

DELAWARE COLLEGE REVIEW

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Kiwanis Club to Visit College

Local Kiwanians to Entertain in Old College

On the invitation of Mr. A. G. Wilkinson, the Kiwanis Club of Wilmington, will visit Delaware College tonight and banquet in the Commons. The Kiwanians and their wives will arrive at the B. & O. station at 6.55 p. m. in special cars provided by the railroad company. They will return over the same railroad on the train leaving Newark at 9.56 p. m.

Dinner will be served at 7.15 p. m. An address of welcome will be delivered by Dr. Walter Hulihan and Everett C. Johnson, Esq., Secretary of State and President of the Alumni Association, will be a speaker of the evening. The Del-



MR. A. G. WILKINSON
Largely responsible for the Kiwanians'
Banquet in Old College, tonight.

aware College Orchestra will be out in full force to assist in entertaining the guests. Besides, a very attractive program has been prepared which includes solos by Miss Graybill and Mrs. J. Pearce Cann. The Delaware College quartet will render selections and the "Danse Orientale" by "Kyra" will be an attraction. It is understood that one or two other amusing stunts will be fitted in during the evening. Community singing will be conducted by Kiwanian Guy R. Ford.

Recently, several get-together meetings have been held by local Kiwanians, consisting of George L. Townsend, Jr., H. L. Bonham, W. E. Holton, Louis Klee, J. Wirt Willis and A. G. Wilkinson.

Calendar

Thursday, January 13

7 P. M.—Meeting of Wolf Chemical Club. Old College.

8 P. M.—Basketball, College Gym. Carnegie Tech vs. Delaware.

Friday, January 14

7 P. M.—Basketball, College Gym. St. John's vs. Delaware.

Saturday, January 15

7 P. M.—Basketball, College Gym. George Washington U. vs. Delaware.

8 P. M.—Dunworth Walker—Artist Series—Magic, Etc.

Tuesday, January 18

College Battalion parades at Inauguration.

INDOOR TRACK PROSPECTS GOOD

Workout Every Day on Depot Road Under Coach LeCato

Prospect for a successful indoor track season are excellent. Last year the track had a successful season, winning all its scheduled meets, "one." The relay team composed of Pitman, Tebo, Lilly and Harmer defeated George Washington University team in an invitation medley race held at the Johns Hopkins University.

An ambitious schedule has been prepared this year by "Hustler" Waples and with several trips as an incentive the candidates should start training immediately. It is rumored that Coach LeCato is about to issue a non-smoking edict so all the boys are gradually cutting out the "Fats" and the "Humps."

These meets are definitely scheduled:

Jan. 29—Trenton Indoor Meet.

Feb. 12—Newark, N. J., Indoor Meet.

In all probability there will be a medley relay team in each meet, with a few individual entries.

Coach LeCato has instituted weekly tryouts. The first were held last Thursday, resulting as follows: 1st, Pitman; 2nd, Harmer; 3rd, Lilly; 4th, Middleton. The distance was 220 yds. From all appearances the most logical candidates for positions on the relay team are as follows:

1 Mile—Booth, Wilson, Christfield.

½ Mile—Harmer, Buntin, J. W. McMullen.

¼ Mile—Smith, Fouracre, Tebo, Repp.

220 Yds.—Pitman, Tebo, Middleton.

New Sophomore Society Formed

On Thursday, January 6, the "Blue Lantern," a newly organized, honorary, Sophomore Society, held its first regular meeting for the purpose of organizing and electing officers. The men selected for officers were as follows: President, Humes Grier; Secretary and Treasurer, W. D. Robinson.

The main purpose of the society is to promote "friendly rivalry between the two lower classes" and to do away with the antagonistic spirit which has prevailed for at least the past two years. Heretofore, the Freshman has had nothing to look forward to when he becomes a Sophomore, but it is now planned that in the spring of each year twenty men from the Freshman class will be elected "upon their merit," to be members of the society for the following year.

The society has a small tentative social program, which will endeavor to arouse life in the second year, which is usually "dead." The society will aid in carrying out the true purpose of the "Sophs" in regard to Freshmen; that of instilling in them "True Delaware Spirit."

WELCOME! KIWANIAN

The Student Body of Delaware College takes this opportunity of welcoming the Kiwanis Club of Wilmington to Delaware College.

We are glad to know that the College has the support of this representative Wilmington Club which has it in its power to greatly assist the future of the Colleges at Newark.

Come Again!

JUNIOR PROM TO BE GILT-EDGED AFFAIR

Tickets to be at a Premium

Plans for the "Junior Prom" are perfected and the sale of tickets is already on. The "Prom" will be held in the Ball Room of the Hotel du Pont on Friday evening February 4. Dancing will be from nine until two.

As the admissions will be limited to one hundred and fifty couples it is expected that the sale of tickets will be a quick one. Alumni are requested to secure tickets from Leland Hurff, Room 204, Harter Hall; or from any other responsible-looking Junior; Seniors may obtain tickets from Bob Challenger; Juniors from Milton Draper, and Freshmen and Sophomores from Oliver Goffigon. Admission price is a quintet of iron men—a paltry tax to be sure.

The frolic promises to be classier than any preceding Junior extravaganza. Sound waves, with Rehoboth interpretations, will be furnished by Madden's toe-teasing artisans. There will be a dormant spell during which nutrition in solid and 3.75 form will be passed round for the hungry men and diffident ladies.

Improvements to Gymnasium

During the last week, extensive improvements have been made to the interior of the gymnasium. An additional staircase has been placed at the left of the entrance which will greatly facilitate the emptying of the building. In addition, a set of portable stands to be placed in the running track has been provided. The interior has also been freshly painted.

These improvements will, no doubt, add greatly to the comfort and convenience of the basketball devotees.

Prize Writing Contest

Plans are being formulated by the Review Board for a competitive writing contest to be conducted within the Student Body. The exact nature of the writing has not been determined but it is likely that it will take the form of a constructive criticism of the College. Exact details as to the subject matter, manner of treatment, and prize to be offered, will be made known after the Mid-Year Examinations.

MORE RESPONSIBILITY FOR THE STUDENT

Joseph W. Richards, of Lehigh Proposes Radical Change in Method of Teaching

Taken from Chemical and Metallurgical Engineering.

"... care being taken to convey instruction in such a shape as not to make it compulsory on them to learn; because no trace of slavery ought to mix with the studies of the freeborn man."—PLATO.

American institutions of higher learning are conducted entirely too much on the kindergarten plan and far too little on the principle of letting students work of their own volition. In the primary, secondary and grammar schools the hapless student is the object of a rigid system of "must," which leaves him no alternative but to work his hardest at the task imposed. In the high school things are much the same; lessons are assigned in a textbook, recitations are the principal exercise in the class room, and a rigid system of scoring absences insures that no student can be absent more than a specified number of times without being disciplined.

Our colleges, technical schools and universities continue this mechanical forcing of the student to his work. Every day has its appointed tasks, every hour is full of responsible duties, every precaution is taken that the student do at least the minimum amount of work before being passed for graduation. In fact, his teachers largely take upon themselves the burden of making him work; if a goodly proportion of the class does not attain the pitiful minimum of 60 per cent, the teacher's conscience begins to hurt him—he has not made them work hard enough.

Under these conditions, which prevail quite generally, what opportunity has the student to learn his own responsibility to keep himself at work? With no option but to attend and grind how can he feel any right sense of the great opportunities which are his? He is forced to do what he ought to be happy to do of his own volition. (Continued on Page Four)

Battalion to Parade at Inauguration

An official report has been received by Dr. Hulihan to the effect that Delaware College Battalion will be expected to parade at Dover on the occasion of the inauguration of Governor-elect Denny on Tuesday, January 18. Although detailed plans have not been announced as yet, it is the general opinion that a special car will be chartered from the railroad officials for the trip. All classes will be dispensed with for the day and every student will be expected to report in proper uniform at the designated time. Unfortunately the College band has not been organized and, as a result, the citizens of Dover will miss a big treat.

The Captains of the respective companies are busy whipping their men into some sort of shape, and intensive training is the by-word during drill periods. Everyone who can carry a gun is needed so that the Battalion can make a good showing "down-State."

Delaware Drops Two on Trip

Rutgers and Stevens too much for Blue and Gold

Delaware's northern trip resulted disastrously for the Blue and Gold when considered from the standpoint of games won and lost. Rutgers, runner-up of last year's national championship, defeated the Delaware quintet by a score of 45 to 24, while Stevens, the pride of Hoboken, managed to win 35 to 25. Considered from the side of our own squad, however, the defeats were not so ignominious as they may seem.

Delaware got off to a good start in the Rutgers game and for a long time it was nip and tuck. The northern idea of basketball, however, permits of at least three steps, one hop, and then a jump, and the New Brunswick basketballers were taking full advantage of this allowance. Delaware floor men, not trained to cross-country, could not help with their share of the guarding and Rutgers pulled slowly away. The first half ended 21 to 15 in favor of the Scarlet. Between halves, Rutgers evidently decided that the rule in regards to running was too stringent; consequently (Continued on Page Four)

New Local Fraternity Formed at Delaware

A petition for the organization of the local fraternity, Gamma Delta Rho, has recently been approved by the faculty. Delaware College in the past few years has been advancing rapidly in every phase of its activities excepting the number of its fraternities. There have been four fraternities for the past eight years. When the fourth fraternity was organized there was an enrollment of about 200 students. Now there is an enrollment of over 300. Numerous colleges with not nearly so many students have twice as many fraternities.

For almost a year several upper-classmen have been considering the matter of organizing another fraternity. They felt that there was room for one and in fact a need for one. As a result of this feeling, meetings were held and the Gamma Delta Rho Fraternity was formed. Although it was not the intention of the founders to keep this matter a secret, it was necessary to obtain the recognition of the faculty before announcing the existence of the fraternity. This action was delayed by the cancellation of the regular November meeting of the faculty.

Although the two organizations came into existence at almost the same time, it is understood that the Gamma Delta Rho Fraternity is not connected in any way with the newly organized Sophomore Non-Fraternity Club.

The fraternity considers itself fortunate in having as Frates in Facultate, Dr. C. L. Miller and Prof. R. B. Harris. The members of the fraternity have secured as a chapter house the property formerly occupied by Mr. T. T. Martin. It is expected that they will acquire possession of their new quarters on Depot Road sometime this week.

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Member of the Intercollegiate Newspaper Association.

WEDNESDAY, JANUARY 12, 1921

Mid-Years

We are approaching another mile stone of our life at Delaware College—mid-years. At this time it would not be out of place for us to stop a moment and to take a mental inventory of ourselves in order to determine whether the past term represents a loss or gain to us. Have we made the most of our time here? Are we carrying out our good resolutions which we so confidently made at the beginning of the year? Has Delaware College proven to be the benefit to us that we expected, and in return have we done our best to better conditions around College? These are but a few of the questions we might ask ourselves, but if they can be answered satisfactorily we may feel safe in saying the term is indeed a gain.

Although the first two are important in themselves, and should by no means be overlooked, it is the last question which should be stressed. If we have not received the benefit which we expected to gain from Delaware College, can the fault be laid in the College or is it in ourselves? If we have not done our best to make Delaware College a better place in which to live and study are we not falling below the standard set by our old "grads"? It has often been said that the students make the college. Are we doing all in our power to make Delaware what it should be? The future of the College is in our hands and it is up to us to see that the future far exceeds anything which lies in the past.

When things do not go just as we would have them we are often prone to become discouraged and to indulge in the old and time-worn practice of knocking. At the same time, we do not stop to think that it is often the knocker who is responsible for the existing conditions. Let's start with the new term and if necessary change our habits just a little so that at the end of another term there will be no doubt in our minds as to whether or not it represents a gain.

Chapel Again

For some time the interest in chapel has been gradually declining until now we find only a handful of students in their seats when the "College Hour" begins. The system of holding the two meetings each week proved successful as long as a regular program was prepared, but on occasions when those in charge have been unable to secure a speaker, the attendance has been small indeed.

This should not be the case. The "College Hour" is the only time when all of the students of the College are drawn together. It is the one common interest for Fresh-

man and Senior alike, that is required in the college course. Next term, we understand that the number of meetings has been changed to one hour per week. Surely other lessons do not interfere so seriously as to prevent our attending this one hour.

Dr. Miller and his assistants have a thankless job at best, and the least we should do is to lend the aid of our presence at the meetings. If the program as it now stands is not of the type to interest the students, we feel sure that any suggestions for improvements will be welcomed and, if practical, will be put into effect. Probably more outside speakers would help matters, or else more frequent musical programs by our justly celebrated orchestra. Let's hear some suggestions and then let's go to chapel once more to see how the suggestions work out.

ALUMNI NEWS

Terry Mitchell, '18, R. P. Kite, '20, and E. H. Kennedy, '20, all taking post-graduate work at M. I. T., stopped off in Newark during their Christmas holidays.

At the organization meeting of the New York Alumni Association, the following officers were elected to serve during the coming year: President, J. D. Truxton, '04; Vice President, C. C. Cooper, '02; Secretary-Treasurer, A. H. Dean, '14; Assistant Secretary-Treasurer, I. Reynolds, '17; Executive Committee, the above officers and C. P. Messick, '07, T. R. Wolf, '01, W. R. M. Wharton, '03.

It is planned to have a club room some where in New York where Delaware College men can meet. This will be arranged in the near future. After hearing Dr. Hullihen express his views on the subject, the Club went on record as being unanimously in favor of a change in name for Delaware from Delaware College to the University of Delaware.

The following men were present at the meeting: Judge B. B. Smith, '22; W. C. Wilson, '95; G. G. Henry, '97; H. Green, '99; L. B. Cheney, '01; T. R. Wolf, '01; C. C. Cooper, '02; J. H. Mitchell, '03; W. R. M. Wharton, '03; F. Schabinger, '04; O. C. Short, '04; J. D. Truxton, '04; O. P. Hewes, '06; E. F. Warrington, '07; C. P. Messick, '07; J. B. Taylor, '08; W. A. Reynolds, '12; C. S. Lenderman, '13; A. H. Dean, '14; S. M. Shallers, '14; D. L. Crockett, '18; A. K. Mearns, '15; I. Reynolds, '17; W. E. Barnard, '20; C. I. Wright, ex.

Plans are now on foot to revive the Alumni Chapter at Pittsburgh.

Several years ago this chapter was the most active of all the alumni organizations of the College and it is with great satisfaction that its revival is noted.

Herman J. Little, '15, of the South Penn Oil Co., of Mannington, West Virginia, and Lt. Robert H. Pepper, '17, of the U. S. Marines at Quantico, Virginia, were among those who witnessed the opening of the basketball season with Union.

J. Alexander Crothers, '16 Engineer in charge of the Municipal Wharf of Wilmington, Delaware, has recently begun work on the construction of the sorting and distribution sheds and storage houses erected by the Harbor Commission.

G. O. Smith, '16, has recently been appointed a member of the faculty of the University of Maryland, at College Park, Maryland. He began his new work on the first of December in the capacity of Professor of Animal Husbandry.

George Morgan, 1874, has been re-elected Historian of the Phila-

delphia Section of the Sons of Delaware. Mr. Morgan has always taken an active interest in the College and has been largely instrumental in having the annual outing of the society to be held at Delaware College.

Robert B. Wolf, son of Dr. Theodore Wolf and a graduate of Delaware College, has attained prominence in the field of Industrial Engineering especially with regards to the relations between Capital and Labor. He recently led the discussion on "The Change

From Two Shift to Three Shift Day In the Steel Industry" at the Engineers Club in Philadelphia. He was also called upon to lead a similar discussion at a joint meeting of the A. S. M. E. and the A. I. E. E. held in New York City on December 3rd. Mr. Wolf resides at No. 1 West 64th Street, New York City.

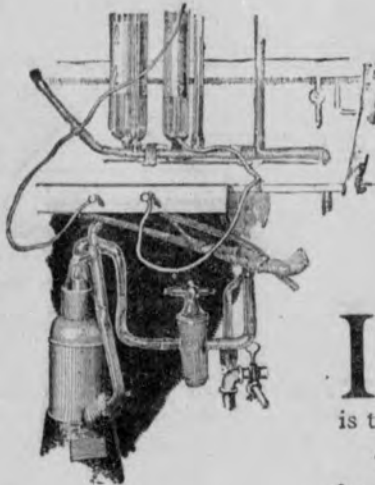
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What Is Vacuum?

IF THE traffic policeman did not hold up his hand and control the automobiles and wagons and people there would be collisions, confusion, and but little progress in any direction. His business is to *direct*.

The physicist who tries to obtain a vacuum that is nearly perfect has a problem somewhat like that of the traffic policeman. Air is composed of molecules—billions and billions of them flying about in all directions and often colliding. The physicist's pump is designed to make the molecules travel in one direction—out through the exhaust. The molecules are much too small to be seen even with a microscope, but the pump jogs them along and at least starts them in the right direction.

A perfect vacuum would be one in which there is not a single free molecule.

For over forty years scientists have been trying to pump and jog and herd more molecules out of vessels. There are still in the best vacuum obtainable more molecules per cubic centimeter than there are people in the world, in other words, about two billion. Whenever a new jogging device is invented, it becomes possible to eject a few million more molecules.

The Research Laboratories of the General Electric Company have spent years in trying to drive more and more molecules of air from containers. The chief purpose has been to study the effects obtained, as, for example, the boiling away of metals in a vacuum.

This investigation of high vacua had unexpected results. It became possible to make better X-ray tubes—better because the X-rays could be controlled; to make the electron tubes now so essential in long-range wireless communication more efficient and trustworthy; and to develop an entirely new type of incandescent lamp, one which is filled with a gas and which gives more light than any of the older lamps.

No one can foretell what will be the outcome of research in pure science. New knowledge, new ideas inevitably are gained. And sooner or later this new knowledge, these new ideas find a practical application. For this reason the primary purpose of the Research Laboratories of the General Electric Company is the broadening of human knowledge.

General Electric
General Office Company Schenectady, N. Y.

REVIEW RUST

Rather Un-Common

Stude—"Hey, Mr. Head-waiter, where is the Dietitian?"
Mr. H.—"She went out for lunch!"

Who remembers the time when women smoked because they thought it was naughty?

Co-Ed—"Pretty cap Frank is wearing, isn't it?"

Co-Edward—"Yes, it's in season, too."

Co-Ed—"How do you figure that?"

Co-Edward—"It's salt and pepper."

Stranger—"Does Goffigon live here?"

Miss Pie—"Yes, bring him in."

Owing to the fact that large quantities of oxy-gin, hydro-gin, nitro-gin, red-dye and several bottles of se-rum have been found in various cache's in Wolf Hall, it has been decided by the Young Men's Spiritual Club that the name of Delaware College will be changed to "Distillery University."

News item:—F. Bayard Carter spent the Christmas holidays in Paris. G. Gray Carter spent the Christmas holidays in plaster of Paris.

Ag Department Gives Annual Short Course

Very little time was lost by the Agricultural Department during the Christmas holidays. From December 27 to January 1, a Junior Short Course was given under the direction of Dean C. A. McCue for the boys and girls of the State. All those who reported for the course were community champions in either home making, field crop, or livestock club work for the past year.

The program for the week did not allow the time to drag. Each day was taken up with exercises in the gymnasium and practical lectures. Special movies were given at Wolf Hall at night.

It is interesting to note that fifty-three of the seventy-five present signified their intention of attending college and still more interesting to learn that forty-seven of these enthusiastic youngster expect to enter Delaware College or the Women's College of Delaware.

On Thursday, the thirtieth, the State Corn Show was held at Wolf Hall, after which dinner was served in Old College. Those present at the dinner included members of the Delaware Holstein-Friesian Association, the State Veterinarians' Association and the Executive Committee of the N. C. Farm Bureau.

Sixteen Letter Men and Holders of 9 College Records return; Coach LeCato Optimistic

The active indoor season which has been planned will serve as a workout for the coming outdoor season.

In the hundred yard dash Coach LeCato has "Varsity" Pitman and "Varsity" Tebo, Haynes, "Doc" Steel, Muncy Keith and Carl Wise. In the 220 yard dash there is Pitman, Tebo, "Reds" McMullen and "Doc" Steel. There is an abundance of candidates for the 440 yard dash, Tebo, Pitman, Harmer, Smith, "Red" McMullen, Bugless, Repp, Jones, Fouracre,

Bunten, Schafer and Lilly. Half-milers are Lilly, Harmer, Bunten, Booth, Woodrow and "Pat" Hoey. As a nucleus for the mile there is Wilson and Christfield, along with Booth, "Pat" Hoey, Waples, Cooch and "Reds" McMullen. Two-milers are Booth, Wilson, Christfield, Cooch and "Reds" McMullen.

In the field events Delaware is strong, with the following letter men, Gray Carter, McDonnell, Alexander, "Spues" Humphreys, "Buddy" Harper and Harmer. The men expected to make good are "Tarzan" Betzmer, Gunlack, Middleton and Johnson.

Delaware's weakest event is the hurdles, not since the day of "Davy" Crockett has the Blue and Gold had an extraordinary hurdler, with the exception of "Cliff" Baron, brother of the National A. A. U. champion. "Dick" Mullen is the only letter man back, altho Coach "Jimmy" is figuring on making Elliot into a hurdler, along with Granville Robinson, Doc Steel and Middleton.

Intercollegiates

Ohio State—Ohio State University is about to become a year-round college and beginning next fall four terms a year will be the rule. This is one way of taking care of the increased enrollment.

California—The University of California has started the construction of a huge bowl which will seat more people than that of Yale, and will cost over \$600,000.

Lehigh—Some time ago psychological tests were conducted by professors of Lehigh on an experimental basis. The system of Biuet, a Frenchman, was employed, and the results were extremely satisfactory from the viewpoint of those in charge.

Yale—The Yale dining hall, the largest and most elaborate college eating headquarters in the United States, has been discontinued. The hall was opened in 1901, but has never gone thru a college year without loss. In previous years, this loss was divided proportionately among the undergraduates, but this year the student body seemed unwilling to support the efforts of the managerial administration of the hall, only 700 out of a required 1100 having signed up.

University of Mississippi—The University of Mississippi recently placed a ban on dancing. However, the students did not exactly heartily approve of the rule and proceeded to express their disgust by burning in effigy the Governor of the State who is chairman of the University board of trustees.

George Washington—George Washington University is to have a rifle club. The outlook is bright, inasmuch as there are several men who have had rifle experience. George Washington University will be represented in the Intercollegiate match by her new team.

Cornell—According to the Cornell Daily Sun, the new 1920 edition of "Who's Who in America," the standard reference work for biographical sketches of prominent Americans, lists the names of 105 members of the faculty of Cornell University. The departments of the University which have the greatest number of representatives are modern and classical languages, the College of

Agriculture, and the College of Mechanical Engineering.

Rochester—"Homeless Greeks" at the University of Rochester, or in other words, members of national fraternities having no chapters at that institution, have formed a club for the purpose of giving its members non-partisan status in university affairs.

Who Is the Unknown Poet?

Editor's Note—The poem printed below has been mysteriously received by the Editor. It evidences poetic ability on the part of the unknown author, and for that reason is printed as received.

The Call of the Sea

By "the Great Unknown"

I am listening, listening sea
For your clear call to me;
Wherever I may be
I can hear, hear the sea.

The seething, rolling, plunging
waves,
That sent sailors to their graves,
Are urging me to follow on—
And once more, to careless roam.

The white caps are breaking high,
Tossing their heads into the sky,
And wishing that I was nigh—
To force me to their bosom fly.

The great, grey masses rolling on
Touch the shores of every land,
And every breeze brings to me
The urging onward call of the sea.

Detective William J. Burns was defending to a reporter his policy of silence in a bank robbery case.

"Remember," said the famous detective, "the case of Judge Bryan. Judge Bryan, you know, had a number of hams stolen from his smokehouse. He missed them at once, but said nothing about his loss to anybody."

"A few days after the robbery, a neighbor hailed him and said:

"'Judge, I hear ye had some hams swiped the other night.'"

"'Yes, that's right,' said Judge Bryan, in a low, confidential tone, 'but don't tell anybody, George. You and I are the only ones who know anything about it.'"

"I wish I knew whether my next-door neighbor is going to plant a vegetable garden." "Why are you so anxious to know?" "Because if he is I needn't spend so much for chicken feed."—Baltimore American.

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CANDIES

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STORE

"Some Phases of Industrial Management."

By H. A. Piper, of du Pont Co., before the A. A. E., December 16, 1940.

Industrial management must be carried on in a scientific manner and is one of the primary functions of an engineer. The cycle of work goes from the doer to the director to the improver. Scientific industrial management is defined as anything that tends to eliminate inefficiency.

The three leading authorities on this new field are Frederick Winslow Taylor who was one of the original writers, Harrington Emerson, whose "Twelve Principles of Efficiency" are practically commandments, and Frank Gilbreth, who introduced the idea of Time Study.

The scientific manager studies an industry in the following manner. First the organization is studied from the viewpoint of *production*, or the commodity that the firm markets. Next in order named the *marketing* itself which is handled by the salesmen, advertisers, and technical sales department; the *accounting* or the handling of costs and bills; the *financing*, which includes the work of the treasurer and his committees; *auditing*, *credits*, and *trade acceptances*, and finally the *personal relations*. The last named includes social influences as plant committee work, bonus plans based on reduction of waste, and recreations, all of which teach the operator that he is not working for but rather with the company. Then the scientific manager studies in the same thorough manner the *personnel*, *equipment* and *standardization of conditions* in the company. He also analyzes the influences such as light, heat, ventilation, noise, space, dirt, and dust.

A strict record of details of operation should be kept in an office manual or in the case of a plant a "How" book. These volumes should be profusely indexed for ready reference.

Graphs have proved most valuable in conveying more definite information than any report or letter. The importance of the graph is truly unlimited in all scientific work. The chart method of teaching company organization is most efficient and essential, because each worker should realize his part in the whole functioning of the company and his channel of promotion. The graph works admirably in directors' meetings also.

Success in scientific management is dependent on details, being a live wire, and being able to get in contact with all kinds of men.

MORE RESPONSIBILITY FOR THE STUDENT

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and his better nature rebels at the compulsion. But his rebellious spirit finds no chance to realize its ideals; he is in the grip of the machine, he must do the work assigned and forced upon him, and he does it often with a discontented attitude, because he is made to do it.

What is the remedy? It is undoubtedly to put university students on their own responsibility, so that they can practice keeping themselves at their work. Do not

make them do anything; let them themselves do everything. You cannot teach a boy to use a knife without giving him one to use; he will probably cut himself in learning how, but give it to him you must. It is the same with the student's responsibility to bear his own burdens and to keep himself up to his work; the compulsion to work must be removed before the student can learn to take care of himself. Keep up the compulsion always, and you are robbing him of the chance to learn how to order and guide his own powers and his destiny; put the responsibility on him, and you are giving him the chance to learn to bear it.

The conclusion just stated may sound revolutionary and visionary to those so set in the old ways that they cannot see over the fences hedging in their narrow paths; but it works! Try it. Take no absences, hear no set recitations, stop treating university students like schoolboys who have to be made to work, and treat them like men who know what they are at college for and mean to get it.

Then eliminate the weaklings and the neglectful by occasional examinations, fairly given and carefully read and assessed. If a student shows that he has not been doing what he should and what he knew was expected from him, give him his medicine, drop him out after perhaps one warning; he has eliminated himself. This leaves in college the earnest and capable and the workers. They are all to whom the institution owes any obligation. Their work will progress better and more profitably by reason of

the elimination of the unfit.

It is no proper part of the duty of a university teacher to make a student work. Lead the horse to water, but you cannot make him drink; it is folly to try. Tell the student of his great opportunities, spread the feast before him, but do not try to force him to eat. By this policy it is possible to eliminate from our American colleges and universities the indifferent, the unwilling, the "deadwood" of our classes, and to confine our further efforts to the inquisitive, the willing, the seekers after knowledge, who will work as hard as anyone could wish, without any compulsion.

This is the teachers' as well as the students' paradise—a university where no compulsion exists and students bear themselves the responsibility of working, led by the helpful advice and sympathetic counsel of their co-workers—the teachers.

DELAWARE DROPS TWO ON TRIP

(Continued From Page One)

they decided to add two or three more steps for good measure. You can't cover a man who runs with the ball, or one who dribbles both hands with it, and the northern lads did both. In the second half they pulled slowly away and the score at the end of the game stood 45 to 24, Rutgers.

Benzoni, Boudinot, McCaughan and Alexander stood out as the prominent stars of the game. Benzoni and Boudinot each scored eight deuces while "Sank" drifted

seven through the hoop. "Aleck" played a good floor game and accounted for three two-pointers.

The Delaware-Stevens game was a fast, clean, wholesome game. Nip and tuck from start to finish, the added weight of a foul-shooter turned the balance in favor of the Hoboken lads and they emerged victors by a 35 to 25 score.

Delaware showed a marked improvement over her playing at New Brunswick. The long pass, made famous by "Bess" Carter and "Sank" McCaughan, bewildered the opposition and at half-time Delaware led 17 to 11. During the second half, however, Stevens diagnosed the play and the inexperience of the Blue and Gold told. McCaughan was covered and the long distance attack checked. Stevens came back fast in this half and came out on the happy end, avenging last year's defeat at Delaware.

Long Pass a Marvel

The long pass, introduced to Delaware by Shipley, brought long gasps of astonishment from the spectators. Time and time again the ball hurtled the whole length of the floor into the waiting hands of Sank McCaughan. Stevens was wild trying to stop this daring, spectacular, and yet effective play. As a means of quick scoring, the long pass cannot be beaten.

Delaware's need of a foul-shooter has never been more apparent than now. With the help of Gray Carter, Coach Shipley is trying to develop "Sank" McCaughan and "Frankie" Willis into fifteen-foot artists. Both men are showing good promise and in a week or so, Delaware should be sure of at least fifty per cent of her fouls.

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