



Head Marshall Arranges for "Junior Week"

Tentative plans for the thirty-fourth annual Junior Week have been released by Head Marshal Jack Clark. Junior Week, which will be held for three days—Wednesday, Thursday, and Friday, beginning on May 10, is an annual affair at Armour. During this period lab reports, drawings, and math homework are forgotten by the students for the sake of a widely varied program ranging from athletics to an Open House exhibition.

Marshals Supervise Events

Junior Week is run by a group of Junior Marshals chosen by the members of the Junior class. Each department chooses a representative, and the Junior class as a group chooses a head marshal. The department from which the head marshal is chosen receives another marshal to take his place. All arrangements and the carrying out of the plans during Junior Week are taken care of by the marshals. Jack Clark, a mechanical, has been chosen as head marshal for this Junior Week. The alternate, also from the mechanical department, is Ralph Erisman. Sidney Heenan represents the chemicals, while the electricals are taken care of by Dan Shaver. Don Mackey of the civils, John Eggers of the fire protectors, and William Scherer of the architects complete the list of marshals.

The program is designed to provide interest for every member of the student body. Success for Junior Week can only be assured by the complete cooperation of a majority of the student body according to Head Marshal Clark. In the past Junior Week was held in conjunction with classes, and continual strife between the professors and students anxious to omit classes was the result. Under this plan Junior Week was held for a full week. By eliminating classes entirely for a period of three days, it was felt that a much better spirit of cooperation would result. Last year was the first time this plan was attempted. The plan is being repeated this year.

Class Rush Friday

One of the most awaited events of the entire year takes place during Junior Week, that is, the Senior-Faculty baseball game. It is at this time that the seniors, after four years of subjugation, arise with justifiable spirit and proceed to send the faculty back to the bush-league.

The much talked of class rush between the freshmen and the sophomores takes place at this time. The battle for the possession of the straw and sand filled bag will take place on Friday afternoon of Junior Week. It has been a good many years since the freshmen have succeeded in besting the sophomores in this annual classic.

The pentathlon, the interfraternity track meet, and junior-senior tug-of-war, coupled with a large number of other events, are designed to provide a full week for the students.

Novel Sets Used in Captain Applejack

Construction of the set for the production "Captain Applejack" has begun and is progressing rapidly. A new design for a set more adaptable to the Student Union stage, has been contemplated for some time, but, because of the type of play presented was not yet practical.

In previous productions the customary three-walled set has been used, but, in order to give a clear view to all the seats in the auditorium, a two walled back will be built.

The new set allows a wide degree of interchangeability as the space behind the set has been put to use.

Rehearsals are being held three times a week until the date of production. Characters are to be taken by two persons with the idea of presenting a different cast each night.

Tickets may be obtained from any of the members of the Armour Players. All seats are reserved.

Tibbals to Talk To Deans Here

Dean C. A. Tibbals spoke before the annual meeting of the Illinois Association of Deans and Advisers to Men in the Student Union last Saturday.

The formal part of the meeting started at 10 a.m., when the organization's president, Dean C. W. Schroeder, of Bradley Polytechnic Institute, introduced the first speaker of the day, Dean C. H. Frederick of the University of Illinois. His speech was entitled "The Philosophy of Student Control with Particular Emphasis on Its Legal Aspects." Following this, the group adjourned and had luncheon in the North Dining Hall. Shortly after lunch the meeting re-assembled in the lounge. Dean Tibbals was introduced and served as the toastmaster for the remainder of the program. After speaking briefly, he introduced Professor William Krathwohl of the mathematics department, who is the director of the educational testing department. Dr. Krathwohl spoke on "Educational Testing Methods." Following this speech, Dean Tibbals introduced Mrs. Anna C. Orcutt, the psychologist of our personnel staff. She presented a paper on "Orientation and Remedial Class Work." At the end of this speech, Dean Tibbals introduced Dean Wallace Emerson of Wheaton College, who led the ensuing discussion.

This organization, the Illinois Association of Deans and Advisers of Men, was started four years ago at which time President Heald, who was then our dean, was elected president of the group. At the present time Dean C. W. Schroeder of Bradley Polytechnic Institute in Peoria is the president, and Dean C. L. Miller of James Millikan University is the secretary. This group has rapidly grown, and last Saturday twenty colleges and universities participated in the meeting.

A's Meet B's at Co-op Smoker

Approximately 120 Co-ops, from both the "A" and "B" groups, attended the Co-op Smoker last Friday evening in the Student Union Building. Movies of the manufacture and design of diesel tractors were shown after a short business meeting concerning the activities of the Co-op Club.

Short, but very interesting speeches were presented by President H. T. Heald, Dean C. A. Tibbals, and Prof. Philip C. Huntly. President Heald's speech concerned the employment of Armour graduates, and the number of graduates employed in various fields of industry, such as: automotive, refrigeration, railroad, and various others. Dean Tibbals stressed the development and importance of personality in the field of engineering. Prof. Huntly elaborated on the discussion of the previous speakers, and summarized his statements by saying that personality is nothing more nor less than "oomph."

All Co-ops Become Members

The business meeting proved to be one of the most interesting meetings ever held by the Co-op Club. After heated arguments from both groups of co-ops, two motions which were carried over from the last business meeting of the club, were passed. These motions are: All co-op students entering Armour Institute shall automatically become members of the Co-op Club, and, thereafter, no dues shall be collected by the club. The changes will become effective immediately.

Among the changes in the club recommended by various co-ops were that officers of the club be elected from all classes of co-ops attending school at any particular time, and that all classes in school at any time be included in the club as a unified group. These two changes will give all classes equal representation, and will make all co-op events open to all members. It was also urged that more social events for both groups be held so that the "A" and "B" group students become better acquainted.

NOTICE
Because of the Easter Holidays, there will be no issue of the TECH NEWS next Tuesday.

Elects Hear Schroeder on Airplane Power and Radio; Pick W.S.E. Men

An Armour graduate, Mr. W. Schroeder of the radio division of United Air Lines, will speak to the A.I.E.E. at 10:30 Friday, April 14, on the power and radio equipment of one of the latest transport planes.

At their last meeting the A.I.E.E. elected two men to represent them in the reorganized W.S.E. Nominees for the positions were F. E. Anderson, G. E. Damm, G. E. Frost, J. W. Hartman, and A. Veras. Frost and Hartman were elected.

A plan to increase attendance of meetings was proposed by chairman A. M. Zarem. Each member is required to attend a minimum number of regular meetings. Failure to do this makes the member ineligible to hold office and attend social functions of the A.I.E.E. Only reasonable excuses for absence are acceptable. The plan is to be put to a vote at the next meeting.

Air Conditioning Is Faculty Club Topic

The Armour Faculty Club presented its thirteenth program of the present series over station WCFL, Sunday, April 2. Members of the club participating were Professor Nachman, Dr. Anderson, and Mr. Schreiber. The subject under discussion was air conditioning.

Discuss Air Conditioning

Professor Nachman opened the talk with a brief definition of air conditioning: the control of temperature, humidity, cleanliness and the distribution of air within a building. It was shown that complete air conditioning was a process desirable in winter as well as in summer; in the latter case the cooling of air is considered, and in the former, the heating. Since heating forms one of the problems in air conditioning, the success of a heating unit with respect to this field depends greatly on its adaptability to conversion into a cooling unit by sending cool water through its pipes. Air is passed over the coils and then distributed to the proper parts of the building.

The question of air velocity or perceptible air currents, together with relative humidity, is one of the major problems encountered. It was stressed that perceptible air currents were necessary to insure maximum comfort. Coexistent with air circulation, is the matter of air cleansing by means of filters or by washing with water which also serves to cool it. Here the air passes through a fine mist of water, previously cooled to about 50 degrees, which absorbs the excess heat from the air and condenses the water vapor present. Thus the relative humidity can be controlled by passing this vapor-free air through another bank of spray water which would humidify the air to the degree desired.

Applications Unlimited

Air conditioning was shown to be of use not only in the home, office and other places where people congregate, but also in the factory. The textile industry was cited as a case where excessively high humidities were required in the manufacture of cotton materials, and the drastic method of obtaining this humidity, such as spraying water in the air, resulted in definitely detrimental working conditions. With the advent of air conditioning the control of temperature and humidity is now held within very narrow limits.

NOTICE
There will be an important meeting of the entire staff at 12:20 today in the NEWS office. Reporters are especially requested to be present.

Eye Celebrates Third Birthday

Yes, they're three years old this month. Last Saturday night, April 1st, the Armour Eye celebrated its third anniversary. Held in the new Student Union Building at 7 p.m., the program began with the celebrated lecture, "Still Life," given by William Langdon of the Fort Dearborn Camera Club. Demonstrations were given during the lecture. Mr. Langdon was introduced by Professor Hammett, faculty advisor of the club, who, in turn, had been introduced by President Don Crego.

After the lecture, Mr. Langdon was invited to judge the prints entered in the salon by the club members. The program was concluded with a general discussion of photographic principles, after which refreshments were served.

Organized by a group of enthusiastic photographers under the leadership of Ernst P. Mehringer three years ago, the Armour Eye has been slowly growing. The Eye is now planning a trip to Starved Rock this Thursday, April 6. They plan to visit the various coal mines and quarries along the way in search for unusual and interesting pictures, trick shots, and all. The trip starts from school at 8 a.m., sharp, and will consume the entire day. All students interested in coming along are asked to make arrangements with President Don Crego of the Armour Eye.

Power Meeting April 5, 6, 7 at Palmer House

Arrangements for the Midwest Power Conference, April 5, 6, 7 have been completed by a committee under the direction of Dean L. E. Grinter, Conference Director. In this annual meeting of all notable power engineering organizations in the city, the cooperation of the engineering societies has been of utmost importance.

Among the schools that are assisting in the conference are Iowa State College, Michigan State College, Purdue University, State University of Iowa, University of Illinois, University of Michigan and the University of Wisconsin. The Chicago sections of the A.I.E.E., A.I.M. and M.E., A.S.M.E., Western Society of Engineers, and the Illinois chapters of the A.S.C.E. and A.S.H. and V.E. are also cooperating.

Headquarters for the Midwest Power Conference have been set up in the Palmer House in Chicago's loop. Most of the meetings will be held in the Red Lacquer Room. The Friday meeting will be held at Armour Institute.

The Midwest Power Conference was reorganized in 1938 as a cooperative institution with university and technical society association. The sponsorship has been centered in Armour Institute, which has assumed the major responsibility for these yearly gatherings.

Invitations are extended to all persons interested in nation's power problems. Armour day school students will be admitted free at the conference in order to stimulate student interest. The purpose of the conference is to offer an opportunity for all persons interested in power production, transmission or consumption to meet together annually.

Drawing Contest Open to Freshmen Announced

An elimination contest, open to all Armour freshmen, without professional experience, will take place this spring in the Engineering Drawing Department. The best drawings in each of six classifications will be selected from those submitted and will be entered in the national competition, sponsored by The Society for the Promotion of Engineering Education. The contest will be run in June during the annual convention to be held at Pennsylvania State College this year.

Frosh Take Over Social Spotlight In Gala Affair at the Stevens

Carnegie-Illinois Mills Inspected By A.S.M.E. Today

One of the most important as well as the most spectacular inspection trips of the year will take place today at one o'clock when Armour's chapter of the ASME visits the South Works of the Carnegie-Illinois Steel Corporation.

All phases of steel production will be observed, beginning with the vessel docks and ore yards, where the iron ore is unloaded from boats and transferred to the blast furnaces. Blast furnace operations line the roadway from which the visitors see furnaces pouring molten metal into ladles for transportation to the various steel producing departments.

The Bessemer process is considered one of the most spectacular sights in the manufacture of steel. In this department the group will see the mixers or reservoirs for storing molten metal, the transfer of the molten iron in ladles to the Bessemer converter, the charging the vessel, and the blowing of a 20-ton heat of steel. They will also see the teeming of steel into ingot moulds and the stripping of moulds from the ingots prior to transportation to the rolling mills.

A visit to the open hearths will be next where a series of furnaces with capacity up to 150 tons each are producing steel of various specifications, including many high grade alloy steels. Here visitors may witness the charging of furnaces with scrap and molten metal and subsequent boiling in the furnaces. They will see the solidified ingots, still white, dispatched to the rolling mills for conversion into finished products.

Finally the group will tour the rolling mill departments and, starting with the pits where ingots are reheated to a specific uniform temperature, they will see the rolling and shaping into finished products, which may be plates of various gauges and widths, structural shapes such as beams, angles, channels, etc., rounds, bars, and billets of all descriptions.

Seniors to Learn Methods of Selling

"Two Salesmen In Search for an Order," a sound movie, will be shown to the seniors tomorrow at 9:30 a.m. in the new Student Union.

The movie contains information which is practical for everyday selling activities, principally portraying the right and wrong way of selling. Students who are interested in salesmanship as a profession will be able to find in it practical ideas which, when put into practice may increase sales. Some of the highly important points pertaining to salesmanship included in the movie are the methods of obtaining an interview, approaching the prospect, demonstrating, meeting objections, closing the deal, departing and expediting and economizing on executive correspondence.

I. M. Footlik will be in charge of this program. All seniors are excused from classes to see this interesting and educational film.

Lazy Students is Subject of Lecture by Mrs. Orcutt

Anna C. Orcutt, Professor of Psychology, will present her findings over WGN April 6 at 2:45 on the subject, "There Are No Lazy Students." The general subject of the talk will consider the idea that students are not deliberately lazy. Laziness is the result of some handicap, such as poor eyesight, low metabolism, or other physical or mental disabilities not directly attributed to the student. The value of such an idea may be appreciated when we realize our attitude toward the individual who is supposedly lazy, but who has, if we stop to consider, reason for his actions.

Date Set for April 14 Bids Going Fast

Every road has its turn, as does every class at Armour Tech. The senior, junior, and sophomore classes have completed a round of tremendously successful dances, and now the social spotlight shines on the Class of '42, which steps out on the floor on Friday, April 14. Art Wise and his swingy orchestra will furnish the music in the beautiful Boulevard Room of the Stevens Hotel.

Bids, at \$1.50 each, are on sale by members of the Dance committee, which is under the chairmanship of Bob Tatge. Tatge said that bids are going fast and that all interested students should procure theirs as soon as is possible. This year's bid is of an exceptionally interesting design and offers an extra appeal to the student body.

Encourage Faculty Attendance

A special feature of the Freshman dance is the cordial invitation extended to all faculty members and their wives to attend the affair gratis. It is hoped that by a fair attendance of faculty members, the freshmen will bring about a closer relationship between themselves and their instructors.

It will be interesting to note the unusual setting presented by the Boulevard Room. In reality it is two rooms, one below the other. The floor is smooth stone and the lighting effects are very soft and mellow. Excellent checking refreshment facilities are available near by, and the hotel service is unquestionably fine.

The Freshman dance committee consists of Chairman Tatge, Bob Ther, Ted Krupnick, Dick Talcott, Earl Huxhold, Jack Mays and Bob Beeson. This group promises a good time for all.

Transportation facilities are nearly perfect. The Stevens is situated at convenient distances from the bus, street-car, elevated, or suburban trains, and parking is within easy reach. With spring in the air, the weather will probably be ideal, and all-round conditions tend to make the Freshman dance equal to, if not better than, the other class successes of the year.

Student Union to Obtain New Radio Next Week—Maybe

Music while you play! That will be the new theme of the student lounge by the middle of next week; for, by that time, the large, new 1939 RCA combination twelve-tube radio and automatic phonograph ordered by the student union board is expected to arrive.

Obtained for two purposes, the radio will furnish enjoyment daily for students, and will also provide music for small dances which can be held in the lounge. The attractive, modern cabinet housing the unit will contribute an added note of decoration to the room.

It is expected that arrangements will be made in the future to purchase some phonograph records. Organizations desiring to hold dances in the lounge will then be permitted to rent them for the evening. The fact that the phonograph section of the radio has an automatic record changer will permit dancing time with a minimum effort in caring for the machine. The radio is an RCA, model U-129 and retails at \$185.

At the present time there are two vacancies on the student union board created by the resignation last semester of Bob Tatge and Jim Fahey. The board is at present made up of the following men: B. Bernstrom, representing the senior class; J. Waber of the sophomores; F. Kruhuick and F. Heidenreich who represent the co-ops; and W. J. Koch of the evening division. The graduate students are represented by Clark Crawford.