PREPARING FOR SPECIAL SHORT COURSES

NEW COURSES IN POULTRY AND FORESTRY ADDED THIS YEAR.

As the fall term draws to a close the agricultural department is making preparations for the special short courses which are held, in addition to the regular work, during the first few weeks of the year. This year, in addition to the two courses in general agriculture, and the courses in creamery management, those in poultry growing, poultry culture and forestry will be added and a second year course in creamery management. The courses in general agriculture, creamery management and poultry begin Jan. 5, 1909, and continue for eight weeks. The forestry course begins Jan. 5 and continues for five weeks, and the fruit course begins Jan. 5 and continues for two weeks. The cheese course begins February 13 and continues for two weeks.

SYNOPSIS OF THE COURSES.

General Agriculture—First year: This consists of the subject of breeds and breeding, work in the carpenter and blacksmith shops, veterinary science, studies in soils and crops, feeding and feeding fruit, growing and landscape gardening and a course in business arithmetic, bookkeeping, correspondence, etc.

General Agriculture—Second year: This is designed only for those who have successfully completed the course of the first year’s work along the lines above, and who are unable for various reasons to take one of the regular courses, may secure a course in five weeks’ time at nominal expense such practical training as may be crowded into a short winter term. Many young men who otherwise have been denied the privilege of any college training along these lines, will find this course a means of procuring a practical course of instruction which will make it possible for them to secure a position as carpenters, blacksmiths, etc., and to find work in these lines.

Forestry Course. Designed to meet the needs of fire wardens, forest guards and rangers. It includes such subjects as crossing, elementary dendrology, soils, elementary surveying, and forest control.

Fruit Growing. A course of two weeks, comprising a series of lectures on practical fruit growing.

EQUIPMENT.

A large part of the value to be derived from courses such as the above is derived from the practical laboratory work. The equipment for this practical work is complete. The principal breeds of cattle, sheep, goats and poultry are represented as are also good types of both draft and driving horses all housed in comfortable barns fitted up with modern devices for the comfort and health of the animals and for economizing the work of the attendant. A well supplied poultry plant with full equipment for the poultry classes, and the regular college shops, provide a way by which young men desiring technical training and experience as the case may be fitted for various reasons to take only a part of this practical work, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines, yet who are unable for various reasons to take one of the above lines.

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 14.


DAIRY BUILDING.

THE MILITARY HOP.

IMPORTANT ACTION TAKEN BY OFFICERS OF BATTALION.

At the last meeting of the Officers’ Association resolutions were adopted that are of general interest to the student body and are here-with published:

The officers of the battalion feel that, inasmuch as they are a military organization, they should endeavor to place that department of M. A. C. on as high a plane as possible, and to promote the military functions in a way suitable to their importance. In the last few years the hops have been military in name only, and very little effort has been made to make them a truly military function, chiefly because of the lack of interest shown by the student body, which has made the question of successful hops mostly a financial problem, and for this reason two prices have been charged, thereby inaugurating a spirit which has had most to do with destroying the college military.

The military hop should be militarily the full sense of the word. Such matters as cruising, elementary in the full sense of the word, not merely as an excuse or a means of getting a way to have a dance, are eligible to drill. Seniors and especially invited guests are, of course, exempt from this rule.

The hops have always been most enjoyable affairs and there is no reason why they should not continue to be so, and it is only a question of the proper spirit being shown to make them a thorough success. The outcome of the winter term military will undoubtedly determine whether the students of M. A. C. care enough for these functions to permit their continuation.

SECOND ANNUAL FOOTBALL BANQUET.

The second annual inter-society football banquet held this year in the large dining room in Well's Hall, brought to a fitting close the season of 1908. Fully 200 students and members of the faculty, gathered for a short reception in the Union Literary Society room, and at 8 o’clock reproduced the dining rooms, which were decorated with college pennants and athletic trophies.

The center tables were reserved for the honored guests, the members of the first and second team squads, who searched in vain for seats after the rest of the company were seated, while the orchestra, at one end of the room, discovered beautiful notes.

The banquet was served by several young ladies of the home economics department living in East Lansing and vicinity, and was followed by a program of toasts, speakers being introduced by Footmaster C. L. Brewer. The first speaker was Prof. H. K. Vechter, who spoke on “Seventeen Years of Football,” and was followed by Prof. King, whose topic was “Inferences.” Dan Bellew’s subject was “Athletics in Engineering.” C. J. Oviatt, “For the Olive Green.” Capt. Sheldon, “The Season and Team of 1908.” Capt. E. E. McKenna, “Prospects for 1909.”

The result of this second banquet left no doubt of this custom being continued.

The State Gissing Grown Association, at their meeting at Grand Rapids last week, decided to hold the next annual meeting at the college. It will be held during the first week in December.
Farm Barns

The M. A. C. RECORD.

Y. W. C. A.

Miss Flora Robinson, graduate of the Woman's College at Baltimore, with the class of '07, visited the Young Women's Christian Association for a few days during the past week. All but six years of her life was spent in India, so her position as traveling secretary of the Student Volunteer Movement was made doubly interesting to the girls.

The regular association meeting was held on Monday evening, when Miss Robinson presented the "Need of Trained Workers, College Students, in the Foreign Field." Thursday morning she spoke in chapel, introducing the Student Volunteer Movement, and giving a short sketch of its work.

At six o'clock a very informal gathering was held in the parlor, where an amusing game of cards was played.

We are always very glad to welcome the women who represent this great and wonderful movement of the Young Woman's Christian Association. They bring with them an atmosphere where every college girl needs for the full development of her life.

NUMBER OF STUDENTS.

An interesting comparison of American and German university enrollments.

The United States has 493 universities, colleges, and similar institutions, in which are being educated 177,600 male and 51,772 female students, or 229,372 students in all. Of that number about 65,000 are in preparatory departments, about 122,000 in collegiate schools, and about 34,000 in professional departments. The difference in organization makes a comparison impossible with the German schools, as the American colleges are larger than the German universities. The study by Horace D. Taft, published recently, bears on this point and suggests betterments for the future. But the European figures are interesting, absolutely, if not relatively. There are 225,743 university students in 126 universities.

The University of Berlin has 33,851; Paris, 11,075; Budapest, 6,514, and Vienna, 6,625. A list sent to Washington by the American vice-consul at Magdeburg gives the following figures for 1907-Greece, Norway, Portugal, Denmark, Bulgaria, and Serbia, each having one university-

Country | No. of Univ. Students |
---------|-----------------------|
Germany  | 80,000                |
France   | 60,000                |
Austria-Hungary | 50,000 |
England  | 25,000                |
Russia   | 20,000                |
Spain    | 13,000                |
Belgium  | 5,000                 |
Sweden   | 5,000                 |
Romania  | 5,000                 |
Holland  | 4,000                 |

-Normal College News.

Alma gives a benefit entertainment for the Oratorical Association. The proceeds will make up the prize.

TUESDAY, DEC. 15, 1908

Preparing for Special Short Courses.

(Continued from page 1.)

An opportunity will be given to all who attend to spend all their available time to the best advantage.

The cost.

The only fee required by the college for any one of the above courses is an entrance fee of $5 ($10 for non-residents of Michigan). Board and room cost approximately $35 per week. Aside from the straight tuition, the total cost of an eight weeks' course should not be far from $45. The six weeks' course will cost approximately $25. The four weeks' course about $20.

A certificate is granted at the conclusion of the courses on passing the required examinations.

Entrance Requirements.

No entrance examinations will be required, and no one should feel unqualified for taking one of these courses because he has not completed the eighth grade in the common schools. While much of the work will be in the class room, and the student will be expected to take some notes, emphasis will be laid upon laboratory and shop practice, where the hand and eye as well as the mind will be trained.

What Others Say.

The short winter courses have been offered every session since 1876, and during this time over fourteen hundred young men have availed themselves of one or more courses, and many have returned for a second season. These men speak very highly of the courses received.

Mr. D. B. McKenzie, a prosperous farmer of Stockbridge, Michigan, who has taken both the first and second year courses in speaking of the benefit derived, says: "The practical training received in these courses vastly more than repays one for the time and money spent, while the general cultural and social training received is an asset which cannot be measured in dollars and cents. I would advise all young farmers who cannot take a regular course, to spend at least one winter at the college."
The M. A. C. RECORD.

A FEW THINGS FROM NORTON'S

POCKET KNIVES, RAZORS, RAZOR STROPS
EVER READY SAFETY RAZOR WITH 18 BLADES $1.00
SHEARS, ETC.

On this line of goods we claim to have the best that can be had, and any will be replaced that is defective. We would be pleased with your patronage.

NORTONS HARDWARE
111 Wash. Ave. South.

THE J. W. KNAPP & CO. STORE

Where you will find the largest and most complete stock of

Women's Linens and Children's Ready-to-wear Garments, Knit Underwear, Hosery, Gloves and Ribbons. All the new things in Laces, Embroideries, and Wash Goods.

See our New Silks, Dress Goods and Trimmings.

If you want an Exclusive Gown or Suit, go to Lansing's Reliable Store.

J. W. KNAPP & COMPANY
SUCCESSORS TO JEWETT & KNAPP
220-222 AND 224 WASHINGTON AVENUE SOUTH, LANSING, MICHIGAN.

THE KING'S DAUGHTERS will meet with Mrs. J. J. Myers Wednesday afternoon.

The Record welcomes all its readers a merry, merry Christmas and a happy and prosperous New Year.

Beginning today the bell will ring on the hour. There will be no further chapel exercises this week.

At the women's party Saturday evening some student, incensed at not being invited, dropped his brother into the midst of the gay party. Miss Mary Allen proved the heroine and promptly ejected the intruder.

C. A. Ross, '91, eng., was happily surprised last week by receiving from Senator Burrows an appointment to a cadetship at West Point. Mr. Ross will withdraw from college at once and prepare for the examinations which will be held in February.

The young women of the college have organized a new club called the "Idlers." The object of the club, as suggested by the name, is a purely social one. The members are the teachers and students of the home economics course. All other women connected with the college will be welcome to membership by signing the constitution. The following officers were elected for winter term: Minnie E. Johnson, chairman; Blanche Clark, vice chairman; Flora Bates, secretary-treasurer.

The young women of the college have organized a new club called the "Idlers." The object of the club, as suggested by the name, is a purely social one. The members are the teachers and students of the home economics course. All other women connected with the college will be welcome to membership by signing the constitution. The following officers were elected for winter term: Minnie E. Johnson, chairman; Blanche Clark, vice chairman; Flora Bates, secretary-treasurer.

WHAT CAN THE MATTER BE?

Our girls they are witty and most of them pretty.
They sit in the parlor and pound the piano.
Play tennis and racquet and fitch and five hundred,
But they don't have a basket ball team.

Chorus.
Dear! dear! what can the matter be?
Dear! dear! what can the matter be?
They don't have a basket ball team.

Patrician meets every requirement of modern fashion. It is stylish, easy-fitting and absolutely shape-retaining.

ALUMNI.

M. T. Rainier, formerly of Traverse City, now resides at Irving, Kansas.

W. T. Parks, owner of a large creamery at St. Joseph, Michigan, was a college visitor last week. Mr. Parks recently sustained a painful injury from a fall, and while recuperating is spending his time calling on old friends about the state.

Harry A. Farrand is teaching at the Institute for the Feeble Minded at Columbus, Ohio.

O. L. Ayres, with the U. S. Dept. of Soils, has been ill for several weeks with typhoid fever, at Newport, Tenn. We are glad to report that he is convalescent.

A. B. Rogers, with the Bureau of Animal Industry at Sioux City, Iowa, writes: "Induced find $4 for two years' subscription to the Record. Our football record this season makes my blood boil with enthusiasm. Proud of the team? Well, some! It is not uncommon to hear the Michigan 'Aggies' mentioned on the street cars here by the lovers of the game."

Roy C. Potts, professor of dairying at the Oklahoma State Agricultural College, Stillwater, Oklahoma, was a college visitor last week.
PLAUDING SPEAKERS AT LARabee's
333 Washington Ave
TANNER & TURNER, Agents
& Dollers

F. N. BOVEE
Optician - Photo Supplies

INCHOME BLOCK
Washington and Michigan Aves.
Engraved or Printed Cards
Fountain Pens
Lea's Book Cases and Office
Apparel

FAX AND ROYAL TYPWRITERS
Keno's Ribbons and Carbon Paper

ALL PRINTING CO.
Feb 1899.

DIRECTORY
LANSING BUSINESS AND PROFESSIONAL MEN.

The names in this directory as well as those of all our other advertisers, are of
reliable parties. We hope that the faculty
and students will take pains to patronize
those who patronize us.

CLOTHING.

THE TECHNICAL CLUBS
NOTICE
Brief Reviews of the Meetings

HORTICULTURAL CLUB.
The last meeting for the Horti-
cultural club for the fall term was
held in the club rooms of the Horti-
cultural laboratory last Wednesday
night. The speakers were Messrs. Postiff and Forrer. The latter gave an excellent talk upon
"The Trend of Experiment Station Work in Horticulture." Mr. For-
rer based his conclusions upon the
amount of published matter within
one calendar year. It was noticed that the work consisted, to a very
large extent, of experiments con-
ducted for the purpose of discover-
ing new methods for the destruction of insect and fungus pests of the
orchard, garden and farm.

Mr. Postiff's subject was "The Work of the U. S. Reclamation Service." The work of this Ser-
vice is spread throughout many of the western states and involves an expenditure of millions of dollars and it is expected that many thou-
sands of acres of formerly practically valueless land will be restored to fruitfulness when water for irriga-
tion becomes available. The soil upon these projects is very rich, and with plenty of water, they will
evertheless become garden spots of the United
States. Mr. Postiff illustrated his remarks with a series of about fifty lantern slides, showing some of the
difficult conditions and some of the results of the work already accompli-
sed. These slides were loaned by Mr. C. J. Blanchard, of the U. S. Reclamation Ser-
vice. The talk emphasizes one of the most progressive enterprises that the government is carry-
ing on for the masses.

A business meeting was held at the conclusion of the program. The speakers were elected for the winter term as follows: Prof. R. B. Pratt, Vice Pres.; R. A. Tatti-
Sec'y; R. U. Brooks.

THE INTERNATIONAL LIVE STOCK SHOW.

(Continued from last week.)

Since the founding of the exposition the agricultural colleges have come greatly into prominence and now have a fixed place at the show. One has only to visit the great close competition, Iowa state college scoring a total of 1373 points for first place, her representative in indi-
vidual judging being H. H. Kil-
dee, and the eighth place going to
Minnesota scoring 2839 points or only two points difference between
the first and last places.

There were 30 colleges represented at the competition and the yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.

Two students from M. A. C. attended the International Live Stock Exposition, and their yields might be heard at almost any time from the seats around the ring, especially in the case of our own M. A. C., which did not take a back seat for anyone, nor was the "locomo-
tive" unequal.