

## 2022-23 Continuing Education for Ag Professionals & Farm Operators – Focusing on Production

Ag Ed Plus Production Certificate 19-006-8

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LTC Course Title	Catalog	Available/*Course Fee = \$156.56 (*A one-time additional \$4 fee per-semester will be assessed.)
Ag Education PLUS—Soil Science	30-093-316	Each class is available for students to attend <b>100% Online</b> or a <b>Combination of In-Person and Online</b> . Students may also choose to switch between the two on a weekly basis. See the in-person schedule below.
Ag Education PLUS—Livestock Nutrition	30-091-344	
Ag Education PLUS—Precision Ag Technologies	30-006-328	
Ag Education PLUS—Animal Breeding Concepts	30-091-324	
Ag Education PLUS—Herd Record Keeping	30-006-334	
Ag Education PLUS—Advanced Livestock Mgmt	30-091-342	

Completion of these five LTC Courses earns the “Ag Ed Plus Production” Certificate” of Completion

### Ag Education PLUS – Soil Science – Class Options

...assists the Ag Education PLUS in developing soil and water conservation practices to reduce soil erosion. The course includes fundamental of soil's physical properties, chemical properties, biological properties, soil formation, classification, essential nutrients, and soil surveys.

**Class 60066:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Tuesdays, 10am-12pm, August 23-December 13**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

### Ag Education PLUS – Herd Record Keeping – Class Options

...assists the Ag Education PLUS with the setup and use of a computerized record-keeping software package, including practice with sample herd records. A review of various recordkeeping systems, as well as the selection and implementation of various computerized record programs, are utilized.

**Class 20047:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Tuesdays, 10-12pm, January 24-March 21**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

### Ag Education PLUS – Livestock Nutrition – Class Options

...assists the Ag Education PLUS in analyzing and applying nutrition principles successfully with considerations of the physiological functions and deficiency symptoms as they pertain to carbohydrates, fats, proteins, mineral elements, and vitamins.

**Class 60065:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Thursdays, 9:30-11:30am, August 25-December 15**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

### Ag Education PLUS – Precision Ag Technologies – Class Options

...assists the Ag Education PLUS in exploring agricultural precision technologies including biotechnologies, application industries, livestock equipment, precision farming, financial resource management, plant protection, sustainable agriculture, and agricultural production.

**Class 60053:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Wednesdays, 12:30-2:25pm, August 24-December 14**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

### Ag Education PLUS – Animal Breeding Concepts – Class Options

...assists the Ag Education PLUS in applying genetic principles to livestock improvement including elementary population genetics, phenotypic and genotypic effects of selection, selection methods, and systems of mating.

**Class 20056:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Tuesdays, 1-3pm, January 24-May 9**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

### Ag Education PLUS – Advanced Livestock Management – Class Options

...provides the Ag Education PLUS with options pertaining to the financial impact of management decisions, personnel issues, computer systems, as well as the advanced study of dairy herd management systems including milking and feeding arrangements, herd health, and herd replacements.

**Class 20057:In-Person @ LTC School of Ag** (7003 Gass Lake Rd, Manitowoc), **Thursdays, 1-3:30pm, January 26-May 11**

Option: Attend through your Computer – you may also attend the in-person class from your computer at this scheduled time.

Plus **Online** – An additional lecture or learning activity, as well as the in-person content, is **100% online weekly**.

**To Register, call the LTC Registration Desk at 920-693-1366 – Ask for the Class Number listed with your class choice options.**

If you have questions about the classes, please email your program instructors for details: [Liz.Gartman@gotoltc.edu](mailto:Liz.Gartman@gotoltc.edu) or [Craig.Lallensack@gotoltc.edu](mailto:Craig.Lallensack@gotoltc.edu)

Paul Carlsen, Ph.D., President