

ENGINEERING COURSE OFFERED BY COLLEGE TO HARRISBURG MEN

Twenty-Week Term Will Include Lectures by Industrial Leaders and Penn State Faculty

Announcement has been received from the School of Engineering that Penn State is offering a special educational course to the men of Harrisburg industries this winter. This will include twenty-week courses in industrial engineering and in foreman training, consisting of lectures and lesson assignments that will appeal to men of short experience.

The Harrisburg Chamber of Commerce and several business clubs of the city are assisting in furthering the plans, and Carl W. Davis, representing the Chamber, recently sent the following letter to all members of the organization:

"As the Chamber of Commerce representative on the Harrisburg advisory committee of the Pennsylvania State College, I desire to call your attention to the special educational program the college is offering to the industries of our community for the coming winter. From a large number of subjects which the college is offering, industrial engineering and foreman training have been chosen for this program.

To the industrial executives and advanced foremen, the twenty weeks course in industrial engineering will make a strong appeal. One night each week will be devoted to a lecture in a central auditorium. Half of the lectures will be given by men of the college faculty and half of them by the best experts in Harrisburg so that the lectures will give both inspiration and technical knowledge. Each week there will be a lesson assignment and the lesson papers will be sent to the college for correction and suggestion by the regular college faculty. The lectures will be followed by group discussion to enable the men to apply the lesson to their own work. This course which will be given this winter is the first part of a well arranged course designed to extend over three years and is therefore much superior to the isolated one-year courses which generally do not lead to a systematic progression of work.

"Besides the industrial engineering course there is offered a twenty lesson foreman training course which uses as a text a series of units which have been prepared by the college for this work. This will consist of twenty lectures and also lesson assignments and will appeal to the men of brief training and experience. It offers an excellent preparation for the three-year course in industrial engineering.

"This is called to your attention with the idea that each industry in the community will find it profitable to have a group of their employees taking advantage of the opportunities offered by our State College. More detailed information can be obtained from my office of Professor P. A. Daniels, who will be at the Penn-Harris Hotel the week of September twenty-fifth."

GERMAN DISCOVERS NEW PROCESS FOR DYEING WOOD

An interesting report concerning wood dyeing experiments has been received at Dean Watt's office from H. J. Anslinger, '15 a former two-year agricultural student at Penn State, who is now serving Uncle Sam as Vice Consul at Hamburg, Germany. According to Anslinger, a German engineer of the name of Otto Reiman is reported to have succeeded in causing trees to absorb dyes, from roots to leaves, by practicing various methods of boring into the trunk without greatly disturbing the functions of the vital system.

The process of dyeing takes from two to five days, depending on the character of the soil, climatic conditions, and the kind of wood. About eight days after the tree has absorbed the color, it is felled and sent to the sawmill. The colors introduced are permanent and unchangeable. Any shade can be obtained, and furniture of any color thus fabricated. In addition to its beautifying value when practiced on wood, the Reiman process is said to strengthen the wood through displacing the natural sap of the tree.

Reiman has patented the process in Germany and has applied for patents in other countries. A remarkable phase of this discovery is that, not only can the wood be dyed to pure color tones, but the various shades can be obtained in a natural way.

COLLEGE HEALTH SERVICE HAS INCREASED BUSINESS

A total of one hundred and fourteen cases cured by the College Health Service is the number reached for the month of September 1922, over that of the corresponding period for 1921. This is, in a measure, due to the number of colds and other respiratory diseases which were so prevalent among the students during the earlier part of last month.

A large number of injuries received in football and soccer practice also help to swell this total. Three fractured collar bones among members of the freshman class, two injuries among the varsity soccer candidates, together with several injuries sustained by members of the varsity football squad, have given the Health Service considerable concern.

The X-ray equipment which was recently installed has proved its worth in these instances. Much time, and consequently pain, has been reduced by means of this scientific apparatus. The following figures give an idea of the service rendered.

September-1921	1922
Number of calls.....	379 493
Number of new patients.....	307 360
Number of new conditions.....	287 328
Number of bed cases.....	9 10
Number of excuses granted.....	9 23
Number of days absent (not compiled)	29
Number of undiagnosed cases (not compiled)	23
Number cases referred to other doctors.....	3

FROSH AND SOPHS OUT FOR PHYSICAL EDUCATION

Classes in Physical Education will begin Tuesday, October tenth. All men will report as follows except in cases where special hours have been arranged with the coach in charge:

Basketball, Boxing, Gym, and Wrestling at the Armory, four-thirty P. M., freshmen Tuesday and Thursday, sophomores Wednesday and Friday.

Lacrosse at Holmes Field, Soccer at the Armory Field, four-thirty; freshmen Tuesday and Thursday, sophomores Wednesday and Friday.

Tennis at New Beaver Field Courts according to the hours arranged with Mr. Meyers.

Golf at the links by arrangement with M. Walker.

Track and Cross Country by arrangement with Coach Martin, or, freshmen Tuesday and Thursday at four-thirty, sophomores Wednesday and Friday at four-thirty.

ELECTIONS FOR VICE PRESIDENT OF A. A. TO BE HELD NEXT WEEK

Elections for Vice President of the Athletic Association will be held next Tuesday morning. Balloting will be done in the usual manner, the votes being cast in boxes provided at the various schools. The names of the men nominated will be published in Tuesday's COLLEGIAN.

FOUR CHANGES ANNOUNCED IN C. E. DEPARTMENT THIS YEAR

Professor Elton D. Walker, head of the Department of Civil Engineering, announces the following changes that have taken place in that department since last spring.

George F. Roehrig who has been connected with the Civil Engineering Department since November, 1919, resigned in order to return to engineering practice.

A. A. Faruham, instructor in Surveying, has been granted a year's leave of absence and is engaged in landscape work with headquarters at Boston, Massachusetts.

Harry N. Benkert and Robert D. Scheider '12 have been appointed to the staff of the Civil Engineering Department this year. Benkert graduated from Swarthmore College in 1901, and has had teaching experience both in Swarthmore and in Drexel Institute. In the latter institution he was in charge of the Department of Civil Engineering from 1909 to 1918, resigning to engage in engineering practice. Benkert has had a variety of practical experience in civil engineering work, including structural engineering, sewerage, and highway work.

Robert D. Scheider graduated from Penn State in 1912, and since graduation has taken some special work in educational subjects during the Summer Session.

Professor Walker attended the convention of the Society for the Promotion of Engineering Education, at the University of Illinois during the latter part of last June.

Will Sing Here



ANNA CASE

Anna Case, famous soprano, will visit Penn State next Saturday, October fourteenth, when she will sing in the Auditorium as the first number on the season's Y. M. C. A. Entertainment Course.

For many years Anna Case has been a member of the Metropolitan Opera Company and has appeared widely on concert stages throughout the United States and Canada. She has acted as leading figure in many of the well known operas such as "Tales of Hoffmann" and "Carmen".

WATER COLOR EXHIBIT IN FINE ARTS MUSEUM

Former Faculty Member of School of Engineering Included in List of Notable Painters

A collection of eighty watercolors, the work of present day artists, will be on exhibition in the gallery of the Fine Arts Museum in Old Main, from October tenth to November fifth. This group of paintings was selected from the annual exhibition of the New York Water Color Society, and is being brought to the college by the Department of Architecture.

The exhibition will include paintings by artists of reputation and recognized ability. Among these artists may be mentioned Horatio Walker, the painter of Canadian landscapes; John Carlson, painter of winter scenes in the Adirondack mountains; Paul Dougherty, an artist known for his marine paintings of the coast of Maine; Jane Peterson, William Gruppe, Collin Campbell, Cooper and Charles Warren Eaton who are already known to the art lovers of State College, having been represented by exhibitions of former years.

Former Faculty Member Exhibits
A former member of the faculty of the School of Engineering, Arthur M. Emerson, is represented by a charming watercolor of the Hudson river. After leaving college two years ago Mr. Emerson opened a studio in New York city, and has been exhibiting in the various art showings there.

The museum will be opened daily from eight-thirty in the morning to four thirty in the afternoon except Saturday afternoons, when the gallery is closed to visitors. The gallery will also be open on Sunday afternoons while the watercolors are on display at the college.

FRESHMAN FORESTERS WILL BE GIVEN OUTDOOR RECEPTION

The annual freshman feed and reception tendered to the freshman foresters by the Penn State Forestry Club will be held in the wood lot back of the Forestry building, next Tuesday evening at seven p. m.

AGRONOMISTS ATTEMPT WHEAT IMPROVEMENT

A campaign for the production of better grades of wheat in Pennsylvania will be conducted by the Agronomy Department under the direction of H. P. Musser, a former employee of the Department of Agricultural Education, who has been recently obtained by the college for its extension work.

Mr. Musser will acquaint the farmers with the different factors, such as moisture, Anjoumois Moth and garlic, that tend to lower the grade of wheat. Samples will be taken in the various wheat producing counties and tests made to determine the conditions that must be combated in each locality. The farmers will then be informed of the best means of combating these conditions through lectures and practical demonstrations.

The importance of this work can be seen from the fact that an outbreak of garlic in Chester County recently brought down the price of wheat on the market by twenty cents a bushel. The work that Mr. Musser will carry on will eliminate such losses to the farmers.

STOCK-JUDGING TEAM WINS CUP THIRD TIME

The large silver trophy which has been on exhibition at the Fashion Shop is the symbol of another Penn State championship. For the third consecutive year the Penn State stock judging team took first place at the Eastern States Exposition at Springfield, Massachusetts, in competition with teams from eastern colleges and Canada.

In the judging of sheep and cattle classes the Nittany team excelled. The high scorer for the Penn State team was Albert Lent, Jr., of Towanda, who was also the third highest man in the entire contest.

The dairy judging contest was won by Massachusetts, with Pennsylvania placing ninth. A third contest in which dairy products were judged, was also won by a Massachusetts team.

HIBSHMAN TO ADDRESS ICE CREAM CONVENTION

E. K. Hibshman of the administrative offices will address the members of the Pennsylvania Ice Cream Manufacturers Association at their annual meeting at Penn-Harris Hotel, Harrisburg on October tenth. The subject of Mr. Hibshman's address will be, Penn State's service to Agriculture.

The increased importance of the Ice Cream Industry has created opportunities for properly trained college graduates to supervise production and carry on investigation. From the standpoint of volume of production and consumption of this delicacy, Pennsylvania is the leading state in the union. The amount of production ranges annually in the neighborhood of twenty million gallons having a wholesale value in excess of twenty-five million dollars.

The Department of Dairy Husbandry under the direction of Professor Coules is conducting considerable research in an effort to master some of the technical problems of ice cream manufacture. The field of research in this branch of Dairy manufacturing has been untouched until recent years and many important problems of technology await solution.

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GLEE CLUB HAS HIGH HOPES FOR GOOD YEAR

Will Provide Most of Music for Pennsylvania Day Concert on November Eleventh

Penn State's Glee Club, under the able direction of its new leader, Richard W. Grant, has already begun to give evidence of becoming an organization which will equal the best of former years. At present the new men who have been admitted to the club through the recent trials are receiving necessary instruction to prepare them for the final trials to be held a week or two hence, at which time permanent members will be selected from among the candidates.

Of the new men, the tenors have given Professor Grant especial gratification, since this department of the club has always been a hard one to satisfactorily fill. Now that good tenors are in considerable numbers, it is expected that the strength of the organization will be increased perceptibly.

The varsity quartet is as follows:
First Tenor, D. V. Bauder '24
Second Tenor, C. E. Finley '24
First Bass, P. W. Moore '23
Second Bass, E. G. Hill '23

It will appear at many of the cities in which "Trexxy" will speak on behalf of Penn State.

Pennsylvania Day Program
The Glee Club is also beginning to lay plans for the annual Pennsylvania Day concert, to be given Saturday evening, November eleventh. Contrary to the past custom of employing an outside soloist to assist in offering an entertainment for Pennsylvania Day, the Glee Club and Varsity Quartette will provide the entire program. This is in response to many requests from alumni and friends.

Plan for Trips
As usual, the songsters will take several trips this year, and they will no doubt maintain the high reputation that they have built up in former years, when they have done much in making Penn State's name well and favorably known. In fact, it has been stated that, next to the football team, the Glee Club

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has had more influence than any other student organization of the college, in bringing Penn State's name before the public. Plans are practically complete for the trip to be taken during the Christmas vacation, which will last a week or ten days, while several other trips await the approval of the college authorities.

Intercollegiate Glee Club Contest
The Club is already preparing numbers for the annual intercollegiate glee club competition which takes place in New York City early next March. Although Penn State has never as yet worn the appearance of these belts will add vastly to the appearance of the regiment and the prestige of the cadet officers.

GOVERNMENT AUTHORIZES SAM BROWN FOR CADET OFFICERS
The cadet officers will wear Sam Brown belts this year. This action has been authorized by the government. They will differ from those of the regular army in so far that they are bronze trimmed instead of brass trimmed. The appearance of these belts will add vastly to the appearance of the regiment and the prestige of the cadet officers.

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