

The Weekly Spectrum.

A. E. Minard

VOL. XII. NUMBER 14. NORTH DAKOTA AGRICULTURAL COLLEGE, TUESDAY, JANUARY 14, 1908.

PRICE 5 CENTS

Governor Burke

Will Speak on Lincoln's Birthday.

Governor Burke will speak to the A. C. students on Lincoln's birthday, Feb. 12, in the College Armory. Arrangements are being made to provide seats and chairs in the Armory for the occasion and there will be plenty of room and plenty of seats. Everybody is invited to be present.

ORATORICAL TROPHY.

Beautiful Prize to Winner of the State Oratorical.

Mr. J. F. O'Connor of Grand Forks has presented the State Oratorical League with a beautiful silver cup. This trophy is to become the property for one year of the institution winning the state contest. This should be a great incentive to the orators of the various colleges and will undoubtedly be striven for with much enthusiasm. The name of the winning orator will each year be engraved on the handsome cup. The following from the minutes of the executive board expresses the sentiments of the League:

North Dakota Inter-collegiate League of Oratory, in annual session.

While in session today the League was most pleasantly surprised by having presented to it a beautiful silver cup.

This silver trophy was the gift of Mr. J. F. O'Connor of Grand Forks, N. Dak., who for the past five years or more, has taken a deep interest and a very active part in the League's affairs. From the spring of 1903 when he tramped the streets at night posting placards for the contest, to the present day, he has ever been a worker for the League. And when, today, as Mr. O'Connor is about to leave College and the League is made the recipient of his hands of this magnificent trophy, it again feels deeply the manly spirit that has always characterized his relations with the League.

The O'Connor Oratorical Trophy is given to the League, that it may as he himself expresses it, "Help to fan into a blaze the slumbering fires of oratory."

The trophy is a great inspiration to the officers of the League and cannot help but be a similar inspiration to every aspirant in oratory.

On behalf of the League we most gracefully accept the trophy and most sincerely hope that it may serve the purpose in the mind of the donor. Signed:

Rex. E. Willard, Pres.
C. O. Lee, Vice Pres.
Frank Connelly, Sec.
Myron Leslie, Treas.

BASKETBALL SATURDAY.

Remember that the State Science School sends two teams against us next Saturday night. There will be two games; one between the boys and one between the girls. The teams are well matched and close games are promised. Come out and see the first games of the season. A small admission of twenty-five cents will be charged. The notice in another column is an error.

PROMOTION FOR MEINECKE.

Former Chief Draughtsman Appointed Assistant Superintendent—Has Been in Employment of Swift & Co. for Eight Years.

Under a flaring headline on the front page of the South St. Paul Daily Reporter appears the announcement that B. F. Meinecke, '99, of the mechanical engineering course in this institution, has recently been appointed assistant superintendent for the Swift & Co. plant at South St. Paul. Mr. Meinecke has for the past few years held the position of chief draughtsman for the same company and in this capacity has executed the designs and superintended the erection of some of the largest packing establishments in the world.

After graduating from the College, Mr. Meinecke accepted a position with the city engineer of Fargo, and later went to Swift & Co., South St. Paul, where he has remained for the past eight years. His advancement is a striking illustration of the effects of the solid foundation laid in attendance at the A. C. The followers of the Yellow and the Green wish Mr. Meinecke the greatest of success in his new position.

NEW YEAR'S GREETINGS.

Supt. Hoover of the Fargo city schools, was the speaker at the second regular weekly convocation of the term. He brought to the students short New Year's greetings from many of the prominent men of the country, among whom were Lyman Abbot, Elbert Hubbard, James Wilson, Wm. Jennings Bryan, Supt. Stockwell, and others. Following this the superintendent made a few well chosen remarks closing with congratulations to the A. C. students that they were being educated in an environment of real democracy and also on the fact they were living in the state of North Dakota.

INSTITUTES SUCCESSFUL.

Prof. Shepperd is in receipt of several letters from Supt. T. A. Hoverstad, who is at present personally conducting the farmers' institutes in this state. Mr. Hoverstad reports large and enthusiastic gatherings. While at Fessenden the institute party had the misfortune to run up against the health officers, who have closed the schools and prevented all public gatherings on account of an outbreak of smallpox. There were indications of a successful meeting at that place, farmers coming from as far as fifteen miles to attend.

VETERINARY ASSOCIATION.

The North Dakota Veterinary Association, of which Dr. Van Es is secretary, will hold its annual convention at the A. C. Jan. 14 and 15.

CLASSES EXCUSSED.

Students taking classes in horticulture, veterinary, agriculture and dairying will be excused Tuesday from 10 to 12, Wednesday afternoon, and Thursday all day, for the purpose of attending the Grain Growers' convention meetings at the Opera House.

STATE ORATORICAL.

The Executive Board Held an Important Meeting on Friday.

On Jan. 10 the Executive Board of the North Dakota Inter-Collegiate League of Oratory, met at the Waldorf, in annual session. Some items of general interest were taken up and discussed.

A communication from Wesley College stating their desire to withdraw from the League was read. The withdrawal of Wesley College was formally accepted.

The suggestion has been made that the orations winning first place and second place at the state contests should be published in book form. This matter was discussed and will come up before the local associations.

The League was most pleasantly surprised to receive from Mr. J. F. T. O'Connor of Grand Forks, an elegant Oratorical Trophy described in another column.

The matter of selecting judges for the state contest was undertaken and the judges recommended will be approved or protested by the local associations.

The meeting was characterized by general good feeling between the representatives and the best interests of the League were furthered in every manner possible.

ANOTHER STUDENT HEARD FROM.

The author of an article on "The Gasoline Engine on the Farm," we find to be Mr. J. F. Sprung, who completed the short course at the A. C. in 1901. On the strength of an essay written while at College on "The Plow," the John Deere Plow Co. offered him the position as plow expert, which he has successfully held since that time.

NOTICE.

A meeting of the local Oratorical Association was held January 9th, for the election of officers. Mr. P. J. Olson was elected president, and Mr. Miller treasurer. Owing to a misunderstanding it was found later that the election of the vice president and secretary was unconstitutional, and a second meeting will be called Tuesday at 12 o'clock to elect these officers.

MISS CHILDS SPOKE.

Miss Childs delivered an address before the Farmers' Institute at Mayville last Saturday. Her subject was "Domestic Science for the Home."

FULL UP.

All of the classes in the Domestic Department are filled up. Miss Childs says that the work is a great deal heavier this term than during the winter term of last year.

CLINICS.

Last Saturday Dr. Van Es performed an operation at the weekly veterinary clinics, for bone spavin on a horse. The latest method of cauterization was used, the doctor explaining in detail each step to the interested audience of students present.

MORE SPECIMENS.

The Department of Veterinary Science recently received through a friend of Dr. Van Es, fifty pathologic specimens and parasites, some of which are exceedingly

CONCERT.

Cadet Band Will Entertain the Grain Growers.

On Thursday evening, Jan. 16, from 7:30 to 8:30, the Cadet Band of the College will entertain the assembled Tri-State Grain and Stock Growers in the opera house previous to the technical session.

Program

1. Sutile Espagnol—"La Feria".....Lacome
I. La Toros.
II. La Lazuela.
2. Cornet Solo—Polka "The Trenier".....Llewellyn
... Prin. Mus. E. A. Horner. ...
3. Waltzes—From the opera "The Merry Widow"....Lehar
4. Euphonium Solo—Theme and Variation "Old Folks at Home".....Stewart
Peter Kulaas.
5. Selection Solo—From the opera "The Red Mill".Herbert
6. Trombone Solo—"The Padium Polka".....Simmons
Chief Muc. Ralph Mainwaring. .
Finale.

THE EXTENSION.

The Extension is an innovation launched by Prof. Weeks. It is in the form of a four-page sheet artistically arranged, edited and published monthly, at the North Dakota Agricultural College, by Prof. A. D. Weeks. The first issue, that of January, 1908, is out. It contains summaries of matters relating to agricultural education such as the scope of the college courses, the work of the farmers' institutes, bulletins, etc. Besides this there are several articles of practical interest to the farmers, one being the "Buying of Farm Machinery," by Instructor R. M. Dolve, of the A. C. This publication will be distributed free of charge throughout the state.

DR. HULT AT THE GRAND.

"The Rise and Development of Greek Tragedy" was the first of a series of lectures by Dr. Hult at the Grand. The address on Sunday evening was an excellent treatment of the subject. The drama represented among the Greeks the will of the people. A vivid picture of presentation of the drama was given. Religion is at the bottom of all Greek drama. The play was not so much for the entertainment as for the enlightenment and worship of the people. The presentation of all Greek drama was under the authority and control of the state.

The address was greatly appreciated by all who are interested in literature and the drama. Dr. Hult will again speak on a drama—Jeruphetaoi shrd etaoin n

SOMETHING SWELL.

In the days that are shortly to come, we shall see Drum Major Keeney at the head of the Cadet Band arrayed in a fine new full dress drum major's uniform, bear skin shake and all. Major Keeney's new uniform is a perfect masterpiece of the tailors' art and the Major is already getting ready to deal with the excessive numbers of proposals that the new "glad rags" are sure to bring upon him. The new "duds" will help to make the Major ornamental as well as useful and will, no doubt, add much to the appearance of the band on parade.

FARGO COLLEGE RECEPTION.

The formal opening of Dill Hall, Fargo College's new building, was the occasion of a public reception there last Saturday evening. The building was thrown open to the inspection of the admiring visitors and at 9 o'clock a short program of music and speeches was presented in the new gymnasium on the third floor. Dr. Batt represented the A. C., and his address referred particularly to the growing friendliness and better understanding existing between the two institutions.

Dean Keene, Prof. Sloeum and a number of the A. C. students were also among those present.

PRESIDENT WORST.

President Worst addressed the city Y. M. C. A. at their initial meeting in their new building last Sunday afternoon. His subject "Righteousness in Civil Life." The speech was in the president's usual lucid style, drawing many clear comparisons with European conditions. There were between 400 and 500 young men present.

HAVE A PICKLE.

The Dormitory girls are rejoicing over the arrival of a whole barrel of Dill pickles.

NEW RULES AT THE DORM.

A few new rules have been formulated for the Dormitory girls. Perhaps the most important one is that which limits their being out, to one evening a week, except by special permission, or in the case of events that would happen but once during the term. The girls are to be in bed and the lights out at 10:30. A regular calling day is also to be established.

MORE PRACTICAL.

The English department has initiated a modification of the grammar courses offered to the short course students. Several classes have been organized at each of three hours during the morning, and the plan is to grade the students according to their past training, also to do away with the teaching of technical grammar to a large extent and substitute practical composition work. It is hoped by this method that each student will be able to get the greatest good in the short time which they spend here.

Prof. G. says it is rather difficult to teach steam engineering, and at the same time watch two pretty girls peeping in the transom without laughing.

Among the new students of special interest who are attending school this term are Mr. Hogish of Strawville, N. D., and Mr. Poison of Greenville, N. D.

Most of the girls at the Dormitory are homesick. Cheer up, girls, it is leap year.

A PLAY ON NAMES.

Said a Miller to a Darling, "Come Over by my Morris Chair." Don't Talka Moore Work but Rub away the Dust and Crum and Cook a Shank today.

You say you Needham. Oh, Ueland me in the Bohnsack.

Some of the students seem to have great confidence in their registration cards, for one of them recently presented his to the conductor on a street car as a pass.

SOCIETY

Y. W. C. A.

Last Wednesday evening the regular midweek meeting was held in the Dormitory parlors, it being mission study evening. Miss Agnes Halland gave an interesting paper on "The Effect of Christianity on the Home Life of the African." The attendance showed a marked increase over that of last term and Miss Childs has now about forty girls in the class.

After the meeting the regular monthly cabinet meeting was held at which plans were discussed for the ensuing term.

The Y. W. C. A. is glad to announce that during the first week of school, twenty new members have been added to the roll, most of whom have joined as active members of the association. A most cordial invitation is extended to all College girls, new or old, to become Y. W. C. A. girls. Membership blanks have been distributed, but it is possible that some one may have been overlooked.

Wednesday evening, Jan. 15, the first devotional meeting of the year will be held at the Girl's Dormitory at 7:15. Miss Alma Leebly

will lead. Subject, "Resolutions For the New Year." All girls invited to attend. The meeting will close promptly at eight o'clock.

Athenian Program.

The Athenian Literary Society held the first meeting of the term Friday evening, Jan. 10. Despite the fact that there was so short a time for preparation a good program was rendered.

The first number was a vocal solo, "Till Death, I Love Thee," by Ross Babcock, '09, which was very well received. Ray Towle, '11, then read the selection "Dedication on Roast Pig." A declamation, "The Guardian Angel" by Ruby Gibbons followed.

The Athenian Orchestra then played a selection which was received with loud applause. The orchestra is composed of the following members: Ed. Horner, cornet; Frank Hilborn, trombone; Messrs. Ray Babcock, Carl Myhre, and Hendrickson, violins, and Miss Esther Evans, piano.

In his talk on current events Leroy Gifford, '11, chose as his subject "Prohibition in the United States," giving some very interesting facts. Locals were read by Florence Whitecomb after which Genevieve Holkesvig, '08, gave some valuable criticisms of the program. The program closed with another selection by the orchestra.

After a fifteen minute recess a short business session was held.

AGRICULTURAL CLUB.

The Aggies held their first meeting of the year Saturday evening in the Chapel. The meeting was opened by two selections by the male quartette consisting of Profs. McArdle and Beekwith and Messrs. Grout and Yerrington. As has always been the custom at the opening of the winter term, the principal part of the program consisted of an address by President Worst. He chose as his subject "Agricultural Education," and showed that if doctors and lawyers can spend several years studying the human body or the laws that man has made how much more chance the student of agriculture has for knowledge in the book of nature which is opened to him in the study of agriculture. Not only must the agriculturalist learn how to produce the highest grade of grain and stock but he must also know how to market that product. The President gave a very interesting description of how systematically the farmers of Holland managed their marketing of products and buying of fertilizers and seed grain. In short he said that the farmers of this country must learn to cooperate in securing the best prices for their products as well as in securing un-

iform prices for what they purchase, and the Agricultural Club is a good place to learn to conduct such meetings as will be needed to bring about the desired end.

Following the President's address, President Grout gave a short talk to the members of the Club, outlining the work for the term. Arrangements were made for holding the annual prize essay contest which is held under the auspices of the Club each year. About twenty-five new members joined the Club and signified their desire to take an active part in the meetings during the term.

Y. M. C. A.

The mid-week meeting took place as usual in the Music Hall on Wednesday evening. Dr. Bell acted as leader of the meeting, pointing out to the men present the great importance of selection. He used as an illustration the manner in which the lower animals, as the amoeba, push aside that which is not good, selecting only that which is best. A large attendance, the greater portion of which was composed of new students, listened to the address.

After a short intermission a business meeting was held. It was decided that a "stag" social would be given in the armory in the near future.

BOARD OF TRUSTEES

The college Board of Trustees held their first meeting of the year on Jan. 8th. Besides attending to the regular routine of business the Trustees inspected the new Engineering Building and the power house equipment. They also made arrangements to supply the demand for new teachers on account of the increase in the winter term attendance.

The members present were Geo. H. Hollister, B. N. Stone, James Radford, Clark W. Kelly, and L. M. Wallin.

The Board also made their monthly "inspection" of the Domestic Science department. Miss Childs handed them the report in courses. They swallowed it—but not whole.

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A SNAP.

Schedule student writing home: "I am getting educated lots. In the forenoon I learn to be a book-keeper and a veterinarian. In the afternoon I learn to be a carpenter three days and a blacksmith three days in the week. In the evening I learn to be a cornet player and a debater, and I don't have to study at all. Send Mike and Peter down at once. This is the place for a boy. Greetings to all." Jake.

S. M. To stranger) "Have you registered? What courses are you going to take?"

Stranger. "I am going to take up some studies in chemistry."

Herewith the S. M. sold him a subscription to the Spectrum. He was probably rather surprised when he found that the stranger was Prof. Wood.

Bright Student (To John T., getting on a street car). "Hello, John. Where have you been? In a Brown Study?"

Hatcher Bros. sell Insurance.

Several of the new girls at the dormitory got their trunks mixed! Horrible!

SERIOUSLY INJURED.

Mr. Lynch, the U. S. Food Inspector, was severely injured by a fall while leaving a street car, which resulted in disabling his ankle. Mr. Lynch has been confined in St. John's hospital since the accident but is reported to be recovering slowly.

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REPORT OF DEMONSTRATION FARMS.

Mr. Ernest Schollander has completed his annual report on the work of the twelve demonstration farms and it has been submitted to the governor for approval after which it will be published for distribution. The report includes the results of the field work and the soil analysis. This report should reveal some interesting facts in regard to scientific methods of farming.

The Big Events at the A. C.

The Professor's Predicament.
The Intercollegiate Debate.
The Cyclone (circus).

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THE EVERGLADES.

Much has been said of the Florida Everglades. A person often reads articles about them in the magazines, yet few people know what the Everglades really are. Every one knows where they are situated but if asked what kind of a country is contained in them, would probably say it was a timbered swamp or jungle.

The Everglades is a strip of country lying along the western part of the peninsula of Florida. On the maps it is usually indicated as beginning at the southern end of Lake Okeechobee and extending south to the Keys, a distance of about one hundred and fifty miles, and about forty-five miles wide. In reality it extends beyond Okeechobee to the north along the Kissisimee river to the head of the St. Johns. As the name indicates the Everglades is not covered with timber but is an open swamp. Glade is a word meaning "a clearing in the timber" or "an open place in a grassy pond."

When a person first sees the glades from the western side, say at the Bow Legs Landing, the impression he receives is that the glades are not very wonderful. But when one makes a trip across them to the other side he usually has a different opinion. Let us start with a boat from the Bow

Legs Landing and observe the country as we go. For about the first three miles there is saw grass about two feet high with an occasional pond of open water. Then the topography begins to change. About half of the glades are covered with open water and the rest with heavy saw grass which is sometimes eight or nine feet high. Toward the latter part of the dry season the grassy parts will all, or nearly all be dry, but during the summer, which is the rainy part of the year, it is hard to find a dry spot except on a hummock or island. The grassy places are usually called strands and the open strips of water are called leads. These leads and strands lie parallel to each other and have a general direction of a few points to the east of south but are more or less cut up, depending on the locality in which they lie. The country remains about the same until we are about eighteen miles into the glades. Occasionally there is a small island covered with willows, myrtles, custard apples, rubber trees, and other small timber. The water will be about two to three feet deep in the leads according to the season. The soil is between a peat and a muck and is from two to five feet deep. Underneath this there is coral limestone and usually a layer of white sand. In the water we find bonnets and flags everywhere

and if it is spring, the white and yellow blossoms make the leads look like flower gardens.

We have now reached the middle grounds. This is a big strand eight miles wide and of unknown length. Here we must leave our boat or swing to the south until we can miss the strand. On this strand we find nothing but small saw grass. The soil is firmer here than it is on the small strands. Once we have passed the middle grounds the country is much the same as it was on the west side, except that the water is deeper and the leads and strands are more clearly defined. After we have left the middle grounds four miles behind, we find the water four or five feet deep and in places even deeper. The saw grass is tall and very thick. The soil here is a muck. The islands are seen oftener than formerly and we find bushes scattered through the saw grass. As we go on, the myrtles become more numerous and when we are about four miles from the eastern edge, of the glades, we find myrtle strands. From here, on to the edge, we come to an island about every half mile. The last mile or two is mostly open, shallow water and is dotted with small cypress leads.

We have now crossed the glades proper, and have reached a strip of cypress swamp. After traveling for a mile through this we reach the pine and palmetto woods. From here is only about five or six miles to the Atlantic. P. J. F. '10.

Conscientious Student—"I have been absent from class."

Nice Professor—"I see, and what is the reason?"

C. S.—"I—, I—, Well, I forgot to come to class."

Nice Prof.—"Certainly that's all right that has happened lots of times to me."

NEW APPARATUS.

The Department of Biology has lately received a large invoice of new apparatus, including a number of new compound microscopes, a large autoclave for sterilization work in bacteriology and a new water distilling apparatus of very satisfactory performance. The department has also been provided, through the kindness of the manufacturers, with one Agos type of Babcock's centrifugal milk tester and one small Sharpless cream separator, the smallest effective machine made. In this machine

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Second Prep.—No. I got the nose bleed.

First Prep.—Can you always get that at just the right time?

Second Prep.—You bet. I always keep this spotted handkerchief in my pocket.

First Prep.—Great head. Wish I had thought of that.

FORMER PROF. PROMOTED

News has come to us that Prof. Stalling who but recently severed his connection with the A. C. to accept a position as first assistant chemist in the Georgia State laboratories, has been recently promoted to be chief chemist at a very handsome salary. Mr. Stallings assumed entire charge of the Georgia Food Laboratories on Jan. 1, 1908. Mr. Nichols who left us last week will succeed Prof. Stallings as first assistant.

The Hub is the store for College boys. Moorhead.

The class in topography has more trouble locating the chairs in the drawing room than anything else.

The Christmas number of the Blue and Gold, published by the students of Fargo College, is a special issue, and reflects much credit upon its publishers.

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Lawyer

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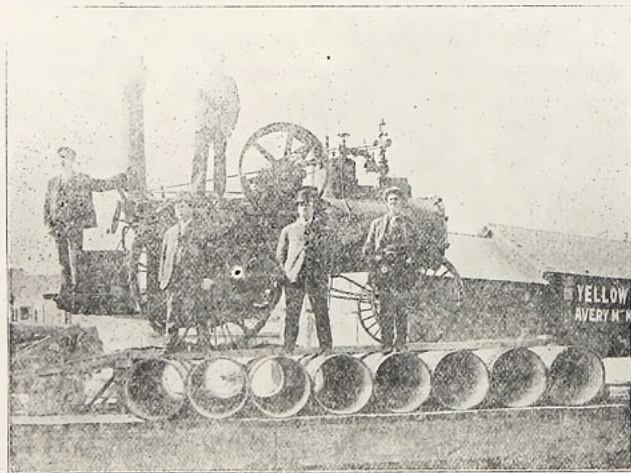
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The Weekly Spectrum

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W. P. Heath.....Publisher

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Nan Childs.
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S. V. Anderson.
Kathryn Grest.

AT THE LIBRARY.

Few people know, or at least stop to think of the use of a public library. Practice is the best teacher for the thoughtful student, but a few hints may be of assistance to those in a hurry and unfamiliar with the use of the library.

Poole's index is a valuable assistant in doing reference work. This is found in nearly every library and when information is desired on any subject references will generally be found directing to the various periodicals.

The Congressional records and the revised codes and other public documents are to be found on the shelves for the use of the student.

All volumes of history, science, fiction, etc., are catalogued in alphabetical order. When desiring a certain book, look in the card catalogue for the number of the volume and the book is quickly found.

Various encyclopedias, atlases, and dictionaries are found in the reading room and should be used with care and returned to their proper places. These works may not be drawn from the library.

Many news papers and college exchanges are kept on file for the use of the students. These as well as the various bound volumes are for the use of the students, and if you are not a subscriber for a paper there is no excuse for not being up-to-date on the news of the day.

If you are looking for a certain subject in a volume do not read the whole book, but consult the index in the back. That is what the index is there for.



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If you cannot locate certain information, the librarian will cheerfully assist you.

AN OBJECT LESSON.

The first convocation of the winter term held a week ago in the Armory was a huge success, and no less than 575 students, by actual count, took advantage of the opportunity offered to hear President Worst speak. The lessons to be drawn from this first convocation of the year are, in the minds of the students, many and obvious.

In the first place it showed that the attendance was twice as large as the Chapel could ever hope to accommodate. Secondly, it proved that the acoustic properties of the new Armory are all that could be expected, and that a speaker can be heard distinctly in all parts of the building. Again, it showed that with 575 students present, the building has ample capacity for twice that number and could easily accommodate them. Of course the students were either compelled to stand or sit on the floor and this was the only drawback to the meeting.

Judging from the above conclusions, it would seem that the College would be justified in providing a thousand folding chairs and in holding regular convocation exercises every Monday during the winter term at least, in the Armory, instead of in the College Chapel. When not in use, the chairs could be folded and packed in a comparatively small compass at the ends of the long galleries up stairs. Of course, it would take money to purchase the chairs and the labor of arranging them, but would it not be worth while?

The students in agriculture may get excused from class to attend the Grain Growers' Convention—but the engineers get their mathematics just the same.

College students may be boisterous, but we are sure that the Grain Growers would appreciate a little of the right kind of noise—on Thursday evening.

The man that doesn't subscribe for the College paper has about as much spirit as the man that calls it the "A. C. College."

Fargo College has completed a new building and is rejoicing. We have completed three and—done nothing.

NEW BOOKS.

The following is a list of books filed in the library since Dec. 10, 1907:

Elements of eGology, LeConte; The English Language and Its Grammar, Mead; Variation, Heredity and Evolution, Lock; Call of the Wild, London; Jane Eyre, Bronte; The Young Carthaginian, Henty; The Mill on the Floss, Eliot; The Heart of a Boy, Amicis; The Design and Construction of Dams, Weymann; The Individual, A Study of Life and Death, Shalar; Engineering for Land Drainage, Elliott; The Theory and Practice of Surveying, Johnson; Water Works Management and Maintenance, Hubard; Field System, Gilgret; Railroad Curves and Earth Works, Ellen; Railroad Location, Surveys and Estimates, Gavis; A Compend of Pharmacy, Stewart; Text Book of Organic Chemistry, Geffman and LeWall; Agricultural Bacteriology, Conn; The Arthurian Tales, Malory; Volsunq Saga; The Norse Discovery of America, Reeves; Popular Tales from the Norse, Dasent; Manual of Determinative Bacteriology, Chester; Play, Pleasans and Unpleasant, Shaw; Tautonic Mythology, Rydberg; The Heimsbringld,

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WRITE TO THE PRESIDENT FOR CIRCULARS AND CATALOGUE
WINTER SHORT COURSES BEGIN JANUARY 2.

Eaton and Powel; The Elder Edda and the Younger Edda; The Lion of St. Mary, Henty; Monsieur Beucaire, Tarkington; John Halifax, Gentleman, Meredith; Mrs. Wiggs of the Cabbage Patch, Hegan; The Ruling Passion, Van Dyke; The Colonies, Thwaites; The World Orations, 10 vols., Bryan; Westward Ho, Kingsley; Tale of Two Cities, and Sketches by Boz, Dickens; Prince and the Pauper, Clemens; Cloister and the Hearth, Reed; The Sky Pilot, Connor; Les Miserables, Hugo; Poland China Directory, Line.

THE DAKOTA BUSINESS COLLEGE.

Is rapidly coming to the front as one of the leading educational institutions of the state and is one of the best business colleges in the entire northwest. It has enrolled already over 400 pupils this year and placed about that number in excellent positions in 1907.

McGUIGAN ON MEDICINE.

In the January number of the Dietetic and Hygienic Gazette, published in New York, appears a masterly article on preventative medicine by Hugh McGuigan, now at Washington University, St. Louis. The article is an eloquent plea for a more scientific basis of training in the medical schools and shows its author to be well acquainted with the subject. Mr. McGuigan is a former student of the A. C. and will be remembered by some of the upper classmen as one of the brightest men in the institution.

It's the students who haven't much money who can't afford to be without a \$1 a month policy. They're the ones who "feel the pinch" when accident, quarantine or sickness comes to them and they depend on "money from home" to keep them going. Save 3 cents a day and be insured. Kick yourself when you slip and

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New Student (To Maj. Ulio). "Are you the feller they see about taking drill?"

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SPORTING

THE DUMBBELLS.

In a late issue of The Spectrum we discussed a form of gymnastic exercise known as the "Barbell Drill," taking up briefly its merits and popularity. Let us now give a few words of explanation to another popular, yet very simple, form of gymnasium exercise; namely that performed with "dumbbells."

This exercise is used very generally throughout the gymnastic world. The dumbbell is a very simple and inexpensive article and yet it is regarded by trained athletes as an indispensable part of muscle developing apparatus. There are, altogether, only twenty different motions and exercises with their variations making the exercises very easy to learn. While there are but a score of different exercises to be performed with the dumbbell, its use brings into play and gives proper development to every muscle of the body.

One of the best features about this form of exercise is that, instead of both the weak and the strong having to use apparatus of a certain weight, we may vary the size and weight of the dumbbell to accommodate each individual. As soon as we feel that sufficient time has been given to practice with the lighter dumbbells and that our strength has increased, we may use a heavier pair, until at last we find that our bodily strength is much improved and that we have been vastly benefited by the use of this simple apparatus. Not only strength but also agility and speed may be acquired by the use of dumbbells.

Another point in favor of dumbbell practice, is that they may be used with equal benefit in the gymnasium or at home. Many of our best business men believe in the use of the dumbbell in their rooms when time will not permit of a regular gymnastic training. If there is not a proficient trainer at hand, one may secure good instruction books, and by a little practice a fair knowledge of the dumbbell exercises may be easily acquired.

Where possible, if a dumbbell team can be trained to go through the different exercises similar to the company of soldiers at drill, a very entertaining performance can be given to an audience interested in athletics. This is an exercise for the weak or strong, the slow or the fast, the rich or the poor, in all cases, if properly used, bringing about the desired results.

GIRLS' ATHLETIC MEETING.

The Girls' Athletic Association held a brief business session last Wednesday afternoon, to discuss matters pertaining to financial affairs. Committees were appointed.

A. A. MEETING.

The first Athletic Association meeting of the winter term was held Friday, Jan. 10. Some important business was transacted including the first reading of the new rules governing athletics and drawn up by the joint committee of students and faculty last December. These rules have already been approved by the faculty. The meeting adjourned to meet again Friday, Jan. 17.

We have again started on the work of another term. It is the hope of our association to make this term an improvement over last fall in many ways. We are very much encouraged by the large number of students that are taking part in general athletics.

It is a great contrast to go to the gymnasium now and compare the number of girls and boys with the few that took part in athletics last year. There are now to be found, practicing basketball, from fifteen to twenty girls, and nearly as many boys. Thus practically two sets of teams are trained at the same time. Boxing, wrestling and other forms of gymnastics are occupying a few of the boys in another part of the "Gym." In fact one can hardly help noticing the improved atmosphere and harmony that prevails in our athletic headquarters at present.

It is very evident that athletics are becoming more popular at the A. C. than ever before as we notice the large crowds of interested boys and girls that throng the balconies of the Armory during drill and practice hours.

We are having added to our equipment from time to time different athletic apparatus. In due course of time we hope to have a thoroughly equipped "gym." that will accommodate the tastes and desires of all the students. As yet a much needed part of our gymnasium work, and one which we hope will be added as soon as arrangements can be made, is a place fixed for track work.

THAT OUTING.

Dear Editor: According to the item that appeared in the last issue of your worthy paper under the heading "10's to Hickson," it would seem as if you suffered seriously from your Christmas vacation or that your reporters got their wires badly crossed. That certain individuals within the Senior class would be quite willing to graduate with the present Sophomores, it quite apparent, but that will not justify your action in dubbing the entire class "10's."

There also seems to be some mystery connected with the alleged box of bon bons which the Seniors received from their friends in Fargo. According to authentic reports it is doubtful if C. A. Everhart would be willing to use them as samples of the ordinary output of his factory. The flavor did not seem to be recognized by the august Seniors for the agricultural student members of the class are yet pouring over voluminous texts in the department to determine what particular breed of dog would be made into that particular kind of sausage links. A mention of the word "cheese" to any of the class also seems to have a marked stimulating effect upon their salivary organs. Rumor also has it that a rotund lemon and a fat and juicy dill pickle were among the conspicuous "bon bons" in the box.

In spite of the questionable flavor of the "bon bons," the visit of the storklets to Hickson, which is said to be close to their original fledgling grounds, seems to have had nothing but salutary effect, and they have now emerged from the pin-feather stage as evidenced by their appearance in Chapel on Monday. Observer.

The class in economics is holding parliamentary sessions in the absence of Pres. Worst.

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BEEF TRUST WINS.

John McDonald, the College herdsman, had not sufficient backing and so lost out in his case against the beef trust last week. The case came up before his honor "Eminent Raleigh." The court room cleared immediately on hearing the court's decision and needless to say his honor is, in the minds of the public, a tool of the trusts.

The facts of the matter are that that Jersey "critter's" anterior portions collided so fiercely with John's afterward that the herdsman didn't stop to say "goodby," but left the stall head first.

Some students carry a great many books to school, but whether they read them or not is another question.

Some of the students delight in telling of the wonderful feats they performed while at home for vacation. It seems rather strange how some people's ability increases directly as the square of the distance from the scene of performance and the place of narration.

Wanted—by the chief reporter of The Spectrum—some one to report the Dormitory news. Can any gentleman fulfill this responsible position?

Mr. C. I. Guinness, of the Engineering Department, unwillingly masqueraded under the name of "Mr. McGinnis," at the Fargo College reception.

Under the new Dormitory rules the fire escape will come in handy.

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I, Wilfred Paul Heath, publisher trum, hereby swear that the above statement truly represents the circulation of The Weekly Spectrum for the week ending January the eleventh, 1908

(Signed) W. P. Heath.

Signed and sworn to before me this sixth day of January, 1908.

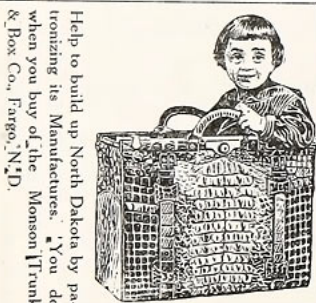
(Signed) Claude E. Nugent.

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Office Hours—3 to 9 and 11 to 12 a. m.; 1:30 to 2:30 and 3:30 to 5:30 p. m.

ANOTHER CHANCE FOR COLLEGE MEN.

Maj. Ulio is in receipt of a letter from the director of the Philippine Constabulary to the following effect:

Manila, P. I., Dec. 1, 1907.

Dear Sir:—

I am sending you half a dozen copies of a pamphlet giving information concerning the qualifications and duties of Constabulary office and I would be obliged to you if you could interest some of the young men at your institution in considering the constabulary as a future career.

The circular gives, I believe, all the information that is generally sought by applicants. There will probably be several vacancies in the constabulary in the next few months, and we would be glad to receive applications from young men who can be recommended as to their character and efficiency by yourself or others of the faculty who know them. We would prefer young men who have graduated within the last couple of years or who will graduate the coming year.

Signed, H. H. Bandholtz,

Brigadier General,

Director of Constabulary.

QUITE A BUNCH.

Last Monday there were present in the bookkeeping classes 155 students. Quite a number have joined since. There were 52 enrolled in typewriting, three classes in shorthand, and three classes in commercial arithmetic, numbering 85. A class of 220 in penmanship together with two large classes in commercial law also tends to show a robust and healthy commercial department.

DATES CANCELLED.

Last Tuesday word was received from the State Science School, at Wahpeton, that they would have to cancel the dates for basketball that they had asked for, because of action recently taken by their board.

VISITORS.

Capt. and Mrs. Tausan, of Mayville, visited the College last Friday. The Captain was surprised at the size of the school and praised its practical features most strongly.

TRI-STATE GRAIN GROWERS' CONVENTION.

Ten o'clock this morning will have seen the opening of the four days' session of the Tri-State Grain and Stock Growers' at the Fargo Opera House. Mr. W. A. Scott of Fargo will give the address of welcome to the assembled farmers of Minnesota, North and South Dakota. The object of the convention is to get together the progressive farmers of the three states that they may talk over matters of common interest and thus take advantage of the experience of their co-workers. With the exception of a few features introduced solely for entertainment and variety, the program is of a very practical nature, though many of the questions to be discussed are also of general interest. The technical discussion will be very appropriately opened with the subject of diversified farming by Supt. L. R. Waldron of the Diek-inson Sub-station. This speech will be followed by talks on such allied subjects as poultry raising, dairying, animal and plant breeding, sheep and swine raising, etc., by O. W. Dynes, W. P. Heath and Prof. Richards of the Agricultural College; Mr. S. H. Etorger of the Dakota Farmer; A. E. Chamberlain of the South Dakota Institute foree, and other men who have been successful practitioners and close students of these branches of agriculture.

A paper of considerable interest on the subject "Eradication of Tuberculosis," will be given by Dr. Van Es on Wednesday afternoon. The subject should be of great interest as it is said the fully 50 per cent of our herds are infected with this disease.

The question of the relation of County and State Fairs to the Farmer will be discussed by Mr. deLancey of Valley City. This is a timely subject, as it is a notorious fact that our fairs are largely devoted to the interest of fakirs and horse racing.

The special features of the program include a discussion of the future wheat production of the U. S., and loss in soil fertility, by Profs. Parker and Shaw of Minnesota; The Eradication of Weeds by Spraying, by Prof. H. L. Bolley; The Breadmaking Qualities of Durum Wheat, by Prof. C. F. Ladd; Bacteria and Soil Fertility,

by Prof. Beckwith, and a talk on the American Society of Equity, by C. A. Windle of Chicago.

The most important questions of Forestry, so vital to the interests of our country at the present time, will be a prominent feature of the convention. The different phases will be discussed by such prominent students of the subject: of Geo. H. Whiting of South Dakota; E. G. Cheney of Minnesota; Prof. Waldron, and C. A. Kupfer of the Forestry Service, Washington.

Horticulture.

Horticulture is allied closely to the diversified farming and forestry problems and several able speakers have been obtained to present the possibilities of fruit raising in North Dakota.

Agricultural Education.

This subject will also be given due attention. The education of the farm boy will be discussed by J. W. Oleson, Supt of Public Instruction of Minnesota; The Teaching of Elementary Agriculture in Common and Secondary Schools, by D. J. Crosby of Washington, D. C.; Miss Childs, Professor of Domestic Science at the College, will discuss the Relation of Domestic Science to the Average Girl's Life Work.

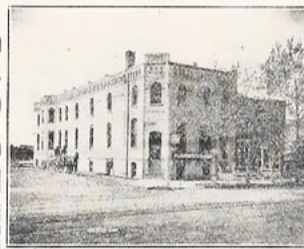
The A. C. Band

Will give a concert at the opera house on Thursday evening at 7:30. Everybody should turn out and help give the College yell.

AT THE GRAND.

Sil Kirslake, the Farmer Boy, in all his troubles with five trained pigs is giving the most laughing theatre one of the most laughing hits that has appeared at the house and a wonderful turn to see how a man can train a pig to do so many tricks. This is only one act. The Trolley Car Trio, Sam Brooks and Rose Jeanette, Glette Sisters, Adele Pomeroy and Prof. Rudd, guarantees to give something new in music that will be well worth listening to, along with the latest and finest moving pictures will make one of the strongest bills that has ever appeared at the Grand.

A great many of the students are spending these nice evenings on the skating rink back of the Armory, which the College so kindly did not provide.



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PERSONAL

Miss Ruby Hicks spent Sunday with her parents at Hickson.

Mr. Norman Powell left Wednesday for Minneapolis where he will undergo an operation.

Miss Geneva Lasson has returned and is already interested in basketball.

Messrs. Lium and Lumry have returned to resume their work in the Engineering Department.

Mr. Clayton Briden is one of old students who recently registered.

Mr. Frank Sears is back at school taking some more work in pharmacy.

Mrs. Ruth Hill, formerly of the class of '08, has temporary charge of the eighth and ninth grades in the Medina high school.

Mr. Rufus Lee, '06, was a recent visitor at the College.

Mr. Charles Van Horn, formerly of '08, is enjoying his initial ocean trip on the battleship Kentucky of the Pacific coast squadron.

Mr. Nichols left Wednesday to assume his new duties as first assistant chemist in the Georgia state laboratory.

Miss Pearl Jorgenson of Moorhead Normal was a pleasant visitor at College last Thursday.

FARGO OPERA HOUSE.

In "The Rollicking Girl," the musical comedy in which Snitz Edwards, the popular eccentric German comedian, is to be seen at the Fargo operahouse on Tuesday and Wednesday evenings of this week. There is a story which, while it may bear resemblance to a hundred others, is still worthy of being told. It is of a young girl who runs away from home on the eve of her wedding, as she wishes to become an actress and the attractions of the footlights are too strong to be withstood. She comes to Vienna to seek her fortune on the stage and fortunately secures lodging at the home of one Schmaltz, who is a theatrical wig-maker, and who is amazed at her apparent talent. He hurries her off to the theatre at which he has a pull and they arrive there just in time for her to take the place of the leading lady, who is in a tantrum and refuses to go on. Of course, she makes a sensational hit. During the action of the play she is obliged to fight a stage duel and the deposed leading lady contrives that she be wounded. She is taken back to the home of Schmaltz, where her patient lover appears, and who nurses her back to health, and in the end they are married and all ends happily. It is a story which has enabled the author and composer to supply many amusing incidents and a wealth of tuneful music. In addition to Mr. Edwards, others in the company are Lila Blow, Paul Becker, Virginia Reid, Bessie Phillips, Louise Sanford, and, naturally, being a musical comedy, there is a chorus composed of attractive young women who both sing and

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After being a student of another business college six months I entered Aaker's Business College, Fargo, N. D.—which I find uses superior methods, more practical helps and is better equipped. I have had a good chance to make comparisons and they are decidedly in favor of the A. B. C. It gives me great pleasure to recommend Aaker's Business College for rapid progress and satisfactory work. Respectfully,

Mattie Jones,
Glyndon, Minn.

Students don't seem to have the same opinion of some schools as the proprietors do themselves.

dance. Seats now on sale at Caselman's drug store.

The Homesteaders will pay you if you get a leg broken or for twenty-one other accidents. It also pays life insurance and matures its policy.

BAKERY MOVED.

The baking laboratories in connection with the roller mill have finally been completed and the ovens and other apparatus have been removed from their crowded quarters in the physocological chemistry laboratory. This leaves room for the class in domestic chemistry and gives the branch of physiological chemistry spacious apartments in which to carry on the baking tests in connection with the flour reasearch work. The roller mill is again in operation after a short vacation and every patriot should eat a sample of bread made from first "patent" flour, A. C. brand.

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OUR LAST IMPORTATION arrived at New York on Steamship Minnehaha, Aug. 5, and consisted of 87 Prize Winners, all personally inspected and purchased by our Robt. Burgess, who has been in the business 35 years. These stallions are for sale at bargain prices. Come and see us, we want your custom. We are permanently located at Fargo, own our own barn and are the only importers in North Dakota.

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SOCIETY

Y. W. C. A.

The chairman of the Bible study committee of the Y. W. C. A. announces the following courses of study for this term:

"Life and Works of Jesus, According to St. Mark," by Wm. D. Murray. Class meets Thursday afternoons at 3:30. Teacher, Miss Emily May.

Prof. Leacock's "Life of Paul." Wednesday afternoons at 4:30. Teacher, Mrs. Bell.

Murray's "Life of Christ," (beginning class). Monday afternoons at 3:30. Teacher, Miss Sadie Barrett.

Classes are held in the Y. W. C. A. room, basement of Library Building. All girls are urged to join one of these classes.

The committee appointed to act as employment bureau of the Y. W. C. A. in securing positions for College girls desiring to work for their board, consists of the Misses Childs, Elizabeth Rice, and Genevieve Holkesvig. All applications will receive prompt attention if placed in the hands of this committee.

RECEPTION.

Saturday afternoon, from 3 to 5 o'clock, the Y. W. C. A. girls were at home to the girls of the College at the parlors in Francis Hall. The rooms were very prettily decorated in the College colors, Green and Yellow. Progressive games, such as "Pit," "Authors," "Flinch," etc., were the amusement for the greater part of the afternoon. The first prize, a Gibson picture, was won by Miss Lahd, and the consolation prize by Miss Edna Armstrong.

PHARMACY CLUB MEETING.

The A. C. P. C. held a meeting at the Music Hall Friday evening, Jan. 10, and all present report an enjoyable time. A number of new students were admitted as members of the Club and prospects for the year look very bright.

PHILO PROGRAM.

Society Room, Jan. 17, 1908.
Mandolin Solo—Robert Stevens.

Paper—Harold McKinstry.
Relay Story, Chap. II.—Lillian Merritt.

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Reading—Thos. Lough.
Instrumental Solo—Clarence Plath.

Two five-minute talks by members appointed by the president, on subjects selected by the audience.

SENIOR CLASS MEETING.

The Seniors held a class meeting last Thursday afternoon, the purpose of the meeting being to decide on the ordering of class pins.

Throughout one of the rooms a large spider web of green and yellow twine was woven and each girl was given a thread to untangle, being told that at the end of the mysterious thread her fortune would be revealed. This caused considerable merriment.

Light refreshments consisting of tea and marguerites were then served and the afternoon drew to a close. About sixty girls were present.

A daughter was born to Prof. and Mrs. Ladd, Jan. 11, 1908.

OFFICIAL LIST.

The Best Agricultural Literature.

The Spectrum is in receipt of a list of books, bulletins, and periodicals, from Prof. W. G. Randlett, Supt. of Correspondence Courses, at the College, which has been carefully selected and compiled by a number of agricultural specialists in answer to the demand for the names of the best publications written along agricultural lines for public school and farm home libraries.

Prof. Randlett recommends them especially for those two purposes, stating at the same time that the purpose of the list is not to advertise the wares of any publication house, but to merely acquaint the public with the best literature in this line.

The list consists of three parts, viz.: List I comprises free agricultural literature such as state and government reports on different phases of agriculture, and may be obtained at or through the College.

List II is a list of the cream of the farm periodicals of this country and follows in detail: The North Dakota Farmer, The Boston Cooking School Magazine, Bird Lore, Farm, Stock and Home; The Farmer, The Northwestern Agriculturalist, The Breeders' Gazette, Hoard's Dairyman, The American Threshman, The Poultry Herald, Wallace's Farmer, Live Stock Bulletin, The Farmer's Advocate, The Orange Judd Farmer.

List III is a careful compilation of the choicest literature on agricultural topics and topics of general interest to country readers. Among these publications are found "Elements of Agriculture" by Profs. Sheppard and McDowell of the A. C., a text book of interest suited to northwestern conditions, and the "Story of the Prairies," by Prof. D. E. Willard of the N. D. A. C. This is a very interesting work which treats of the soil, drainage, water supply, and general resources of the state of North Dakota.

The list in detail may be obtained on application to Prof. G. W. Randlett, Agricultural College, N. D.

ADVICE FOR SHORT COURSE MEN.

The following list of rules and regulations has been carefully prepared for the legal department of The Spectrum staff for the guidance of the "shorthorn" while he resides in our midst. We

THE MINT RESTAURANT

For a dainty Lunch or substantial Meal you should try the Mint.

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earnestly hope that he may profit by the experience of his kind in former years.

1. Don't study too hard. It's bad for the eyes.

2. Always take the front seat in classrooms. This makes the professor think that you are thoroughly prepared.

3. Never tell a professor what you know. It is his business to find out.

4. When a professor calls on you to recite always answer "unprepared." This will make him think you are an old student.

5. Always come to class fifteen minutes late and slam the door. This keeps the professor from concentrating his mind too closely on the lesson.

6. Call on the registrar regularly each week to get your schedule changed. If you don't, he will think that you are neglecting him.

7. Always wait five minutes before answering a question. If you don't people will think that you are too bright.

8. When the professor cracks a joke laugh as hard and long as possible. This will help to increase the size of your mark in the little blue book he keeps.

9. If the professor laughs, himself, you must manage to laugh some more. This is imperative.

10. Spend half an hour each morning hunting for Room 12. Everybody else does. Why shouldn't you?

11. Always gaze at things with a "vacant" expression. This will make you look like a senior.

12. Don't forget to call on the president two or three times a day to tell him how you like the College. Otherwise he might get lonesome.

13. Never wear a necktie. Some one might take you for a professor.

14. Always call it the "A. C. College." Otherwise town people won't know what you are talking about.

15. Never pay any attention to what the professor is saying at lectures. He doesn't really mean it. He just says it because he gets paid for it.

16. Be sure to tell everybody you know, that you are a "College man." Otherwise they might never suspect it.

17. Don't forget to visit Moorhead frequently as this is a part of your training and should not be neglected.

18. Learn to say "hop" when you mean dance. This is very collegian.

19. Don't fuss the girls. That's what the upper classmen are here for.

20. If you have a vacant period don't hang around the halls. Go down town and play pool.

21. When you can't do anything else, come into The Spectrum office and talk to the Editor. He hasn't anything else to do.

22. Don't let your studies interfere with your regular work.

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Mr. Reginald Dynes, formerly of the class of '09, has resumed his work in agriculture.

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