



# **ANSC\*4230 Challenges and Opportunities in Dairy Cattle Production**

Fall 2020

Section(s): C01

Department of Animal Biosciences

Credit Weight: 0.50

Version 1.00 - August 05, 2020

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## **1 Course Details**

### **1.1 Calendar Description**

This course will provide senior level students with experience in working as a team to propose solutions to dairy cattle industry problems. Teams of students will critically assess dairy cattle-related businesses at the farm or industry level under the supervision of a faculty member.

**Pre-Requisites:** ANSC\*3080, ANSC\*3120, MBG\*3060

**Restrictions:** Instructor consent required.

### **1.2 Timetable**

Monday class sessions, 11:30 a.m. to 2:20 p.m., Online synchronous delivery

Dairy farm challenges will occur (by face-to-face delivery, location TBD, if class size permits) on:

1. Friday, October 2nd, 4:00-10:00pm and Saturday, October 3rd, 9:00am to 1:00pm
2. Friday, October 23rd, 4:00-10:00pm and Saturday, October 24th, 9:00am to 1:00pm
3. Friday, November 20th, 4:00-10:00pm and Saturday, November 21st, 9:00am to 1:00pm
4. Friday, December 4th, 4:00-10:00pm and Saturday, December 5th, 9:00am to 1:00pm

### **1.3 Final Exam**

No final exam.

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## 2 Instructional Support

### 2.1 Instructional Support Team

<b>Instructor:</b>	Trevor DeVries
<b>Email:</b>	tdevries@uoguelph.ca
<b>Telephone:</b>	+1-519-824-4120 x54081
<b>Office:</b>	ANNU 237
<b>Office Hours:</b>	Instructors for this course have no office hours. Contact the instructor through email to set up an appointment.

### 2.2 Faculty Coach/Judge

Mark Carson, EastGen, Guelph  
Email: mark.carson@eastgen.ca

Matt Groen, Purina-Cargill, Guelph  
Email: Matt\_Groen@cargill.com

Graduates from ANSC\*4230 in previous years are also invited to return as judges. These individuals are usually employed in the Ontario Dairy Industry or are graduate students in Animal Science or Animal Health Management.

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## 3 Learning Resources

### 3.1 Additional Resources

#### **Other Resources (Other)**

In the week prior to each of the 4 farm challenges, Dairy Comp health and production data and information for each farm will be provided (by download from a secure site). A detailed farm description, Lactanet milk recording reports, and ration formulations will also be provided (by download from Courselink). Further, within 2 days of each of the farm challenges, virtual tours (videos and pictures) of the farms will be released online to the students (via Courselink).

### 3.2 Course Technology and Technical Support

#### ***CourseLink***

*This course is being offered using CourseLink (powered by D2L's Brightspace), the University of Guelph's online learning management system (LMS). By using this service, you agree to comply with the University of Guelph's Access and Privacy Guidelines. Please visit the D2L website to review the Brightspace privacy statement and Brightspace Learning Environment web accessibility standards.*

*<http://www.uoguelph.ca/web/privacy/> <https://www.d2l.com/legal/privacy/>  
<https://www.d2l.com/accessibility/standards/>*

### **Technical Support**

*If you need any assistance with the software tools or the CourseLink website, contact CourseLink Support.*

*Email: [courselink@uoguelph.ca](mailto:courselink@uoguelph.ca)*

*Tel: 519-824-4120 ext. 56939 Toll-Free (CAN/USA): 1-866-275-1478*

**Support Hours (Eastern Time):**

*Monday thru Friday: 8:30 am–8:30 pm*

*Saturday: 10:00 am–4:00 pm*

*Sunday: 12:00 pm–6:00 pm*

**Zoom**

This course will use Zoom for lectures. Check your system requirements to ensure you will be able to participate.

<https://opened.uoguelph.ca/student-resources/system-and-software-requirements>

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## **4 Learning Outcomes**



**Topics:** Labs

Labs consist of 4 (challenges), which include virtual farm tours (presented with video and pictures), along with health and production information, followed by analysis and report preparation/presentation. Each occasion will begin Friday afternoon at 4:00pm, through late Friday evening, with presentations beginning at 9:00am on the Saturday morning.

## 6 Assessments

### 6.1 Marking Schemes & Distributions

Name	Scheme A (%)
Challenge 1	25
Challenge 2	25
Challenge 3	25
Challenge 4	25
Total	100

### 6.2 Assessment Details

**Challenge 1 (25%)**

**Due:** Sat, Oct 3

**Challenge 2 (25%)**

**Due:** Sat, Oct 24

**Challenge 3 (25%)**

**Due:** Sat, Nov 21

**Challenge 4 (25%)**

**Due:** Sat, Dec 5

### 6.3 Assessment Details

Learning outcomes assessed:

Challenge 1: Learning outcomes 1, 2, and 3-optional

Challenge 2: Learning outcomes 1, 2, and 3-optional

Challenge 3: Learning outcomes 1, 2, and 3-optional

Challenge 4: Learning outcomes 1, 2, and 3-optional

There will be NO formal evaluation of the seminars beyond the team performance during challenges. We expect to have a range of interesting speakers from industry and the University and anticipate the class will want to attend out of interest in the topics being presented.

The course will be scheduled as four separate “challenges”, each involving a unique dairy farm, with each challenge occurring approximately every 3rd week of the semester:

Each challenge is focused and time-limited over a period of 10 days:

Day 1-6: Release of FarmBiosketch and Dairy Comp 305 data to teams.

Day 7-8: Videos and pictures of farm are released to students to view.

Day 9: Opportunity to ask questions of dairy producer (30 min), followed by team analysis of farm information and development of presentation (limited to 6 hours, Friday afternoon and evening).

Day 10: Team presentations (20 minutes/team) will be made to a panel of judges on Saturday morning and early afternoon.

Each team will be scored on the basis of their presentation (see NAIDC scorecard – at the end of this course outline). Each member of each team will be assigned the same score; so, we expect to see equal contribution by team members. The instructors believe that attendance (and/or viewing) throughout the presentations is important to the overall learning outcomes for this course. Therefore, attendance/viewing is mandatory unless previous approval for absence has been granted. Students arriving late or leaving the presentation early will be deducted one mark for each presentation missed.

The use of laptop computers and cellular phones by the audience during presentations is expressly forbidden.

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## 7 Course Statements

### 7.1 Code of Conduct

You will be provided one opportunity to ask questions of the farm owner/manager, under supervision of the instructors, otherwise you are not allowed to make any individual contact to discuss the farm with the owner or farm staff.

Contact with the other teams is discouraged. Within the teams, be respectful of the ideas of others, be committed to the task and exercise leadership without domination. All farm-related information provided to you is to be treated as strictly confidential. Please do not discuss farm details with other classmates not participating in Dairy Challenge or with family or friends. After each exercise is completed, any remaining information (data, videos, pictures,

files) should be securely destroyed. The only remaining evidence of your participation will be the team's PowerPoint presentation. This will be returned to Dr. DeVries, who will forward these to the participating farm for information.

## 7.2 Grading Policies

Each team will be scored on the basis of their presentation (see NAIDC scorecard on class Courselink site). The instructors believe that attendance throughout the presentations is important to the overall learning outcomes for this course. Attendance is therefore mandatory at the presentations unless previous approval for absence has been granted. Students arriving late or leaving the presentation early will be deducted one mark for each presentation missed.

The use of laptop computers and cellular phones by the audience during presentations is expressly forbidden.

## 7.3 Group Work

The aggregate performance of the group will be assessed using the NAIDC scorecard ([www.dairychallenge.org](http://www.dairychallenge.org)) with this score being awarded to each group member.

## 7.4 Netiquette Expectations

The course website is considered the classroom and the same protections, expectations, guidelines, and regulations used in face-to-face settings apply. Inappropriate behaviour will not be tolerated. Examples of inappropriate online behaviour include:

- Posting inflammatory messages about your instructor or fellow students;
- Using offensive language;
- Copying or presenting someone else's work as your own;
- Adapting information from the Internet without using proper citations or references;
- Buying or selling term papers or assignments;
- Posting or selling course materials to course notes websites;
- Having someone else complete your quiz or completing a quiz for/with another student;
- Stating false claims about lost quiz answers or other assignment submissions;
- Threatening or harassing a student or instructor;
- Discriminating against fellow students, instructors, and/or TAs;
- Using the course website to promote profit-driven products or services;
- Attempting to compromise the security or functionality of the learning management system; and
- Sharing your username and password



## 8 University Statements

### 8.1 Email Communication

As per university regulations, all students are required to check their e-mail account regularly: e-mail is the official route of communication between the University and its students.

### 8.2 When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml>

Graduate Calendar - Grounds for Academic Consideration

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions

<https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml>

### 8.3 Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all students (undergraduate, graduate and diploma) except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml>

Graduate Calendar - Registration Changes

<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-reg-regchg.shtml>

Associate Diploma Calendar - Dropping Courses

<https://www.uoguelph.ca/registrar/calendars/diploma/current/c08/c08-drop.shtml>

### 8.4 Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

## 8.5 Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website  
<https://www.uoguelph.ca/sas>

For Ridgetown students, information can be found on the Ridgetown SAS website  
<https://www.ridgetownc.com/services/accessibilityservices.cfm>

## 8.6 Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity, and it is the responsibility of all members of the University community-faculty, staff, and students-to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff, and students have the responsibility of supporting an environment that encourages academic integrity. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

Undergraduate Calendar - Academic Misconduct  
<https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

Graduate Calendar - Academic Misconduct  
<https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml>

## 8.7 Recording of Materials

Presentations that are made in relation to course work - including lectures - cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

## **8.8 Resources**

The Academic Calendars are the source of information about the University of Guelph's procedures, policies, and regulations that apply to undergraduate, graduate, and diploma programs.

Academic Calendars

<https://www.uoguelph.ca/academics/calendars>

## **8.9 Disclaimer**

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website (<https://news.uoguelph.ca/2019-novel-coronavirus-information/>) and circulated by email.

## **8.10 Illness**

The University will not require verification of illness (doctor's notes) for the fall 2020 or winter 2021 semesters.

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