ABOUT THE PROGRAM

If your goal is to become a successful dairy herdsperson, employee, or owner, this program provides a foundation of knowledge and skills to manage dairy cattle and to navigate the ever-changing dairy industry. Students participate in hands-on learning with various dairy operations as they develop solid herdsperson skills, proper management techniques, employability skills, and the ability to utilize technology to improve animal welfare and production. Courses focus on practical dairy applications, such as feeding, milk production, reproductive programs, animal records, communications, and employability.

PROGRAM OUTCOMES

• Manage herd nutrition.
• Manage herd reproduction.
• Manage herd health.
• Demonstrate farm and herd record management.

CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

LTC credits transfer to over 30 universities. For more information visit gotoltc.edu/future-students/transfer.

ADMISSIONS AND FIRST SEMESTER ENROLLMENT STEPS

- Submit online application.
- Complete the online Student Success Questionnaire.
- Schedule your 1st Time Program Counseling/Registration Session with your assigned program counselor to plan your first semester schedule, review your entire plan of study and discuss the results of the Student Success Questionnaire.

*Submit transcripts and test scores (optional, highly recommended): College transcripts, along with high school transcripts and test scores from within the last five years, used for course registration. Official transcripts needed for transferring college credit(s) and for financial aid purposes.

FUTURE SEMESTER ENROLLMENT STEPS

- Complete online Student Success Tutorial prior to registering for second semester.

APPROXIMATE COSTS

• $143.45 per credit tuition (WI resident) plus $8.61 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit gotoltc.edu/financial-aid/tuition-and-fees for details.

FINANCIAL AID

This program is eligible for financial aid. Visit gotoltc.edu/Financial-Aid or talk with your Admissions Advisor about how to apply for aid.

SPECIAL NOTE

Each student will be assigned to a farm for supervised, on-the-job training. An internship agreement will be completed and signed by both the student and farm representative. Students will complete an on-farm placement survey. Students of LTC's Dairy Herd Management program are eligible to receive national Artificial Insemination certification. To experience technology and demonstrations in industry, students are required to have transportation and participate in these lab activities throughout the year. Program students also have the opportunity to join PAS (Professional Agriculture Students) Organization and participate in their competitions and activities.

If you would like an associate degree focusing on dairy business operations, the Dairy Business Management ITS (Individualized Technical Studies) program may be your choice. Graduates of this Dairy Herd Management technical diploma can attend an additional year of agribusiness classes to achieve this associate degree focusing on Dairy Business Management.

CONTACT

LTC Admissions Advisor
920.693.1162 • Admissions@gotoltc.edu

Catalog No.	Class Title	Credit(s)
Term 1		
10091102	Dairy Cattle Management	3
10091103	Dairy Reproductive Management OR 10006124 Principles of Animal Breeding (3 cr) AND 10091135 Dairy Cattle AI Training (1 cr)	3
10091115	Nutrition Principles - Dairy	3
10091104	On-Farm Internship 1	1
10091117	Animal Records - Dairy	1
31804123	Math with Business Applications OR 10804123 Math with Business Applications	3
		14
Term 2		
10091105	Dairy Feeding Management	3
10091106	Dairy Management Applications OR 10006141 Livestock Production Systems (3 cr) AND 10091119 Dairy Management Site Farm Exp (1 cr)	3
10091107	Dairy Employability and Management	3
10091108	Quality Milk Production	3
10091109	On-Farm Internship 2	1
10091113	Dairy Issues and Advocacy	1
		14
		TOTAL 28

Curriculum and program acceptance requirements are subject to change. Program start dates vary; check with your program counselor for details. The tuition and fees are approximate based on 2022-2023 rates and are subject to change prior to the start of the academic year.

REAL EXPERIENCE FOR THE REAL WORLD

ANIMAL RECORDS - DAIRY…introduces learner to records management through hands-on applications including the set-up and use of computerized record-keeping software, completion of sample farm record problems utilizing computerized record-keeping systems, as well as the selection and implementation of various computerized record programs. Software tools, such as PCDART, CowManager, and DairyCOMP 305, will be utilized. COREQUISITE: 10091103 Dairy Reproductive Management

DAIRY CATTLE MANAGEMENT…introduces the student to herd health and preventative medicine through understanding cow behavior, signs of illness, metabolic disorders, infectious disease, vaccination programs, and herd records to develop and implement a herd-health protocol. Students will learn and use basic tools and equipment of herd health program, and will earn the Dairy Care 365 Certificate.

DAIRY EMPLOYABILITY AND MANAGEMENT…prepares students to be employees and/or managers on the dairy farm setting. Students will learn about setting goals to reach dairy industry benchmarks, and develop appropriate dairy farm management and conflict-resolution skills through the UWEX Employer of Choice training. Team-building activities, mock interviews, and job shadowing will develop skills necessary for successful employment. Students will gather and organize all pieces of their portfolio upon completion of the program.

DAIRY FEEDING MANAGEMENT…provides the student with proper harvesting and storage practices to ensure the best forage for the cow's diet. Students will learn diet specifications for each step of the cow's life cycle, ration formulations, developing feed inventories, and maximizing resource allocations. PREREQUISITE: 10091115 Nutrition Principles - Dairy or 10006144 Nutrition Principles

DAIRY ISSUES AND ADVOCACY…prepares students to be advocates for the dairy industry. With agriculture becoming more publicized and scrutinized every day, students will learn how to promote and apply these concepts within the industry. Students will learn the skills to talk and respond to dairy farm issues that the industry faces.

DAIRY MANAGEMENT APPLICATIONS…provides students with information to build protocols for dairy farm management. Students will learn about the proper environment, health protocols, and the care of cows in each part of their life cycle. Dairy Beef Quality Assurance and the F.A.R.M. programs will also be utilized. One-on-one rotations to selected site farms allow students to learn and practice troubleshooting and problem-solving on the farm. COREQUISITE: 10091102 Dairy Cattle Management

DAIRY REPRODUCTIVE MANAGEMENT…prepares participants for the mating and breeding of the dairy herd. Topics include linear evaluation, selection indexes, anatomy, hormonal cycles, artificial insemination, estrus detection, activity monitors, and genomics. Live cattle for artificial insemination practices are featured.

NUTRITION PRINCIPLES - DAIRY…instructs students in utilizing basic nutrition skills to analyze rations and complete basic ration formulations. This course introduces the principles of nutrition as presented on a comparative species basis including characteristics, physiological functions, interrelationships, and deficiency symptoms as they pertain to carbohydrates, fats, proteins, mineral elements, and vitamins. COREQUISITE: 10804123 Math with Business Apps or 31804123 Math w Business Apps

ON-FARM INTERNSHIP 1…provides the student with the ability and skills to perform industry expectations as a dairy herdsperson, including milking, feeding, calf care, scheduling, employer/employee communications, and general farm duties. Students work with their internship farm to complete the internship skills checklist. COREQUISITE: 10091115 Nutrition Principles-Dairy

ON-FARM INTERNSHIP 2…provides the student with enhanced skills, beyond the On-Farm Internship 1 course, to perform industry expectations as a dairy herdsperson, including milking, feeding, calf care, scheduling, employer/employee communications, and general farm duties. Students work with their internship farm to complete the internship skills checklist. PREREQUISITE: 10091104 On-Farm Internship 1

QUALITY MILK PRODUCTION…introduces the student to the process of how milk is produced and how to harvest it for a maximum profit to the farmer, including the major principles of milk secretion, the anatomy and physiology of the udder, milk letdown, proper milking practices, mastitis, efficient milking systems, and how to properly milk cows as well as treat and prevent udder infections.

MATH W BUSINESS APPS…covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, apply math concepts to the purchasing/buying process, apply math concepts to the selling process, and basic statistics with business/consumer applications. PREREQUISITE: 10834109 Pre-Algebra or Math placement assessment equivalent and COREQUISITE: 10838105 Intro to Reading and Study Skills or Reading placement assessment equivalent