Apply now to attend one or more.





FARMERS AND FARMERS' SONS FROM EVERY COUNTY—(a) attending the live stock judging classes; (b) in the seed-judging classe, room. At very small expense they acquired practical information that has added many dollars to their incomes.

These Valuable Agricultural Short Courses Are Held for the Special Benefit of Farmers and Farmers' Sons by

They are entirely free—no fees, no books, no examinations required, while railway fare may be secured at reduced rates. Study this calendar carefully, decide which courses will be most valuable to you, then make plans to attend. You are cordially invited to be present at as many as you can, at a season when it is most convenient for you to get away for a

Factory Dairy: January 2nd to March 22nd, 3 months.

This prepares young men to become managers of cheese factories and creameries. The college dairy is furnished with all modern appliances and a first-class dairy herd is maintained. There is a steady demand for men, at good salaries, with the knowledge and practice this course gives.

Stock and Seed Judging: January 8th to 19th, 2 weeks.

For farmers engaged in mixed farming this course is especially valuable. The best up-to-date instruction is given in the judging, feeding and management of all kinds of live stock; the purity, germination, cleaning, varieties and best cultural methods of all Ontario field crops; and the identification and eradication of weeds. The college has the finest of equipment for this work and the course is among the most popular and profitable of all.

Poultry Raising: January 8th to February 2nd, 4 weeks.

Both men and women attend this course. All problems of the poultry raiser are considered and the student gets practical instruction in building poultry houses, feeding laying hens, fattening and dressing, operating incubators, candling eggs, principles of breeding, judging, hatching and rearing, profitable feeding, etc. Accommodation for this class is limited amd applications should be made early.

Bee-keeping: January 8th to 19th, 2 weeks.

Instruction given in this course includes: management of bees during every season, bee diseases, requeening, preparation of supplies, wax rendering, and every other possible phase of the industry. As some of the instruction cannot be given efficiently in the winter a summer course is also held the second week in June. As bee-keeping is an especially profitable industry these course are receiving an ever widening recognition.

Drainage & Drainage Surveying: January 8th to 19th, 2 weeks.

This course trains any farmer to do his own surveying, ditching and laying of tile. An especially strong feature is the complete course of instruction given in operating the traction ditcher and other ditching machinery. As hundreds of thousands of acres of low-lying land in this province may be made immensely more productive and profitable by underdrainage this course has attracted much attention and is well at-

Business and Marketing: January 8th to 19th, 2 weeks.

, Instruction in these subjects is given at night only so all students attending other courses may take advantage of it. Bookkeeping, banking, co-operative buying and selling and farm business problems generally are thoroughly discussed. The vital necessity of the best business management in farming is now so widely recognized that this course will be among most patronized of all.

Horticulture: January 21st to March 2nd, 6 weeks.

A re-organization of this short course has now made it among the most efficient of any given on this continent. During the first two weeks a complete course in fruit growing is given, during the second two vegetable growing is treated, and during the last two landscape gardening is given special attention. Every practical phase of each question is thoroughly discussed. Time cannot be better spent by the young fruitgrower than at this course.

Farm Power: January 21st to February 2nd, 2 weeks.

There is a special and urgent demand now for men who can efficiently operate farm tractors. This course is instituted to train such operators. Thorough instruction is given in farm tractors, gasoline engines, electric motors and farm machinery generally. No farmer contemplating the purchase of a tractor can afford to miss this course.

Farm Dairying: January 23rd to February 19th, 4 weeks.

Dairying is a highly specialized branch of farming and requires special knowledge. This course treats thoroughly the science and practise of this important industry. A total of \$125 in cash is given in scholarships at the dairy short courses. As the course of instruction begins just as the stock and seed judging course ends, students may take advantage of both. Those who cannot remain the full period are invited to attend as long as they can.

sting and Cow-feeding: March 25th to April 3rd, 10 days.

This important course gives complete instruction in the testing of cows for records, and in the scientific feeding of dairy cows. Good positions are available to those who complete the course satisfactorily.

Ice Cream and Soft Cheese Making: March 25th to 30th, 1 week. These two courses, each a week in duration, qualify students as special-

ists in the manufacture of these dairy products. All interested are requested to write for more complete information.

Our safety depends now entirely upon the efficiency of each Canadian citizen. These courses have been instituted to increase efficiency in farm management. A study of the foregoing schedule will satisfy you that practical and valuable information may be secured at them regarding:

The best varieties of grains and roots.

The most profitable breeds of cattle, sheep, swine and poultry. The manufacture of highest quality butter and cheese.

Best orchard methods.

Production of finest honey.

Farm tractors, gasoline engines and motors. Reclaiming land by underdrainage.

Business management on the farm. Making the vegetable garden pay.

Most approved methods of selling farm produce.

Plan now for next season's crops. Every British citizen will do his duty in 1918.

For an illustrated short-course calendar explaining all details of each short course, write the Secretary, Ontario Agricultural College, Guelph.

ONTARIO DEPARTMENT OF AGRICULTURE, Parliament Bldgs., Toronto

SIR WM. H. HEARST Minister of Agriculture

DR. GEO. C. CREELMAN



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