

## Program Number 31-006-2 Technical Diploma • Two Terms

### ABOUT THE PROGRAM

If a career in agriculture is in your future, this program will help you to prepare to manage a successful agribusiness operation. You will gain experience in agricultural production management and technology, as well as management principles, finance, sales, economics, crop production, and animal fundamentals.

### PROGRAM OUTCOMES

- Apply relevant technologies.
- Investigate opportunities in agribusiness.
- Interact as a professional in agribusiness.

### CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

LTC credits transfer to over 30 universities. For more information visit [gotoltc.edu/future-students/transfer](http://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

- \$146.20 per credit tuition (WI resident) plus \$8.77 per credit student activity fee. Material fee varies depending on course. Other fees vary by program. Visit [gotoltc.edu/financial-aid/tuition-and-fees](http://gotoltc.edu/financial-aid/tuition-and-fees) for details.

### FINANCIAL AID

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

### SPECIAL NOTES

To experience technology and demonstrations in the industry and classroom, students should have transportation and participate in-person. Through PAS (Professional Agriculture Students), students participate in competitions and activities.

Program students are eligible to be issued a LTC laptop while learning and applying the software applications.

The program schedule is provided in the iFlex format, which allows you to take courses online, face-to-face, or flex between the two. To participate synchronously in class using videoconferencing software, a minimum of 5Mb as well as audio and visual capabilities on your computer is required.

Out-of-district students and working adults are able to take the program online, which also includes the expectation to complete assigned labs, technology exploration, and demonstrations.

Agriculture Technician graduates have the opportunity to complete Agribusiness Science and Technology Associate degree with one additional year of college.

### CONTACT

LTC Admissions Advisor  
 920.693.1162 • [Admissions@gotoltc.edu](mailto:Admissions@gotoltc.edu)

Catalog No.	Class Title	Credit(s)
<b>Term 1</b>		
10006112	Farm Business Management	3
10006114	Intro to Animal Science	3
10006116	Intro to Soil Science	3
10801196	Oral/Interpersonal Communications	3
10804123	Math with Business Applications	3
		<b>15</b>
<b>Term 2</b>		
10006110	Ag Finance & Accounting	3
10006122	Principles of Crop Production	3
10006124	Principles of Animal Breeding	3
10006134	Animal Records	1
10809195	Economics	3
10006128	Agribusiness Internship*	2
		<b>15</b>
		<b>TOTAL 30</b>

\*All students (online and in-person) work with instructor to select an appropriate internship based on their career goals.

*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 2023-2024 rates and are subject to change prior to the start of the academic year.*

**AGRIBUSINESS INTERNSHIP**...provides the student the opportunity to choose from a broad variety of occupational experiences in the agribusiness industry. Student will work with faculty to develop a plan and to identify, coordinate, and evaluate work-associated learning experiences as they relate to the major career focus of the student. **PREREQUISITE:** 10006112 Farm Business Management and **COREQUISITES:** 10006122 Principles of Crop Production, 10006124 Principles of Animal Breeding or 10091103 Dairy Reproductive Management

**AGRICULTURAL FINANCE AND ACCOUNTING**...introduces the learner to the basics of agricultural financial management including securing credit, working with financial statements (balance sheet, income statement, cash flows, owner equity) and investment analysis. Additionally, students will perform basic financial analysis, calculate depreciation, and prepare amortization schedules. Students will learn the basics of agricultural accounting and will practice using basic accounting software programs. **PREREQUISITE:** 10006112 Farm Business Management or **CONDITION:** 310011 Horticulture Technician and **COREQUISITE:** 10804123 Math with Business Apps

**ANIMAL RECORDS**...introduces learner to records management through hands-on applications including the setup and use of computerized record-keeping software, completion of a sample farm record problem utilizing computerized records, a review of various 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. **COREQUISITES:** 10006124 Principles of Animal Breeding

**ECONOMICS**...provides the participant with an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues. **COREQUISITE:** Reading placement assessment or equivalent

**FARM BUSINESS MANAGEMENT**...provides learner with basic business management practices including the development of a business plan, establishment of short and long range goals, identification and implementation alternatives for reaching goals, and development of strategies to monitor progress. The importance of designing a business mission statement based on goals is emphasized.

**INTRO TO ANIMAL SCIENCE**...provides animal science fundamentals including animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and animal-related safety.

**INTRO TO SOIL SCIENCE**...provides fundamentals of soil's physical properties, chemical properties, biological properties, soil formation, classification, essential nutrients and soil survey. There will be emphasis on soil and water conservation practices that can be used to reduce soil erosion.

**MATH WITH BUSINESS APPLICATIONS**...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. **COREQUISITE:** Math placement assessment or equivalent AND Reading placement assessment or equivalent

**ORAL/INTERPERSONAL COMMUNICATION**...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects. **COREQUISITE:** Reading placement assessment or equivalent

**PRINCIPLES OF ANIMAL BREEDING**...applies genetic principles and reproduction physiology to livestock improvement including elementary population genetics, phenotypic and genotypic effects of selection, selection methods, and systems of mating. **PREREQUISITE:** 10006114 Intro to Animal Science or 10091102 Dairy Cattle Management

**PRINCIPLES OF CROP PRODUCTION**...provides knowledge of crop and soil nutrient management, including use of both commercial fertilizers and manure. Course topics include purchase or lease options for land, agronomy consulting programs, tillage and conservation plans, soil nutrient plans, cropping plans, managing nutrient waste, crop harvest and storage and production records. **PREREQUISITE:** 10006116 Intro to Soil Science or 10091105 Dairy Feeding Management