

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, DEC. 5, 1905.

No. 12

SPECIAL COURSE NUMBER

ALUMNI.

COURSES BEGIN JAN. 3--CLOSE FEB. 23.

THE FOUR SHORT COURSES.

It is well for every one to recognize the exact significance of the short course movement. The word course is in part a misnomer when applied to the efforts of the College to teach young men who cannot

benefits of the college to homes otherwise excluded from its bounty. It makes no serious attempt to modify, directly, the qualities, or personality of the students, but contents itself with the furnishing of information supplemented with some training of the hand and eye

structor Foster and supplemented by work in bacteriology, agricultural chemistry, advanced stock judging, and veterinary medicine. If they are not dairy men and do not propose to go into that business they may take forestry, business methods, or soil work and seed selection, farm engineering or practical work in horticulture, each line being supplemented with lectures and laboratory work adjusted to the main topic and aimed to make the men fairly expert in definite lines.

The second new feature is the introduction of carpenter and blacksmith work. The tool barn has been converted into a very useful structure in an educational way. The judging room is left as it has been for the past year. The north end of the barn is equipped with thirty forges and will be used as a blacksmith shop. The room will be heated by steam, new windows have been cut in, and the forges will be in place by the New Year. Over the forge shop is the carpenter shop provided with a sufficient number of kits of carpenter tools. South of the carpenter shop, on the second floor, is to be a seed room, a laboratory and store room for the seed selection under Prof. Jeffery. No attempt will be made to turn out expert blacksmiths or carpenters. The instruction will be confined to elementary exercises in blacksmith work such as every farmer should receive to fit him to make necessary repairs or to do the simpler kinds of iron work. In the carpenter shop the exercises will begin with the making of the necessary work benches and



CLASS IN MEAT CUTTING

leave their homes for periods longer than eight weeks in the winter. A four or five-year course differs from these short courses both in degree and in kind, in form and in essential essence. The four year course takes hold of the entire man, his mind, his body and his very soul, making of the raw material furnished in the shape of the untrained boy, an accomplished thinker, a man who knows how to seize the opportunities offered him and to make of himself and his opportunities the greatest possible good for the world. A college course is not an amount of information poured into an unchanging vessel, it is a growth, a leading out of the man himself into developed powers, into matured and seasoned faculties. Such a course finds its best good not in the information given out in the development of the student. The graduate differs from the entering student not in that he has more information, that he knows more but in the fact that he is in every respect an essentially different man, with powers of thought and of action, almost entirely wanting on his first arrival at the college.

The short courses attempt nothing of this kind. Recognizing the fact that the college is equipped to give much needed information to young men who can be away from home but for short periods, it invites young and progressive farmers, fruit growers, butter makers and cheese makers, to come to its halls for eight weeks in the winter, there to get the benefit of this equipment and of the training which experts can give in the limited period. It is one step in college extension. It is carrying the

in such practical matters as stock judging, seed selection, butter making, cheese making, carpenter work and the blacksmith shop. Ma the attempt never be made to bridge over the chasm between the special courses and the full college course.

Four new features have been added to the courses this winter. In the first place the opportunity is given men who have taken the short course in general agriculture for one



CLASS IN BUTTER MAKING

winter, to come back for eight weeks this year. They will be allowed a wide election in studies they are to take. For instance, if they need training in dairy work to fit them for better utilizing their opportunities, they will have two hours of practical work in the dairy room followed by lectures by In-

structor Foster and supplemented by work in bacteriology, agricultural chemistry, advanced stock judging, and veterinary medicine. If they are not dairy men and do not propose to go into that business they may take forestry, business methods, or soil work and seed selection, farm engineering or practical work in horticulture, each line being supplemented with lectures and laboratory work adjusted to the main topic and aimed to make the men fairly expert in definite lines.

The third new feature is giving greater breadth and elasticity to the course in horticulture. For some

(Continued on page 2.)

'70.

"The Religion of Agriculture" is the title of an address by Hon. Chas. W. Garfield before the State Conference of Liberal churches at Kalamazoo, Oct. 12. A brief has been issued in the form of a neat booklet, copy of which has come to our desk. Mr. Garfield says, "If religion is the mind of God in the heart of man—if getting religion is simply finding out about God—the fields of the farmer are replete with opportunity."

'02.

Since leaving M. A. C. after his vacation, O. L. Ayers has landed in Indian Territory. He has a nice level country to work in, about $\frac{1}{3}$ being prairie. He states that although the land is owned by the Indians, the whites lease it for long periods and manage it to suit themselves. His town, Tishomingo, has been the capital of the Chickasaw nation for some time and has grown quite rapidly during the past few years. Its business street is about three blocks long, many of the buildings are brick and it has its own electric lighting plant and water system.

'06.

H. H. Yarrington is drafting in the mining department of Allis Chalmers Co. of Milwaukee. The company is at present engaged in treating ties and lumber for preservation, much of this product going to the Santa Fe Ry. Co. The boiler house contains eight boilers, each 7 feet in diameter by 132 in length, into which the lumber is run. After pumping on oil and creosote the pressure is run up to about 260 pounds. It is left in the boilers for perhaps one-half hour, then taken out and after a time the operation is repeated. The plant is the first of its kind in this country. Mr. Yarrington states that the company has just finished some work on gold mills for the mining department and are now at work on a dredge for Duluth Harbor which will be the largest ever built on the lakes. The posts by which it is held in place are 5 feet square and 65 feet long and are of solid oak. It takes about twenty engines to operate the cables, booms, etc. The company has ten different departments of work, but the drafting is all done in the building in which Mr. Yarrington is employed.

'07.

Charles E. Willits, who was obliged to leave college last winter on account of ill health, and who went west with the hope of regaining his health, has returned to his home in Detroit. He was operated upon for appendicitis Dec. 2 at Harper hospital. His many college friends will be glad to know that the operation was successful.

Lost—Pair of brown golf gloves. Please return to president's office.

THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE
COLLEGE YEAR BY THE
MICHIGAN STATE AGRICULTURAL COLLEGE

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TUESDAY, DEC. 5, 1905.

From *Albion Pleiad*:

"Northwestern 37, M. A. C. 11.
"Minnesota 72, Northwestern 6.
"Which, being interpreted, becomes Minnesota 2664, M. A. C. 0."

By the same method of reasoning we have the following:

Minnesota 72, Northwestern 6.
Northwestern 37, M. A. C. 11.
M. A. C. 46, Albion 10.
Minnesota 2664, M. A. C. 0.
Minnesota 122,544, Albion 0.

THE FOUR SHORT COURSES.

(Continued from page one)

inexplicable reason few students have elected this course in past years. Many elections are now allowed to satisfy the demands of young men who, because they carry on mixed farming as well as fruit growing, desire a more varied course than has heretofore been provided. Besides the practical work in fruit culture and kindred subjects the men in horticulture may elect some phase of live stock work, dairy work, or work with soils.

Finally the creamery course is kept up-to-date by introducing, as a principle feature, the manufacture of butter from gathered cream. Mr. Rabild has had exceptional opportunity this summer to study this matter and the creamery men are to have the advantage of his broad experience and wide observation.

The unit in America is not the citizen but the home. Where the college can help the home it helps the country. It is pleasant to record that the special courses have blessed many homes. Letters galore from former students in these courses describe the happier state of the home brought about by the contact with the college life and the experiences at M. A. C. Not only is it true that larger salaries are received and therefore, a better supply of mental and physical food but a distinct step in advance has been made in a broadening culture. More papers are taken, more books are read, more helpful books are selected, the homes have a better tone, the lives of husband and wife are uplifted. These things are brought about not so much by the definite training given as by the secret unrecognized but potent influences in the college life itself. The benefits of the

courses are not therefore to be measured solely by the separate pieces of information given by members of the faculty. Life for so short a period as eight weeks in new surroundings among men governed by a different set of ideas and motives and in a community exemplifying different modes of thought and impulses almost revolutionizes the trend of a man's life and fundamentally affects his character.

THE COST.

The financial side of the question is the one that appeals most strongly perhaps to ambitious young men. Forty five dollars is a large investment if the course is to be considered an uncertainty. It will be hard to find a young man who has taken one of the special courses and devoted himself with energy to the work who does not report that the course has paid him back the money it cost before the expiry of the first year. The live stock course has taken men from the farm earning not more than twenty dollars per month and board, and has placed them in situations requiring executive ability and training, where they have earned three and four times those wages and have satisfied their employers completely. From Maine to California there are men who can tell what the course has done for them financially. In Maine, one of the large dairy farms is in charge of a former short course man. In Michigan, many of them are managing farms and herds. Farm owners have taken the course and report an immediate increase in receipts from their farm.

The creamery course does not aim to take inexperienced men and make butter makers of them, but it does take men already in factories without sufficient training, and makes of them efficient makers capable of drawing a much larger salary. So the cheese course makes the efficient cheese maker still more efficient, gives him an increase of salary and gives his employers an increase of satisfaction.

ROUND-UP INSTITUTE.

The State Round-Up Institute will be held at the College Feb. 19, 20, 21, 22, and 23. This meeting, coming just at the close of the special courses, will afford the students in these courses an opportunity to hear subjects in which they are most interested discussed by the ablest speakers of this and other states. To attend this meeting will certainly be a rare treat to those who have never had such an opportunity, and one which others will not care to miss.

M. A. C. DEBATING CLUB.

The question debated at the last meeting of the club was: Resolved, that a beef trust does exist. Messrs. Stone and Cavanagh supported the affirmative while Messrs. Robinson and Barnett took the negative. The arguments on both sides were very instructive and showed that the participants had done considerable reading upon the subject. The decision of the judges was unanimous in favor of the affirmative. Dr. Edwards acted as critic.

The last meeting of the term will be held on Thursday evening Dec. 7 and a very excellent program has

been arranged for that date. The question to be discussed is Resolved, that U. S. Senators should be elected by direct vote of the people. The speakers of the evening will be Messrs. McKenna and Kramer for the affirmative and Fisk and Boomsliter for the negative. This promises to be the best debate of the term and those who attend will not regret the time so spent. After the debate the election of officers for next term will occur.

RESERVES VS. ALL-OWOSSO.

It was announced on the posters that the M. A. C. Reserves would play All Owosso and there was no mistatement there. It did not say however that All-Owosso was going to referee, umpire, and be head linesman, so owing to some mistake in arrangements McDermid started in to officiate. All went well until the reserves had worked the oval down to the the opponents three yard-line with the first down to push it over. It was here that the crowd, assisted by Capt. Christian of Owosso, demonstrated in a forceful way that an error had been made and that McDermid was not the real official but that the so-called All-Owosso was the one appointed to see that fair play was carried out. M. A. C. said it was firstdown for M. A. C. but the crowd said that Owosso must have the ball or M. A. C. would "get licked." This aided by the swinging "dukes" of Capt. Christian and discretion of the referee gave the home team the ball. The fact that there was no score shows that the eleven men from the college put up a strong defense against the All-Owosso aggregation. There were several stars on the Owosso team the foremost being the deputy sheriff of Shiawassee county who is aided no doubt, by his experience in "caring for his man" and the way he "cared for" Parker deserves especial mention. The sheriff was in for a clean game, if he had to fight every down to maintain it. The game throughout was free from all the roughness so frequently discredited by President Roosevelt and proves beyond a doubt that no change is needed in the rules.

Referee—First minute, McDermid. Remainder of time, Bull Green and All-Owosso.

Umpire and head linesman—All-Owosso.

Marquis of Queensbury rules were used.

Y. M. C. A.

The meeting in chapel Sunday evening was led by Prof. Jeffery who spoke on Paul's definition of pure religion. The giving of material aid and the proper spirit of charity was emphasized a comparison being made of the large amounts of money spent on luxuries and the small amount given to home and foreign missions. The congregation was of considerable number considering the many who were absent from the College for the Thanksgiving vacation.

The last union meeting of the term will be held next Sunday evening. This will be a students meeting, the speakers being from the student body. Music will have a special part in the program.

Rev. H. B. Bard preached in the chapel Sunday morning.

M. A. C. MEN AS LEADERS IN AGRICULTURE.

It was not very long ago when many of the intelligent farmers of Michigan believed that the Agricultural College was not helping the common farmers of the state as much as was prophesied by the early advocates of that institution because very few of the young men who availed themselves of the advantages offered at the College came back to the farm to practice what had been learned. No doubt many of those who so contended had grounds for believing as they did for the few graduate and under graduates who left the College were offered positions in the service of the government, thus preventing their returning to the farm.

But today the situation has considerably changed and we find many of the men who have equipped themselves with a thorough understanding of the principles underlying modern agriculture, are desirous of going back to the soil and practicing what they have learned, even in the face of many tempting offers from public and private institutions, as the insight they have gained of the conditions of agriculture have convinced them of the great opportunities offered in practical farming for the trained man. Their almost universal success in the management of stock, fruit, and general farms has dispelled most, if not all, of the doubt entertained regarding the efficiency of the M. A. C. to prepare men for practical farming, and the part these men are taking in the advancement of the agricultural profession in the communities in which they live as well as the state and nation has changed the persons who once looked with no little skepticism on higher agricultural training into believers who now assert that the coming farmer should have a college education.

An illustration of the part now being played by men connected with, or educated in our agricultural college is seen in the recent prospectus put out by the Michigan Farmer in which nineteen of the special articles that that publication will run during the year of 1906 are known to the writer to be from the pen of M. A. C. men. Thus we see that thousands of readers of that journal, many of whom never saw the College, and perhaps not a few who are unaware of its existence, will be influenced to practice a better system of farming by these leaders along their special lines of agriculture, who have been trained for their work at Lansing. Then, too, at institutes, farmers' clubs and grange meetings we see M. A. C. men everywhere pushed to the front, and leading in the activities of those organizations, thus disseminating the instruction and enthusiasm given at their alma mater, among the rank and file of the farmers of Michigan.

BURT WERMUTH.

The Military given Wednesday evening was a very enjoyable affair, about one hundred couple being present. Ypsilanti orchestra furnished the music for the occasion and seemed to please everyone. Capt. and Mrs. Fuger and Prof. and Mrs. Vedder acted as chaperones. Quite a number of former students and friends participated.

A Good Assortment Of

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Rogers Knives and Forks
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Nickel Sad Irons
Pocket Knives
Tea Kettles
Wringers
Shears

Norton's Hardware

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feet are entitled to the highest
consideration you will ask for
this shoe.

C. D. Woodbury's shoe store

Hollister Block.

ABOUT THE CAMPUS.

Miss Hearty Brown was at home
over Sunday.

Bland Edwards was at home for
Thanksgiving.

E. I. Dail was a college visitor
Friday of the past week.

That new bell is quite an improve-
ment. Only one set of hours now.

We will furnish a "revised list"
of basket ball players in a future
issue.

R. S. Baker came Thursday for a
few days' stay with his family on
the Delta.

Miss Haney of Prof. Taft's office
spent several days at Belding the
past week.

Mr. Frank Mitchell has moved
into his new house north of the col-
lege orchard.

All things come to those who
wait, but when they come their out
of date.—Ex.

C. E. Johnson, '05, has been ap-
pointed building inspector on the
new dormitory.

W. A. Maxfield, '93, a physician
of Hudson, Mich., was a College
caller Saturday.

The district school took a Thanks-
giving vacation, no school being
held on Friday.

The International Live Stock
Show will be held in Chicago, be-
ginning Dec. 16.

Next week's RECORD will tell you
about the football team and the rec-
ord it has made during the past few
years.

About fifty degrees difference in
the temperature of last Tuesday and
that of Wednesday.

The football team picture is cer-
tainly all right. A half tone from
the same has been ordered for next
week's RECORD.

Professor Bogue was recently
elected secretary-treasurer of the
Michigan State Academy of Science
vice Dr. Marshall resigned.

W. M. Gokay with '05 sends in
his subscription from Catbagan,
Samar, P. I. Let us hear from you
as to your work Mr. G.

Among others who spent a few
days at M. A. C. last week were
May Butterfield and Clara Camp-
bell, '05, and C. A. Pratt with '06.

A. F. Gulley, '68, of the Connec-
ticut Agricultural College, stopped
"at home" on his way to Grand
Rapids where he is attending the
horticultural meeting.

Prof. Taft will attend the Indi-
ana State Horticultural Society at
Indianapolis on Dec. 6 and 7, where
he speaks the 7th on "Better Meth-
ods of Fruit Culture."

Director C. D. Smith presented
the forestry department with some
interesting specimens of tree fruits
which he collected while in Wash-
ington, D. C., recently.

Lost—Friday night on street
car or on walk near College station,
a small, pear shaped pin with seven
brilliant and a purple center.
Finder please return to Dr. Beal.

Stanley Filkins '09 who was
obliged to leave College last spring

on account of illness, gave us a call
Friday of last week. Mr. F. ex-
pects to return for the spring term.

Thanksgiving day was a very quiet
one at M. A. C., as well as Friday
and Saturday following. Quite a
number of the students took advan-
tage of the opportunity to eat turkey
at home.

M. A. C. is represented on the
program of the horticultural meet-
ing in Grand Rapids as follows:
Pres. Snyder, Dr. Beal, Profs. Taft
and Fletcher and Instructors Gun-
son, McCue and Craig.

Prof. W. L. Whitney of the Sag-
inaw high school was a visitor at
the chemical laboratory Saturday
morning. His brother, Ed. Whit-
ney with '03, is teacher of chemistry
and physics in the Reed City schools.

Mr. C. C. Wilcox is visiting for
two weeks at Professor Bogue's.
He has been employed by the Val-
ley Traction Company for the past
two years, but has accepted a posi-
tion with a manufacturing company
at Birmingham, Alabama.

Willard L. Cummings, '93, called
at the College Dec. 2. He is geol-
ogist and mining engineer for With-
erbee, Sherman & Co., of Mineville,
N. Y. Mr. Cummings received the
degree of E. M. from Michigan
College of Mines in 1900.

H. E. Young '02 and wife (Ma-
ble McCormick with '04) called on
their college friends last week. Mr.
Young is associate editor on Indi-
ana's State Agricultural paper and
is enjoying his work very much.
Their home is at Huntington, Ind.

The Eunomian Literary Society
elected the following officers for the
ensuing term: Pres., E. H. Adams;
Vice Pres., C. B. Peck; Sec., R.
A. Turner; Treas., A. E. Falconer;
Record Editor, F. B. Wilson; War-
den, E. N. Boulard; Marshal, O.
W. Stephenson.

The team selected to represent M.
A. C. in the student stock judging
contest to be held between the Agri-
cultural colleges of United States
and Canada at the International
Live Stock Exposition in Chicago,
is as follows: C. A. Wilson; F.
A. Stiles; L. R. Slote; R. C. Potts;
R. G. Potts; F. A. Farley.

The Sylvan Literary Society at
their last regular business meeting
elected the following officers for the
winter term: L. R. Wright, pres-
ident; R. L. Pennell, vice president,
J. L. Myers, secretary; R. G. Hoop-
ingarnier, treasurer; L. R. Dorland,
Record editor; D. H. Ellis, sargent-
at-arms. This society is still in its
infancy, but promises to be one of the
best literary societies on campus,
judging from the enthusiasm shown
by its members.

R. J. West, with the Patton Paint
Co., Milwaukee, Wis., sends to Prof.
Pettit mounted on a microscopic
slide "a sample of the inhabitants
of Milwaukee's water." Says he
would rather like to know just what
he is drinking, and doesn't wonder
that people in that city drink beer.
Ray Lower '03 has been trans-
ferred from his position as chemist
in the above company to the Dry
Color department. Mr. West takes
his place as chemist.

FOR MEMBERS OF THE ATHLETIC COUNCIL.

| SENIOR | JUNIOR | SOPHOMORE | FRESHMAN |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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GENERAL.

| | |
|--------------------------|--------------------------|
| For M. I. A. A. Director | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| For Baseball Manager | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| For Football Manager | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| For Track Manager | <input type="checkbox"/> |
| | <input type="checkbox"/> |
| | <input type="checkbox"/> |

The above shows the form of ticket to be used at the election of athletic officers on next Saturday. The election will be held in the Chapel from 10 A. M. to 12:30 P. M. The election board will consist of the president and secretary of the Athletic Council and the class presidents. Two men from the four upper classes are to be elected to the Athletic Council from six men nom-

inated by each class. Each class votes only for the men from their own class.

All classes will vote the general ticket, voting for one man for each office. There are to be three men nominated for each office at a general mass meeting held on Monday.

Place an x in the square before name you wish to vote for.

INTERNATIONAL.

The International Live Stock Show will be held this year at Chicago during the week beginning Dec. 16. It is expected that quite a number of students will take advantage of the opportunity to attend this show, coming as it does at the close of the term. Beside the show itself, there are many points of interest in the Windy City. The stock yards and large packing establishments will be visited and these alone will be worth the expense of the trip. M. A. C. has entered two animals, one a grade heifer (blue-gray) and a hereford steer.

The rate secured for the week is one fare plus one dollar for the round trip. These tickets may be purchased from December 16 to 19; good for returning on or before Dec. 24. Another rate of one cent per mile each way is granted to those going Dec. 20 and returning Dec. 23. This will make the rate from Lansing about \$4.25. Both of above rates are granted by all roads in the Central Passenger Assn. and are, therefore, good from any point on such roads.

As this issue of the RECORD will be sent to many of the young men in the state who, we hope, may enter one of our special courses, the above notice may do them some good.

All students desiring to attend this show should hand in their names at once to Mr. Norton who will secure passes into the same for them. It is very necessary that these names be handed in at once.

Series of one-day farmer institutes have been planned for the following counties: Otsego county, December 4 and 5; Kalamazoo county, December 5 to 7; Clare county, December 5 to 8; Lake county, December 5 to 8; Luce county, De-

cember 5; Schoolcraft county, December 6; Cheboygan county, December 6 and 7; Shiawassee county, December 8 and 9; Presque Isle county, December 8 and 9; Osceola county, December 9 to 11; Alpena county, December 11 to 12; Baraga county, December 8 and 12; Houghton county, December 9; Grand Traverse county, December 12 to 20; Isabella county, December 13 to 16; Chippewa county, December 14 to 20; Cass county, December 14 to 16; Emmet county, 14 to 18; Iosco county, December 13 to 15; Eaton county, December 16 to 22; Muskegon county, December 16 to 21; Clinton county, December 16; Newaygo county, December 16 to 22; Mecosta county, December 18 to 20; Oceana county, December 18 to 22; Gladwin county, December 19 to 22; Huron county, December 19 to 22; Leelanaw county, December 21 to 23.

Tuesday, November 28, at 1 P. M. the second of the Senior luncheons was given by Miss Hendricks. The table decorations were yellow chrysanthemums and asparagus fern. The color scheme in yellow and white was very prettily carried out. The guests were Mrs. Haner, Mrs. Gilchrist and Miss Wellman. Miss Mans acted as the waitress.

MENU.

| | |
|----------------------|------------------|
| Fruit Cups | Croutons |
| Cream of Celery Soup | Chicken Salad |
| Dutchess Potatoes | Pineapple Frappi |
| Angel Food | Chocolate |

'87

H. H. Winde is now dealer in general merchandise and forest products at Pomona, Cal. Mr. Winde states that Michigan climate proved too vigorous for him and he hoped to find relief from rheumatism in the land of sunshine. His address is 253 N. Rebecca street.

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