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West Virginia University

THE COLLEGE OF AGRICULTURE

SPECIAL COURSES FOR PRACTICAL FARMERS

Four Weeks Course—January 9—February 4, 1905.
School of Methods for Farmers' Institute Workers, Morgantown, January 9-14; Charleston, January 23-28, 1905

MORGANTOWN, W. VA.
PUBLISHED BY THE UNIVERSITY

INSTRUCTORS AND LECTURERS

- D. B. PURINTON, Ph. D., LL. D., President of the University.
- T. C. ATKESON, Ph. D., Dean of the College of Agriculture.
- HON. JAMES WILSON, United States Secretary of Agriculture.
- HON. JOHN HAMILTON, Farmers' Institute Specialist, United States Department of Agriculture.
- ALVA AGEE, Institute Specialist, Wooster, Ohio, and Editor "National Stockman and Farmer."
- C. D. SMITH, Ph. D., Director Michigan Agricultural Experiment Station.
- J. O. THOMPSON, D. D., Secretary State Board of Agriculture, and Editor "Farm Review."
- J. B. GARVIN, Farmers' Institute Superintendent.
- W. D. ZINN, Member State Board of Agriculture.
- B. H. HITE, M. S., Chief Chemist Experiment Station.
- S. B. BROWN, A. M., Professor of Geology and Mineralogy.
- J. L. SHELDON, Ph. D., Bacteriologist.
- W. H. BOUGHTON, C. E., Professor of Civil Engineering.
- W. K. BRAINERD, B. S., Instructor in Dairying.
- T. E. HODGES, A. M., Professor of Physics.
- T. C. JOHNSON, A. M., Horticulturist.
- HORACE ATWOOD, M. S. Agr., Instructor in Poultry Industry.
- P. B. REYNOLDS, D. D., Professor of Economics.
- J. N. DEAHL, A. M., Professor of Education.
- F. P. RUHL, D. V. S., Instructor in Veterinary Science.
- W. E. RUMSEY, B. Agr., Entomologist.
- F. E. Brooks, Special Agent Agricultural Experiment Station.

SPECIAL OPPORTUNITIES FOR FARMERS

The movement for agricultural education is one of the most prominent and most important educational movements of today in the United States. It is now realized that the farmer must be specially educated for his business as well as the engineer or the doctor or the teacher for his. Farming, in its various branches, will not be a success until this principle is put into practice. To help in supplying this demand, West Virginia University offered last winter (in addition to its regular courses in Agriculture running through the school year and its short courses confined to the Winter term) a special

FOUR WEEKS' LECTURE COURSE

in the month of January. The immense good received by those present and their hearty appreciation of the course, led the University management to continue this work for the farmers of West Virginia. And so during the four weeks beginning the second Monday in January, 1905, special opportunities for the farmers of West Virginia will be again offered. Five lectures a day, one hundred lectures in all, will be given on subjects of the greatest practical interest and importance to farmers. These lecture periods will be an hour each in length, and the lectures will be given by experts in their particular subjects. It will be a kind of "farmers' institute" of the highest class, conducted by specialists, and crowding as much as possible into four weeks at the season most convenient for farmers generally. No two lectures will be given at the same hour.

SCHOOL OF METHODS FOR INSTITUTE WORKERS.

The first week of this course will be devoted principally to a School of Methods for Farmers' Institute Workers, which will be conducted by Hon. John Hamilton, Institute Specialist, United States Department of Agriculture, Washington, D. C., and Alva Agee, Editor "National Stockman and Farmer," assisted by T. C. Atkeson, W. D. Zinn and J. O. Thompson. The special object of this School of Methods is to prepare men to conduct and instruct farmers' institutes in West Virginia, and to make the farmers' institutes of the state more efficient and more uniform.

Mr. Hamilton and Mr. Agee are the most eminent specialists in the country, and the opportunity thus afforded is a notable one.

SCHOOL OF METHODS AT CHARLESTON.

To accommodate the institute workers in the southern part of the State, a School of Methods will be conducted at Charleston in the old Supreme Court rooms in the Capitol building, during the week of January 22-28. Director C. D. Smith of the Michigan Experiment Station will take Mr. Hamilton's place. Director Smith is one of the most prominent institute instructors in the northwest. Institute Superintendent Garvin will assist at Charleston.

APPROVED BY THE BOARD OF AGRICULTURE.

The State Board of Agriculture at its last meeting unanimously endorsed this School of Methods for Institute Workers, and ordered that in appointing institute workers for next year preference will be given to those who attend this School of Methods, either at Morgantown or at Charleston.

COURSES OF INSTRUCTION.

The School of Methods (at Morgantown January 9-14.)

Note.—The day lectures will be given in Room 25, Martin Hall, and the evening lectures in Commencement Hall.

Monday, January 9.

- 9:00 A. M. "Institute Organization," T. C. Atkeson.
9:30 A. M. "Suggestions to Farmers' Institute Lecturers,"
John Hamilton.
10:30 A. M. Round Table, conducted by Alva Agee.
1:30 P. M. "Some of the Obstacles Which We Have Met,"
W. D. Zinn.
2:00 P. M. Address by J. O. Thompson.
2:30 P. M. "Some Things an Institute Lecturer Needs," Alva
Agee.
3:30 P. M. Round Table, conducted by John Hamilton.
8:00 P. M. Address by President D. B. Purinton.

Tuesday, January 10.

- 9:00 A. M. "The Relation of the Agricultural College to Farmers' Institutes," T. C. Atkeson.

- 9:30 A. M. "Suggestions for the Local Managers of Farmers' Institutes," John Hamilton.
- 10:30 A. M. Round Table, conducted by Alva Agee.
- 1:30 P. M. "Promptness," W. D. Zinn.
- 2:00 P. M. Address by J. O. Thompson.
- 2:30 p. m. "Faults Easy to Acquire," Alva Agee.
- 3:30 P. M. Round Table, conducted by John Hamilton.
- 8:00 P. M. Address by Secretary James Wilson, or a Representative.

Wednesday, January 11.

- 9:00 A. M. "Agricultural Education," T. C. Atkeson.
- 9:30 A. M. "Suggestions to the Presiding Officer of a Farmers' Institute," John Hamilton.
- 10:30 A. M. Round Table, conducted by Alva Agee.
- 1:30 P. M. "How Shall We Interest the Young People?" W. D. Zinn.
- 2:00 P. M. Address by J. O. Thompson.
- 2:30 P. M. "Some Truths for Emphasis in West Virginia Institutes," Alva Agee.
- 3:30 P. M. Round Table, conducted by John Hamilton.
- 8:00 P. M. Lecture, "Farming as a Business," John Hamilton.

Thursday, January 12.

- 9:00 A. M. "The Relation of the Experiment Station to Farmers' Institutes," T. C. Atkeson.
- 9:30 A. M. "Illustrative Material for Institute Work," John Hamilton.
- 10:30 A. M. Round Table, conducted by Alva Agee.
- 1:30 P. M. "The Necessity of Simplifying Our Instruction," W. D. Zinn.
- 2:00 P. M. Address by J. O. Thompson.
- 2:30 P. M. "Institute Systems in Some Other States," Alva Agee.
- 3:30 P. M. Round Table, conducted by John Hamilton.
- 8:00 P. M. Lecture, "The New Agriculture," Alva Agee.

Friday, January 13.

- 9:00 A. M. "Agricultural Organization," T. C. Atkeson.
- 9:30 A. M. "The Cooperation of the United States Department of Agriculture with Farmers' Institutes," John Hamilton.
- 10:30 A. M. Round Table, conducted by Alva Agee.

- 1:30 P. M. "Object Lesson and Charts," W. D. Zinn.
2:00 P. M. Address by J. O. Thompson.
2:30 P. M. "Duties of the Local Management," Alva Agee.
3:30 P. M. Round Table, conducted by John Hamilton.
8:00 P. M. Lecture, "The Man With the Hoe," J. O. Thompson.
Note.—If desired there will be lectures also on Saturday,
January 14.

THE SCHOOL OF METHODS AT CHARLESTON.

The program of the School of Methods to be held at Charleston under the auspices of the College of Agriculture will be similar to the Morgantown program, except that Director Smith of Michigan will take the place of Mr. Hamilton as a conductor.

LECTURE COURSE CONTINUED.

Animal Feeds and Feeding.

Five lectures, 8:30 a. m., January 16-20. T. C. Atkeson, Room 22, Woodburn Hall.

Veterinary Science.

Ten lectures, with clinics, 10:30 a. m., January 16-27. F. P. Ruhl, Room 25, Martin Hall.

Plant Diseases.

Thirteen lectures, with laboratory illustrations, 1:30 p. m., January 16-February 3. J. L. Sheldon, Room 10, Experiment Station.

Horticulture.

Ten lectures, with laboratory illustrations, 2:30 p. m., January 16-20 and January 30-February 3. T. C. Johnson, Room 9, Experiment Station.

Dairying.

Five lectures, with work in the Dairy laboratory, 3:30 p. m., January 16-20. W. K. Brainerd, Room 25, Martin Hall.

Chemistry of Soils and Fertilizers.

Ten lectures, 8:30 a. m., January 23-February 3. B. H. Hite, Room 25, Martin Hall.

Geology In Its Relation to Agriculture.

Five lectures, 2:30 p. m., January 23-27. S. B. Brown, Room 30, Science Hall.

Rural Engineering Problems.

Ten lectures on Farm Surveying, Road Building, and Farm Drainage, 3:30 p. m., January 23-February 3. W. H. Boughton, Room 25, Martin Hall.

Animal Breeding.

Five lectures, 10:30 a. m., January 30-February 3. W. K. Brainerd, Room 25, Martin Hall.

Economic Entomology.

Five lectures, 9:30 a. m., January 23-27. W. E. Rumsey and F. E. Brooks, Room 25, Martin Hall.

Poultry Culture.

Five lectures, 9:30 a. m., January 16-20. Horace Atwood, Room 25, Martin Hall.

Agricultural Physics.

Five lectures, 8:00 p. m., January 16-20. Thomas E. Hodges, Room 11, Science Hall.

Country School Problems.

Two lectures, 8:00 p. m., January 23 and 24. J. N. Deahl, Room 24, Woodburn Hall.

Rural Economics.

Three lectures, 8:00 p. m., January 25-27. P. B. Reynolds, Room 12, Science Hall.

EXPENSES.

The only cost to West Virginians for the entire four weeks' lecture course, including the School of Methods for Institute Workers, will be the contingent fee of \$3.00.

Fee for the School of Methods alone, either at Morgantown or at Charleston, \$1.00.

Room and board will cost about \$4.00 a week. Information as to rooming and boarding places may be had by writing to Professor T. C. Atkeson, Morgantown, W. Va.

WEST VIRGINIA UNIVERSITY

Thoroughly modern instruction by specialists is given in the following subjects:

Agriculture	French Language	Military Science
Anatomy	French Literature	Mineralogy
Astronomy	Geology	Mining Engineering
Bacteriology	German Language	Music
Biblical Literature	German Literature	Pathology
Botany	Greek Language	Philosophy
Civil Engineering	Greek Literature	Physical Training
Chemistry	History	Physics
Commercial Branches	Horticulture	Physical Geography
Dairying	Italian Language	Physiology
Economics	Italian Literature	Political Science
Education	Latin Language	Rhetoric
Electrical Engin'ring	Latin Literature	Spanish Language
English Language	Law	Spanish Literature
English Literature	Mathematics	Sociology
Elocution	Manual Training	Sunday School Methods
Entomology	Mechanical Eng'ng.	Veterinary Science
Fine Arts	Medicine	Zoology

If you are interested in any regular or special course, collegiate, professional, technical, or preparatory, the State will be glad to serve you, tuition free, through the University. The winter term will begin January 3, the spring term March 28, and the Summer School June 19, 1905.

The Summer School has students from every section of the State and from many States. The session for 1905 will have many famous Instructors.

Catalogues are sent upon request and questions are answered with pleasure.

D. B. PURINTON, Ph. D., LL. D., President,
Morgantown, W. Va.