

## 2019-20 Continuing Education for Ag Professionals & Farm Operators – Ag Ed Plus Production

Ag Ed Plus Production Certificate 19-006-8

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LTC Course Title	Catalog	Available/*Course Fee <small>(*A one-time additional \$6 fee per-school-year will be assessed.)</small>
Farm Operator--Soil Science	30-093-316	In Person (*\$149.19) & Online (\$159.19)
Farm Operator--Agronomy	30-093-336	In Person (*\$149.19) & Online (\$159.19)
Farm Operator--Dairy Nutrition	30-091-344	In Person (*\$149.19) & Online (\$159.19)
Farm Operator--New Technologies	30-006-328	In Person (*\$149.19) & Online by Request (\$159.19)
Farm Operator--Animal Breeding Concepts	30-091-324	In Person (*\$149.19) & Online (\$159.19)

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

### Farm Operator – Soil Science

...assists the farm operator 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.

**ONLINE Class** Class **60375** Aug 30- Dec 20

**In Person Classes** Class **60373** at LTC School of Ag (7003 Gass Lake Rd, Manitowoc) Tues & Wed, 10am-12noon, 8/28-12/18

Or Class **60374** at MPTC Fond du Lac Campus Tues & Wed, 10am-12noon, 8/28-12/18

### Farm Operator – Agronomy

...examines basic components of crops including plant growth, seed quality, plant parts, plant growth and development, plant classification, maturity systems, and seeding rates.

**ONLINE Class** Class **60397** Aug 30- Dec 20

**In Person Classes** Class **60395** at LTC School of Ag (7003 Gass Lake Rd, Manitowoc) Tues & Thurs, 1-3 pm, 8/29-12/19

Or Class **60396** at MPTC West Bend Campus Tues & Thurs, 1-3 pm, 8/29-12/19

### Farm Operator – Dairy Nutrition

...assists the farm operator 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.

**ONLINE Class** Class **20384** Jan 24 – May 8

**In Person Classes** Class **20382** at LTC School of Ag (7003 Gass Lake Rd, Manitowoc) Mon & Wed, 9-11 am, 1/20-5/6

Or Class **20383** at MPTC Fond du Lac Campus Mon & Wed, 9-11 am, 1/20-5/6

### Farm Operator – New Technologies

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

**ONLINE Class** Class **AVAILABLE ONLINE By Request – Contact Liz Gartman (below)**

**In Person Classes** Class **60401** at LTC School of Ag (7003 Gass Lake Rd, Manitowoc) Tuesdays, 8:30a-12:30p, 9/3-12/17

Or Class **60402** at MPTC Fond du Lac Campus Tuesdays, 8:30a-12:30p, 9/3-12/17

### Farm Operator – Animal Breeding Concepts

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

**ONLINE Class** Class **20378** Jan 24 – May 8

**In Person Classes** Class **20376** at LTC School of Ag (7003 Gass Lake Rd, Manitowoc) Mon & Thurs, 9:45-11:45 am, 1/20-5/7

Or Class **20377** at MPTC Fond du Lac Campus Mon & Thurs, 9:45-11:45 am, 1/20-5/7

**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 regarding the classes, please call or email your program instructors for specific details:

[Liz.Gartman@gotoltc.edu](mailto:Liz.Gartman@gotoltc.edu) 920-693-1258 | [Craig.Lallensack@gotoltc.edu](mailto:Craig.Lallensack@gotoltc.edu) 920-693-1259 | [Rachel.Kroeplien@GoToLTC.edu](mailto:Rachel.Kroeplien@GoToLTC.edu) 920-693-1241

**Note to MPTC Participants:** Moraine Park Technical College & Lakeshore Technical College together agree to provide FSA Borrower Training at both LTC & MPTC Campuses. Even though students may live in and attend classes in the MPTC District, all Registrations occur through LTC's Student Services.

Lakeshore Technical College is located at 1290 North Ave, Cleveland Wisconsin 53015. The new School of Agriculture's location is 7003 Gass Lake Rd, Manitowoc WI

Paul Carlsen, Ph.D., President