



Production Horticulture

BECOME A GROWING SUCCESS!

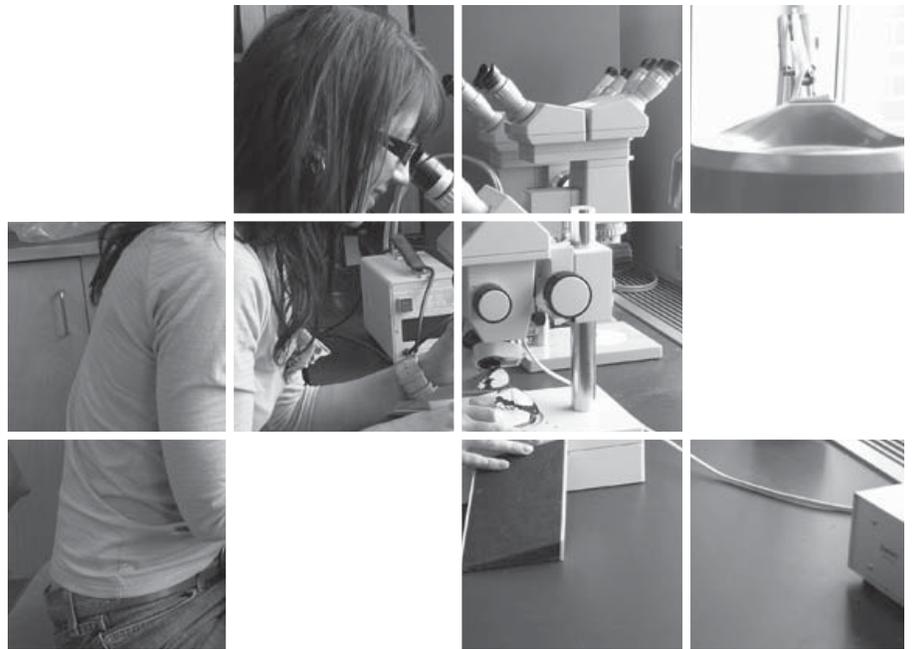
Grow your career in the essential and dynamic field of Production Horticulture. Get the experience and training you need in greenhouse and field production. Develop skills in growing, marketing and management that you know you need for a vital and successful Production Horticulture career. Get this and more with a Production Horticulture diploma at Olds College.

CAREER OPPORTUNITIES

The Production Horticulture industry offers careers across a broad spectrum of greenhouse and field businesses. Graduates can become technicians/growers in either existing or new crop ventures. The horticulture marketing industry also needs graduates with a good understanding of crop production and business practices.

Typical positions for those with a Production Horticulture diploma include:

- Assistant grower
- IPM technician
- Propagator
- Garden centre supervisor
- Marketing and sales representative to the horticulture industry



PROGRAM DESCRIPTION

Production Horticulture is an increasingly important part of the economy both in traditional and specialty crops. The Production Horticulture diploma gives you a broad exposure to the diverse and critically important greenhouse and field production sectors of the horticulture industry. You'll combine practical training in the classroom with hands-on experience with labs in the field and greenhouses. Your ability as a grower will be further complemented as you learn the basic supervisory and marketing skills required for a successful Production Horticulture career.

Your 1st year will introduce you to the basics of greenhouse and horticulture field crop production. First year includes core courses in plant and soil science, entomology, pathology, propagation, irrigation and communications.

By 2nd year, you'll have selected an area of concentration for more specialized training in either greenhouse management or nursery production.

Choose Greenhouse Management and you'll gain knowledge and experience in greenhouse crop production, pest management and commercial greenhouse operation in the production of both floral and food crops. Choose Nursery/Field Production and you'll study the varied aspects of field production of landscape plants, fruits, vegetables, cut flowers and other specialty crops.

Admission Requirements

Applicants must have the following:

- Alberta High School Diploma or its equivalent with:
 - a) 50% or better in English Language Arts 30-1 or 30-2
 - b) 50% or better in Pure Math 20 or Applied Math 20
 - c) 50% or better in Biology 20 and Chemistry 20 OR Science 30.
- Alternate Admissions Status - General Requirements:
 - a) May be required to meet specific course and program requirements
 - b) Acceptance will be based on approval of the Program Coordinator and the Registrar's Office

*Please refer to the current Olds College Academic Calendar for further details concerning Alternate Admissions Status.

WHAT PEOPLE SAY ABOUT US

"If they were not properly trained, we would not have hired as many Olds College Horticulture graduates as we have over the years. We have certainly been pleased with your students, and will continued to employ them in the future."

Bill Hole

*Hole's Greenhouses and Gardens Ltd.
St. Albert, Alberta*

"The Greenhouse Management program at Olds College tells you what you need to know and is a stepping stone to a successful horticulture career. It gave me the insight into the horticulture industry I needed to start planning my own business."

Tim Moreland

Sherwood Park, Alberta

"Not only did I really enjoy the program, it broadened my horizons, exposing me to the wide variety of opportunities available in horticulture."

*Lora Malowary
Edmonton, Alberta*

COMM	122	3	Oral Communications
COMP	109	3	Information Processing I
ENTM	150	3	Applied Entomology
HORT	106	6	Plant Materials I
HORT	130	2	Pruning Practices
HORT	141	4	Introduction to Production Horticulture
HORT	150	2	Soft Landscape Practices
HORT	167	2	Horticulture Equipment
HORT	249	5	Greenhouse Structures & Systems
HORT	261	3	Bedding Plant Production



HORT	285	0	Work Experience
MGMT	150	3	Human Relations
PATH	131	3	Intro Plant Pathology
PLNT	100	3	Applied Botany
PLNT	123	3	Plant Physiology
PLNT	167	5	Introduction Plant Propagation
SOIL	100	3	Soil Investigations
SOIL	208	3	Specialty Soils
WATR	202	3	Introduction to Irrigation & Water Quality

SECOND YEAR COURSES

September - March

Greenhouse Concentration

ENTM	361	3	Greenhouse/Interior Insects
ENVI	210	3	Pesticide Application & Safety

ENVI	261	3	Applied Ecology
HORT	248	3	Floristry Field & Plasticulture Tunnel Production
HORT	331	6	Olericulture II
HORT	332	6	Floriculture I
HORT	333	6	Floriculture II
HORT	461	3	Greenhouse Management
MGMT	250	3	Management Process & Practice
MKTG	150	6	Principles of Marketing
PATH	341	4	Diseases of Horticultural Production Crops
PLNT	220	3	Weeds & Weed Control

(Plus Required Electives - Any two of the following three plant material courses):

HORT	207	3	Woody Plants
HORT	208	3	Herbaceous Plants
HORT	209	3	Indoor Plants

(Plus Recommended Electives - minimum 6 credits):

ACCT	142	3	Accounting for Horticulture
ENVI	261	3	Applied Ecology
HORT	205	3	Prairie Fruit Production
HORT	244	3	Nursery Management
HORT	330	7	Olericulture I
HORT	450	3	Organic Regulation & Certification

Nursery & Field Production Concentration

ENTM	350	5	Horticulture Entomology
ENVI	210	3	Pesticide Application & Safety
HORT	205	3	Prairie Fruit Production
HORT	244	3	Nursery Management
HORT	248	3	Floristry Field & Plasticulture Tunnel Production
HORT	330	7	Olericulture I
HORT	331	6	Olericulture II
MGMT	250	3	Management Process & Practice
MKTG	150	6	Principles of Marketing
PATH	341	4	Diseases of Horticulture Production Crops
PLNT	220	3	Weeds & Weed Control

Plus Required Electives (Any two of the following three plant materials courses):

HORT	207	3	Woody Plants
HORT	208	3	Herbaceous Plants
HORT	209	3	Indoor Plants

Plus Recommended Electives (minimum 6 credits):

ACCT	142	3	Accounting for Horticulture
ENVI	202	3	Tree Biology
ENVI	261	3	Applied Ecology
HORT	450	3	Organic Regulation & Certification

PRODUCTION HORTICULTURE DIPLOMA COURSES

FIRST YEAR COURSES

September - March

COMM	120	3	Technical Writing
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Join us for one of our campus visit days:

www.oldscollege.ca/visit

Take a campus tour:

Call 403-507-7715 for an appointment

Give us a call:

403-507-7715 or 1-800-661-6537
TTY: 403-507-7921

Email us:

info@oldscollege.ca

Visit our website:

www.oldscollege.ca

Write us:

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