when the second beam is cut, the electricity is shut off. Deflection of the galvanometer thus offers an index of the time required for the ball to travel a constant distance. Professor Donald E. Richardson of the foundation is the creator of the complicated electric-eye vacuum tube amplification circuit.

No changes in performance are sought by the "tee men." Standardization of results is their object and, by the use of the iron golfer, materials and specifications are being set up to make performance of balls and clubs consistent.

Every manufacturer, from last January 1, on, will be expected to make all of his products conform to the measurements laid down (continued on page two)

String Quartet To Serenade Guests

What is the controversy splitting the student body of Illinois Institute of Technology? Is it whether or not relativity is here to stay? Shall the South secede from the Union? No, none of these, but who will be the fortunate damsel to reign as beauty queen at the Junior Formal.

Among the comely aspirants to this title are, Mary Spies, junior architectural student at Illinois Institute of Technology and the only girl member of the junior committee sponsoring the affair. She will be escorted by Hugh Story mechanical engineering student; Ruth Early, University of Chicago coed, who will be escorted by Roman Mankus, mechanical engineering student, a member of the junior committee and swimming team; Rita Castino, Mundelein College graduate, who will be escorted by James J. Walker, fire protection engineering student, junior class secretary, and member of the committee.

Other hopefuls to be escorted by committee members are Dorothy Duncan, University of Chicago coed, who will be escorted by Richard Talcott, fire protection engineering student and member of the swimming team; Darlene Van Derkeyden, to be escorted by Charles Lachman, chemical engineering student, manager of the basketball team, and committee chairman; Jane Klimmick, who will be escorted by Donald Ely, junior fire protection engineering student.

Other junior committeemen are Frank Jencius, mechanical engineering student, Jorma Leskinen, electrical engineering student, and Gustav Staats, electrical engineering student and Raymond S. Leibbrandt, of the civil engineering department.

Bids for this tops among the (continued on page two)

Make Friends! Influence People! Read "How to Be a Gobbler"

By an expert

1. Definition: A turkey is one who gobbles. Gobbling includes "shining the apple", sitting in the first row, handing in your homework on time, and other unpardonable sins. By these methods a gobbler obtains grades which are much higher than is warranted by his ability and effort.

2. Approach: You should know your prof personally long before he becomes your instructor. Invite him for dinner and talk to him about his hobbies.

3. Maintenance: To maintain good relationships with your professor, see him often after class, and appear to be highly interested in his lectures by asking all sorts of questions, foolish and otherwise.

4. Tests: Before each test ask the prof to give you a general idea of what questions and problems he is going to give, and after you have taken it go to him and tell him that you did not feel well during the test, and that you were foolish to hand it in. Then, if you did well, you will get full credit, while if you did not do well, the prof will take your ailment into consideration.

5. Grades: If after all this you do not receive an "A" in the course, go to the prof and argue with him until he gives you the desired grade. If he does not change his mind, be nice to him anyway, so that he may speak favorably about you to other members of the faculty.