

2004-2005 Diploma Program Calendar

The information published in this Diploma Calendar outlines the rules, regulations, curricula, programs and fees for the 2004-2005 academic year, including the Summer Semester 2004, the Fall Semester 2004 and the Winter Semester 2005.

For your convenience the Diploma Calendar is available in PDF format.

If you wish to link to the Diploma Calendar please refer to the Linking Guidelines.

Collège d'Alfred

Keptville College

Agricultural College

Ridgetown College

The University is a full member of:

- The Association of Universities and Colleges of Canada

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University of Guelph 2004

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X. Associate Diploma Programs

Program Information

As a result of an enhanced contract agreement between the University of Guelph and the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) effective April 1, 1997, the Agricultural Colleges at Alfred (French Language), Kemptville and Ridgetown now operate as Colleges of the University of Guelph. Two-year diploma programs are offered at the Ontario Agricultural College, University of Guelph and at the three regional Colleges with financial support from OMAFRA.

The diploma programs will continue to offer a blend of the theoretical and practical courses designed to prepare graduates to assume a broad range of positions in the agricultural and food industries. All programs offer courses in applied science, business management, production and marketing. Specific diploma programs offered at more than one College have standardized core curricula to ensure common standards are maintained. Common core courses are supplemented with electives at all Colleges with specific regional specializations. Students may elect to spend a semester (or more) at a different location to access special electives, or to access degree courses at the University.

All programs are offered on a standardized schedule at all four locations. The programs run for two semesters beginning in September until late April followed by a one semester summer break. Second year classes resume in the following semester and students graduate in the Spring with an Associate Diploma.

ASSOCIATE DIPLOMA PROGRAMS AND LOCATIONS

A: Alfred (French Language); G: Guelph; K: Kemptville; R:Ridgetown.

	A	G	K	R
Agriculture	X		X	X
Environmental Management				X
Food, Nutrition and Risk Management			X	
Horticulture			X	X
Turfgrass Management		X		
Veterinary Technology				X

Associate Diploma in Agriculture

This program provides a practical, skills-oriented approach to agricultural production systems and affords its students an opportunity to improve their business and managerial skills. Diploma in Agriculture students integrate practical experience in agricultural production with the technical and scientific information that is required to successfully operate modern food production enterprises. Business management, computer skills, and problem solving activities provide students with the abilities they require as self-employed managers of production systems, and as technical/sales employees of agri-business firms, commodity boards, and other agencies related to the agri-food system.

Alfred, Kemptville and Ridgetown Colleges offer a general program that includes the core course requirements for the Diploma supplemented with elective courses with specialization in particular areas of study available as shown in the table. Students have the option of moving to one of the other colleges for one or two semesters of study. Students at all colleges have access to the general curriculum and students at each college receive the same diploma at graduation. Semester 3 is normally the best semester to study at another college, particularly if it has a specialization and additional courses in which a student is interested. Students will be encouraged to consider these intercollege transfer opportunities with their program counsellor.

Areas of Study

A: Alfred (French Language); K: Kemptville; R:Ridgetown

	A	K	R
Animal Production, Business and Field Crops	X	X	X
Equine Option		X	
Fruit and Vegetable Crops		X	X
International Development	X		

Required Courses

Semester 1 - Fall

DAGR*1000	[0.50]	Livestock Systems
DAGR*1200	[0.50]	Applied Plant Science
DAGR*1300	[0.50]	Soil Principles
DAGR*1350	[0.50]	Agricultural Mechanization and Safety
DAGR*1600	[0.50]	Applied Mathematics
DAGR*1610	[0.50]	Computer Applications
DAGR*1620	[0.25]	Computer Applications - Part I (Ridgetown Only)
DAGR*1720	[0.25]	Communication Skills - Part I (Ridgetown Only)

Semester 2 - Winter

DAGR*2100	[0.50]	Marketing and Policy
DAGR*2110	[0.50]	Business Accounting
DAGR*2600	[0.50]	Communication Skills
DAGR*2620	[0.25]	Computer Applications - Part II (Ridgetown Only)
DAGR*2720	[0.25]	Communication Skills - Part II (Ridgetown Only)

1.50 elective credits

Note

At some locations DAGR*1350 may be scheduled in semester two and DAGR*2600 may be scheduled in semester one to accommodate faculty and/or physical resource availability; DAGR*2600 and DAGR*1610 may be scheduled both F and W at some locations to accommodate the need for laboratory facilities.

Semester 3 - Fall

DAGR*3600	[0.50]	Food Systems
DAGR*4100	[0.50]	Commodity Marketing (Collège d'Alfred only)

2.50 elective credits (2.00 elective credits at Collège d'Alfred)

Semester 4 - Winter

2.50 elective credits (Collège d'Alfred only)

OR

DAGR*4600	[0.50]	Human Resource Management (Ridgetown only)
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One of:

DAGR*4610	[0.50]	Business Project
DAGR*4620	[0.50]	Farm Project

An additional 2.00 elective credits

Electives - Associate Diploma in Agriculture

Agriculture students must take at least 6.00 elective credits, 3.00 of which may be from programs other than Agriculture.

Some electives are offered subject to a minimum enrolment. Some DAGR* electives are common to several diploma programs.

A student may only choose or be awarded credit for a maximum of 2 (1.00 credits) of the following Experiential Learning options including Experiential Learning courses, Special Study projects, In-Service Training courses, or Field Placement courses. It is preferable that an Experiential Learning course is started the summer before the third academic semester. See course descriptions for DAGR*3510 and DAGR*3900.

OFFERED AT ALFRED

Semester 1

DAGR*1250	[0.50]	Identification of Herbs and Aromatic Plant
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Semester 2

DAGR*2000	[0.50]	Animal Science
DAGR*2200	[0.50]	Crop Management I
DAGR*2210	[0.50]	Applied Weed Science
DAGR*2360	[0.50]	Machinery Maintenance *
DAGR*2370	[0.50]	Small Engines *
DAGR*2400	[0.50]	Organic Plant Production
DAGR*2450	[0.50]	Production of Herbs and Aromatic Plants Under Shelter
DAGR*2500	[0.50]	International Development
DAGR*2650	[0.25]	In-Service Training

Semester 3

DAGR*1500	[0.50]	Spanish Conversation
DAGR*3000	[0.50]	Beef Production
DAGR*3010	[0.50]	Dairy Production
DAGR*3050	[0.50]	Livestock Production Techniques
DAGR*3120	[0.50]	Business Marketing
DAGR*3130	[0.50]	Sales and Sales Management
DAGR*3140	[0.50]	Creating Your Business *
DAGR*3200	[0.50]	Crop Management
DAGR*3210	[0.50]	Insect and Disease Management
DAGR*3300	[0.50]	Land and Water Stewardship
DAGR*3350	[0.50]	Welding *
DAGR*3400	[0.50]	Organic Fertilization

DAGR*3500	[0.50]	Agricultural Extension and International Communication
DAGR*3550	[0.50]	Dry Tropics Agriculture *
DAGR*3600	[0.50]	Food Systems
DAGR*3700	[0.50]	Agroforestry

Semester 4

DAGR*4010	[0.50]	Animal Health
DAGR*4040	[0.50]	Small Ruminant Animal Production *
DAGR*4050	[0.50]	Dairy Cattle Nutrition and Selection
DAGR*4060	[0.50]	Alternative Animal Agriculture *
DAGR*4100	[0.50]	Commodity Marketing *
DAGR*4240	[0.50]	Biodynamic Production
DAGR*4250	[0.50]	Post-Harvest Handling and Storage *
DAGR*4300	[0.50]	Processing and Storage of Herbs and Aromatic Plants
DAGR*4310	[0.50]	Production of Herbs and Aromatic Plants
DAGR*4350	[0.50]	Farm Structures and Environment
DAGR*4400	[0.50]	Organic Animal Production
DAGR*4500	[0.50]	Developing Country In-Service Training
DAGR*4550	[0.50]	Humid Tropics Agriculture *
DAGR*4640	[0.50]	Leadership Skills Development *

*course offered in alternate years only

OFFERED AT KEMPTVILLE**Semester 2**

DAGR*2000	[0.50]	Animal Science
DAGR*2200	[0.50]	Crop Management I
DAGR*3020	[0.50]	Livestock Evaluation
DAGR*3210	[0.50]	Insect and Disease Management
DAGR*2360	[0.50]	Machinery Maintenance
DAGR*2370	[0.50]	Small Engines
DAGR*4350	[0.50]	Farm Structures and Environment

Semester 3

DAGR*2210	[0.50]	Applied Weed Science
DAGR*3000	[0.50]	Beef Production
DAGR*3010	[0.50]	Dairy Production
DAGR*3030	[0.50]	Sheep Production
DAGR*3050	[0.50]	Livestock Production Techniques
DAGR*3120	[0.50]	Business Marketing
DAGR*3200	[0.50]	Crop Management
DAGR*3250	[0.50]	Fruit Production
DAGR*3260	[0.50]	Vegetable Production
DAGR*3300	[0.50]	Land and Water Stewardship
DAGR*3350	[0.50]	Welding
DAGR*3360	[0.50]	Grain Elevator Equipment and Feed Formulation
DAGR*3700	[0.50]	Agroforestry

Semester 4

DAGR*3020	[0.50]	Livestock Evaluation
DAGR*3350	[0.50]	Welding
DAGR*3130	[0.50]	Sales and Sales Management
DAGR*4000	[0.50]	Pork and Poultry Production
DAGR*4010	[0.50]	Animal Health
DAGR*4050	[0.50]	Dairy Cattle Nutrition and Selection
DAGR*4060	[0.50]	Alternative Animal Agriculture
DAGR*4100	[0.50]	Commodity Marketing
DAGR*4200	[0.50]	Cropping Systems
DAGR*4210	[0.50]	Crop Diagnostics and Recommendations
DAGR*4220	[0.50]	Organic Production
DAGR*4250	[0.50]	Post-Harvest Handling and Storage
DAGR*4350	[0.50]	Farm Structures and Environment
DAGR*4700	[0.50]	Advanced Agroforestry

OFFERED AT RIDGETOWN**Semester 2**

DAGR*2000	[0.50]	Animal Science
DAGR*2200	[0.50]	Crop Management I
DAGR*2210	[0.50]	Applied Weed Science
DAGR*2270	[0.50]	Mushroom Production
DAGR*2360	[0.50]	Machinery Maintenance
DAGR*2370	[0.50]	Small Engines

Semester 3

DAGR*3000	[0.50]	Beef Production
DAGR*3010	[0.50]	Dairy Production
DAGR*3040	[0.50]	Pork Production
DAGR*3110	[0.50]	Business Finance
DAGR*3120	[0.50]	Business Marketing
DAGR*3130	[0.50]	Sales and Sales Management
DAGR*3150	[0.50]	Agricultural Environmental Stewardship

DAGR*3200	[0.50]	Crop Management
DAGR*3210	[0.50]	Insect and Disease Management
DAGR*3250	[0.50]	Fruit Production
DAGR*3260	[0.50]	Vegetable Production
DAGR*3350	[0.50]	Welding
DAGR*3360	[0.50]	Grain Elevator Equipment and Feed Formulation

Semester 4

DAGR*4010	[0.50]	Animal Health
DAGR*4020	[0.50]	Poultry Production
DAGR*4050	[0.50]	Dairy Cattle Nutrition and Selection
DAGR*4070	[0.50]	Swine Reproduction and Farrowing Management
DAGR*4100	[0.50]	Commodity Marketing
DAGR*4200	[0.50]	Cropping Systems
DAGR*4210	[0.50]	Crop Diagnostics and Recommendations
DAGR*4230	[0.50]	Grain Grading/Seed Production
DAGR*4260	[0.50]	Advanced Vegetable Production
DAGR*4270	[0.50]	Horticultural Crop Protection
DAGR*4350	[0.50]	Farm Structures and Environment
DAGR*4630	[0.50]	Internet and Web Page Design

Associate Diploma in Agriculture - Equine Option

This program provides a practical, skills-oriented approach to agricultural production systems as well as the opportunity to specialize in the equine field. At the same time students have the opportunity to improve their business and managerial skills. Diploma in Agriculture - Equine Option students integrate practical experience with the technical and scientific information that is required to be successful in a number of equine and/or agriculture related ventures. Business management, computer skills, and problem solving activities provide students with the abilities they require as self-employed managers of equine facilities, and as technical / sales employees of agri-business firms, commodity boards, and other agencies related to the agri-food system or the equine industry.

All colleges offer a general program that includes the core course requirements for the Diploma supplemented with elective courses. However, the Equine Option program is unique to Kemptville College. Diploma in Agriculture - Equine Options students frequently combine their diploma studies with certificates in riding, coaching and horsemanship or standard bred. Descriptions for these and other equine certificates are available elsewhere in this calendar.

Required Courses**Semester 1 - Fall**

DAGR*2810	[0.50]	Stable Management I
DAGR*1300	[0.50]	Soil Principles
DAGR*1350	[0.50]	Agricultural Mechanization and Safety
DAGR*1600	[0.50]	Applied Mathematics
DAGR*1610	[0.50]	Computer Applications
DAGR*1800	[0.50]	Equine Anatomy and Physiology

Semester 2 - Winter

DAGR*1200	[0.50]	Applied Plant Science
DAGR*2110	[0.50]	Business Accounting
DAGR*2600	[0.50]	Communication Skills
DAGR*2820	[0.50]	Change to Stable Management II
DAGR*3820	[0.50]	Horse Feeds and Feeding

0.50 elective credits

Semester 3 - Fall

DAGR*3100	[0.50]	Business Management
DAGR*3810	[0.50]	Horse Conformation and Lameness
DAGR*4810	[0.50]	Horse Health

1.50 elective credits

Semester 4 - Winter

DAGR*4600	[0.50]	Human Resource Management
DAGR*4610	[0.50]	Business Project
DAGR*4800	[0.50]	Equine Conditioning
DAGR*4820	[0.50]	Equine Reproduction and Selection

1.00 elective credits

Electives

Agriculture students must take at least 3.00 elective credits, all of which may be from programs other than Agriculture.

Some electives are offered subject to a minimum enrolment. Some DAGR* electives are common to several diploma programs.

A student may only choose or be awarded credit for a maximum of 2 (1.00 credits) of the following experiential learning options including Experiential Learning courses, Special Study projects, In-Service Training courses, or Field Placement courses. It is preferable that an Experiential Learning course is started the summer before the third academic semester. See course descriptions for DAGR*3510 and DAGR*3900.

Semester 2

DAGR*2010	[0.50]	Applied Microbiology
DAGR*2360	[0.50]	Machinery Maintenance
DAGR*2370	[0.50]	Small Engines

Semester 3

DAGR*2240	[0.50]	Crop Management (Equine)
DAGR*3120	[0.50]	Business Marketing
DAGR*3300	[0.50]	Land and Water Stewardship
DAGR*3350	[0.50]	Welding
DAGR*3920	[0.50]	Applied Biochemistry
DAGR*3930	[0.50]	Equine Alternative Therapies
DAGR*3940	[0.50]	Laboratory Techniques I

Semester 4

DAGR*1750	[0.50]	Coaching Techniques
DAGR*3130	[0.50]	Sales and Sales Management
DAGR*4830	[0.50]	Care and Management of an Equine Business
DAGR*4840	[0.50]	Laboratory Techniques II

Associate Diploma in Environmental Management

Students interested in environmental issues and solutions may choose from two educational diploma streams within the Environmental Management Diploma offered at Ridgetown College and at Collège d'Alfred. This program applies technical and practical skills training in both a municipal / industrial stream as well as a rural / agricultural stream. The program is designed to address the critical shortage of trained and qualified sewage and/or water plant operators, and to train and certify personnel to assist growers in addressing the new nutrient management regulations that will affect all farms across Ontario.

Required Courses**Semester 1 - Fall**

DAGR*1300	[0.50]	Soil Principles
DAGR*1620	[0.25]	Computer Applications - Part I
DAGR*1620	[0.25]	Computer Applications - Part I
DAGR*1720	[0.25]	Communication Skills - Part I
DENM*1000	[0.50]	Environmental Science and Issues
DENM*1050	[0.50]	Fundamentals of Government and Organizations
DENM*1100	[0.50]	Surveying and GIS

Semester 2 - Winter

DAGR*2620	[0.25]	Computer Applications - Part II
DAGR*2720	[0.25]	Communication Skills - Part II
DENM*2000	[0.50]	Occupational Health and Safety
DENM*2050	[0.50]	Site Assessment
DENM*2100	[0.50]	Ecology
DENM*2150	[0.50]	Water Resource Management
DENM*2200	[0.50]	Environmental Monitoring

Semester 3 - Fall

DAGR*4600	[0.50]	Human Resource Management (Collège d'Alfred only)
DENM*3000	[0.50]	Data Analysis and Statistics
DENM*3050	[0.50]	Environmental Law
DENM*3100	[0.50]	Introduction to Applied Microbiology
DENM*4000	[0.50]	Business Practices and Ethics (Ridgetown only)
Two of:		
DENM*3150	[0.50]	Agriculture and Environmental Stewardship
DENM*3160	[0.50]	Agricultural Chemicals in the Environment
DENM*3200	[0.50]	Water Treatment
DENM*3210	[0.50]	Sewage & Waste Water Treatment

Semester 4 - Winter

DAGR*4600	[0.50]	Human Resource Management (Ridgetown only)
DENM*4000	[0.50]	Business Practices and Ethics
DENM*4050	[0.50]	Environmental Project
DENM*4100	[0.50]	Land Use Planning
DENM*4150	[0.50]	Sampling and Analysis
Two of:		
DENM*4200	[0.50]	Watershed Management and Conservation
DENM*4210	[0.50]	Nutrient Management
DENM*4250	[0.50]	Industrial Waste Management
DENM*4260	[0.50]	Spills Response Planning

Associate Diploma in Food, Nutrition and Risk Management

The Food, Nutrition and Risk Management Diploma provides students with a solid foundation in food and nutrition, food processing and safety, and in risk management issues. The combination of courses covering these topics, plus a field placement experience, allows students to graduate with a flexibility to move between careers in the health care and the food industry sectors. Career opportunities can be found in: food service

management in health care, long term care and commercial facilities; food and equipment sales; nutrition education and in nutrition counseling for wellness. Food industry positions can be found in: quality assurance; product development; food inspection and in food production.

Required Courses Offered at Kemptville and Collège d'Alfred**Semester 1 - Fall**

DAGR*1600	[0.50]	Applied Mathematics
DAGR*1610	[0.50]	Computer Applications
DFN*1020	[0.50]	Food Preparation and Theory
DFN*1060	[0.50]	Introduction to Nutrition
DFN*1190	[0.50]	Introduction to Food Processing
DFN*1200	[0.50]	Safe Food Handling

Semester 2 - Winter

DAGR*2600	[0.50]	Communication Skills
DFN*2020	[0.50]	Nutrition and Health
DFN*2130	[0.50]	Food Cost Control
DFN*2140	[0.50]	Introduction to Food Service
DFN*2200	[0.50]	Food Service Design and Equipment
DFN*2250	[0.50]	Food Microbiology

Semester 3 - Fall

DAGR*4600	[0.50]	Human Resource Management
DFN*3030	[0.50]	Nutrition in Health and Disease
DFN*3070	[0.50]	Food Chemistry
DFN*3200	[0.50]	Catering Management

1.00 elective credits

Semester 4 - Winter

DFN*4010	[0.50]	Advanced Nutrition in Disease
DFN*4030	[0.50]	Food, Beverage, Labour Cost Control
DFN*4250	[0.00]	Field Placement
DFN*4110	[0.50]	Product Development and Marketing
DFN*4200	[0.50]	Management Case Study

1.00 elective credits

Electives

DFN*2420	[0.50]	Cultural Food Practices
DFN*2440	[0.50]	Sensory Evaluation
DFN*4070	[0.50]	Advanced Topics in Food Processing
DFN*4160	[0.50]	Food Biotechnology
DFN*4170	[0.50]	Food Hazard Analysis
DFN*4210	[0.50]	Nutrition Myths and Facts

Associate Diploma in Horticulture

The nursery, landscaping, turf and floriculture segments of the horticulture industry are areas of sustained growth and development in Ontario and Canada. The Diploma in Horticulture program provides a basic curriculum in ornamental horticulture and an opportunity to take specialized courses in various components of the industry. Practical experience and training complements the more formal material presented in lectures and provides an opportunity to acquire the practical skills required in greenhouse and landscaping firms.

The Diploma in Horticulture program is offered at Kemptville College and Ridgetown College and prepares students for a variety of career opportunities in landscaping, nursery and greenhouse firms, municipal parks and golf courses, garden centres and private businesses.

Required Courses**Semester 1 - Fall**

DAGR*1200	[0.50]	Applied Plant Science
DAGR*1300	[0.50]	Soil Principles
DAGR*1600	[0.50]	Applied Mathematics
DAGR*1610	[0.50]	Computer Applications
DAGR*1620	[0.25]	Computer Applications - Part I
DAGR*1720	[0.25]	Communication Skills - Part I
DHRT*1000	[0.50]	Landscape Management
DHRT*1050	[0.50]	Plant Identification I

Semester 2 - Winter

DAGR*2110	[0.50]	Business Accounting
DAGR*2600	[0.50]	Communication Skills
DAGR*2620	[0.25]	Computer Applications - Part II
DAGR*2720	[0.25]	Communication Skills - Part II
DHRT*2000	[0.50]	Greenhouse Management
DHRT*2100	[0.50]	Landscape Design I
DHRT*2200	[0.50]	Plant Propagation

0.50 elective

Semester 3 - Fall

DAGR*3100	[0.50]	Business Management
DHRT*3050	[0.50]	Plant Identification II

2.00 elective credits (1.50 elective credits at Ridgetown); students may also select Independent Study courses with approval

Semester 4 - Winter

DAGR*4600	[0.50]	Human Resource Management
DHRT*4000	[0.50]	Ornamental Plant Protection
DHRT*4050	[0.50]	Certification and Safety

1.00 elective credits

One of:

DAGR*4610	[0.50]	Business Project
DAGR*4620	[0.50]	Farm Project

Electives

Horticulture students must take at least 3.50 elective credits, 3.00 credits of which may be from programs other than Horticulture.

Students may choose one Experiential Learning course and one Special Project course as electives. The Experiential Learning course is preferably to be started in the summer before the third academic semester. See the course descriptions for DHRT*3510 and DHRT*3910.

OFFERED AT KEMPTVILLE**Semester 3**

DAGR*3130	[0.50]	Sales and Sales Management
DAGR*3300	[0.50]	Land and Water Stewardship
DAGR*3250	[0.50]	Fruit Production
DAGR*3350	[0.50]	Welding
DAGR*3700	[0.50]	Agroforestry
DHRT*3090	[0.50]	Landscape Construction
DHRT*3100	[0.50]	Landscape Design II
DHRT*3150	[0.50]	Nursery Management
DHRT*3160	[0.50]	Turf Management
DHRT*3170	[0.50]	Horticultural Weed Science

Semester 4

DAGR*2370	[0.50]	Small Engines
DAGR*3260	[0.50]	Vegetable Production
DAGR*4250	[0.50]	Post-Harvest Handling and Storage
DAGR*4700	[0.50]	Advanced Agroforestry
DHRT*3300	[0.50]	Greenhouse Crop Production
DHRT*4010	[0.50]	Floral Design and Retailing
DHRT*4100	[0.50]	Computer Assisted Design

OFFERED AT RIDGETOWN**Semester 2**

DAGR*2270	[0.50]	Mushroom Production
DAGR*2370	[0.50]	Small Engines

Semester 3

DHRT*3090	[0.50]	Landscape Construction
DHRT*3100	[0.50]	Landscape Design II
DHRT*3150	[0.50]	Nursery Management
DHRT*3160	[0.50]	Turf Management
DHRT*3170	[0.50]	Horticultural Weed Science

Semester 4

DAGR*4630	[0.50]	Internet and Web Page Design
DHRT*3010	[0.50]	Fruit and Vegetable Production
DHRT*3300	[0.50]	Greenhouse Crop Production
DHRT*4010	[0.50]	Floral Design and Retailing
DHRT*4100	[0.50]	Computer Assisted Design
DHRT*4300	[0.50]	Arboriculture

Associate Diploma in Turfgrass Management

Turfgrass management is a dynamic and growing sector across Canada and throughout the world. The Diploma in Turfgrass Management is a focused curriculum that will provide students with the skills to succeed in this competitive industry. The program utilizes the collaborative resources of the Guelph Turfgrass Institute which includes University of Guelph faculty and staff, industry professionals and the grounds, workshop and laboratory facilities of the Institute. Practical and scientific study is combined with a required summer work semester to provide students with a wide range of experience and knowledge. The Diploma in Turfgrass Management is offered only at the Guelph campus and prepares students for a variety of career opportunities including golf course management, lawn care, sports field management, parks management, sod production and related supply and service businesses.

All courses in the Associate Diploma in Turfgrass Management are restricted to students enrolled in the program.

All students are required to work full time for at least 15 weeks in the summer following winter semester 2. Work must be in the field of turfgrass management. In semester 2, students must seek, interview for, and secure employment in consultation with the program coordinator. Prior to the end of semester 2, students must complete fall semester 3 pre-registration and a formal learning contract among themselves, the employer and the program coordinator. Academic requirements for the work semester as indicated in the course description of DTM*3100, Current Turf Practices.

Required Courses**Semester 1 - Fall**

DTM*1000	[0.50]	The Turf Industry
DTM*1100	[0.50]	Plant Biology
DTM*1200	[0.50]	Turf Equipment
DTM*1300	[0.50]	Turf Soil Principles
DTM*1400	[0.50]	Landscape Plants
DTM*1500	[0.50]	Communication Skills

Semester 2 - Winter

DTM*2000	[0.50]	Turf Management I
DTM*2100	[0.50]	Turf Irrigation and Drainage
DTM*2200	[0.50]	Computers and Math for Turf
DTM*2300	[0.50]	Business and Finance for Turf
DTM*2400	[0.50]	Landscape Design
DTM*2500	[0.50]	Arboriculture

Semester 3 - Fall

DTM*3000	[0.50]	Turf Management II
DTM*3100	[0.50]	Current Turf Practices
DTM*3200	[0.50]	Turf Diseases
DTM*3300	[0.50]	Turf Insects and Weeds
DTM*3400	[0.50]	Landscape Construction

0.50 elective credits

Semester 4 - Winter

DTM*4000	[0.50]	Turf Management III
DTM*4100	[0.50]	Turf Environmental Management
DTM*4200	[0.50]	Golf Course Design and Construction
DTM*4300	[0.50]	Turf Case Studies
DTM*4400	[0.50]	Human Resources Management

0.50 elective credits

Electives

Students in Turfgrass Management are required to take 1.00 elective credits, 0.50 credits in each of semesters 3 and 4, selected from this list.

Semester 3

DTM*3800	[0.50]	Special Study Project
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Semester 4

DTM*3800	[0.50]	Special Study Project
Independent Study Course 762, Marketing Management		
Independent Study Course 765, Retail Management		
Independent Study Course 766, Business Law for Golf Managers		

Associate Diploma in Veterinary Technology

This program is offered at Ridgetown College only, and is designed for students interested in a career working with and caring for animals. The program is designed to provide the technical training and knowledge required to become veterinary technicians working in association with practising veterinarians. Students take a comprehensive range of courses and training related to the care of food and laboratory animals, as well as companion and sport animals. All students are required to complete a four-week externship during the final semester.

This program is fully accredited by the Canadian Veterinary Medical Association (CVMA). Students may select 1 of 2 delivery options for this program.

Option 1 - Conventional Program (4 semesters over 2 years)**Note**

All courses are compulsory. Progression into the subsequent semester is dependent on the successful completion of each course in the previous semester. No elective courses are offered in this program.

Semester 1 - Fall

DVT*2000	[0.50]	Companion Animal Management
DVT*2010	[0.50]	Anatomy and Physiology
DVT*2020	[0.50]	Haematology
DVT*2030	[0.50]	Communications
DVT*2040	[0.50]	Medical Exercises
DVT*2050	[0.50]	Urinalysis

Semester 2 - Winter

DVT*2000	[0.50]	Companion Animal Management
DVT*2010	[0.50]	Anatomy and Physiology
DVT*2020	[0.50]	Haematology
DVT*2030	[0.50]	Communications
DVT*2040	[0.50]	Medical Exercises
DVT*2050	[0.50]	Urinalysis

Semester 3 - Fall

DVT*3000	[0.50]	Laboratory Animal Science
DVT*3010	[0.50]	Animal Nursing I
DVT*3020	[0.50]	Diagnostic Techniques I
DVT*3030	[0.50]	Radiography I
DVT*3040	[0.50]	Pharmacology
DVT*3050	[0.50]	Surgical and Anaesthetic Principles I

Semester 4 - Winter

DVT*4000	[0.50]	Dentistry
DVT*4010	[0.50]	Animal Nursing II
DVT*4020	[0.50]	Diagnostic Techniques II
DVT*4030	[0.50]	Radiography II
DVT*4040	[0.50]	Hospital Management
DVT*4050	[0.50]	Surgical and Anaesthetic Principles
DVT*4060	[0.00]	Externship W. [Pass/Fail]

Option 2 - Alternative Program (1 year semesters over 3 years)**Note**

All courses are compulsory. Progression into the subsequent semester is dependent on the successful completion of each course in the previous semester. No elective courses are offered in this program.

Year 1**Fall Distance Education Courses**

DVT*1000	[0.50]	Livestock Production and Management
DVT*1030	[0.50]	Biochemistry and Genetics

Winter Distance Education Courses

DVT*1070	[0.50]	Laboratory Techniques
DVT*2000	[0.50]	Companion Animal Management
DVT*2050	[0.50]	Urinalysis

Summer Courses (On-Campus)

DVT*1000	[0.50]	Livestock Production and Management
DVT*1010	[0.50]	Anatomy and Physiology I
DVT*1040	[0.50]	Medical Exercises
DVT*1070	[0.50]	Laboratory Techniques
DVT*1080	[0.50]	Laboratory Quality Assurance
DVT*2000	[0.50]	Companion Animal Management
DVT*2020	[0.50]	Haematology
DVT*2030	[0.50]	Communications
DVT*2040	[0.50]	Medical Exercises
DVT*2050	[0.50]	Urinalysis

Year 2**Fall Distance Education Courses**

DVT*2010	[0.50]	Anatomy and Physiology
DVT*3010	[0.50]	Animal Nursing I

Winter Distance Education Courses

DVT*3050	[0.50]	Surgical and Anaesthetic Principles I
DVT*4010	[0.50]	Animal Nursing II

Summer Courses (On-Campus)

DVT*2010	[0.50]	Anatomy and Physiology
DVT*2030	[0.50]	Communications
DVT*2040	[0.50]	Medical Exercises
DVT*3010	[0.50]	Animal Nursing I
DVT*3020	[0.50]	Diagnostic Techniques I
DVT*3030	[0.50]	Radiography I
DVT*3050	[0.50]	Surgical and Anaesthetic Principles I

Year 3**Fall Distance Education Course**

DVT*3040	[0.50]	Pharmacology
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Winter Distance Education Course

DVT*4040	[0.50]	Hospital Management
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Summer Courses (On-Campus)

DVT*3000	[0.50]	Laboratory Animal Science
DVT*3020	[0.50]	Diagnostic Techniques I

DVT*4000	[0.50]	Dentistry
DVT*4010	[0.50]	Animal Nursing II
DVT*4030	[0.50]	Radiography II
DVT*4030	[0.50]	Radiography II
DVT*4040	[0.50]	Hospital Management
DVT*4050	[0.50]	Surgical and Anaesthetic Principles

Degree Transfer Option

Students from any of the regional colleges (Alfred, Guelph, Kemptville, Ridgetown) are eligible to consider the degree transfer option to the following degree programs at the University of Guelph:

Bachelor of Arts

Bachelor of Commerce (Agricultural Business or Hotel and Food Administration majors)

Bachelor of Science in Agriculture

In order to be eligible for consideration for transfer students must have completed semesters one and two with a cumulative average of 70%, and they must meet the basic entrance requirements of the desired degree program. Students may also complete their studies at the other regional colleges and apply for degree admission following graduation under one of the Credit Transfer Agreements outlined in Section IV--Admission Information. Credits for courses completed in an Associate Diploma program will be assigned at the time of admission to a degree program as determined by the appropriate program committee.

Distance Education

The University of Guelph offers diploma-level courses and certificate programs in horticulture and landscaping and in agriculture and food via Open Learning. Many diploma courses and one horticultural certificate program are available in French via Teleformation at Collège d'Alfred. Open Learning and Teleformation courses are in the distance independent study delivery mode.

Many of the diploma courses are directly transferable to agricultural college residential diploma programs but are not recognized as part of the courseload for full- or part-time students status but at present, the following Open Learning courses are transferable to the Associate Diploma in Agriculture or Horticulture programs provided that they are available and permission to take these Open Learning courses is given by the program counsellor prior to registration in them

Diploma Credit Courses	Independent Study Courses (Equivalents)
Agriculture	
DAGR*1200	335 Applied Plant Science
DAGR*1300	201 Soil Science
DAGR*1600	319 Math for Farm Managers
DAGR*2110	336 Financial Accounting
DAGR*2200	304 Forages
DAGR*2210	315 Weed Control in Agriculture
DAGR*2600	317 Communications
DAGR*3300	232 Land and Water Resources
Electives	(each course listed below is equivalent to 1 elective course) 202 Business Management Principles 230 The Complete Beekeeper 305 Pet/Animal Care I 323 Animal Diseases and Parasites 324 Pharmacology 350 Certified Crop Protection Consultant
Horticulture	
DAGR*1300	2 Soils for Hort. Crops
DAGR*1300	66 Weed Control in Horticulture
DHRT*2100	70 Elements of Garden Design
DHRT*2200	8 Elementary Plant Propagation
DHRT*3090	69 Landscape Construction Techniques
DHRT*3150	77 Nursery Production
DHRT*3160	16 Turf Management
DHRT*3170	66 Weed Control in Horticulture
DHRT*4000	4 Ornamental Plant Protection
DHRT*4200	38 Golf Course Design and Construction

Electives	(each course listed below is equivalent to 1 elective course) 28 Landscape Planning of Large Areas 63 Starting a Green Business 64 The Naturalized Landscape 68 Landscape Graphic Techniques 73 The Home Gardener 74 Conserving Woodlands 66 Weed Control in Horticulture 606 Viticulture 609 Wine Marketing: An Introduction for Canadians
Turfgrass Management	
Electives	each course listed below is equivalent to 1 elective course) 64 The Naturalized Landscape 762 Marketing Management 765 Retail Management 766 Business Law for Golf Managers

Please check with the Office of Open Learning regarding the technology and resource requirements (e.g. computer, modem, VCR, audio cassette recorder etc.) for the specific course(s).

Two or more Open Learning Courses for one credit (elective) in the Diploma Program are as follows:

Agriculture	
DAGR*2000	321 Livestock Production Systems 322 Animal Physiology
1 elective course	307 Feed Technology 308 Animal and Poultry Health 311 Feed Regulation
1 elective course	309 Animal Nutrition 310 Feed Formulation
1 elective course	314 Energy on the Farm 326 Field Sprayers
1 elective course	600 Meats I 601 Meats II 602 Meat Technology
Horticulture	
DHRT*1050	71 Woody Plants 54 Landscaping with Bedding Plants
DHRT*2000	12 Greenhouse Management 62 Commercial Floriculture
1 elective course	Any two of: 191 The Horticulturist I 192 The Horticulturist II 193 The Horticulturist III
2 elective courses	If all three #191, #192, #193
Turfgrass Management	
DTM*1400	71 Woody Plants 54 Landscaping with Bedding Plants

Distance Education / Open Learning

The Distance Education program, administered by the Office of Open Learning at the University of Guelph, supports the departments in offering degree credit courses to students. Distance education allows learners to study at home or in their office, according to their own schedules - there are no classes to attend. Courses may come with a variety of learning resources, including: manuals, videotapes, audiotapes, audio CDs, DVDs, computer diskettes, CD-ROMs, etc., depending on the nature of the course. As well, most courses incorporate computer conferencing, e-mail, computer based quizzes and the use of the Internet. Distance education provides a contemporary means through which the University of Guelph continues its tradition of outreach and open learning opportunities.

Please consult the Office of Open Learning:

Office of Open Learning

Room 160, Johnston Hall

519-767-5000

e-mail: INFO@OPEN.UOGUELPH.CA

for an updated listing on courses available by distance education and when they are scheduled to be offered.

Note