



Agricultural Production (605)

Certificate Program

ABOUT OUR PROGRAM

The Agricultural Production program provides the technical skills and occupational basics for the person wishing to enter or upgrade his/her skills. Students choosing to pursue an agricultural production certificate may choose either a crop production or dairy/livestock emphasis.

NATURE OF WORK AND EMPLOYMENT

Students completing this program will be qualified to engage in actual day-to-day operations of agricultural production either through direct ownership or as a manager of one or several facilities. Program graduates may operate a livestock, crop, or dairy production enterprise or serve as technical support in an agri-business. There are a variety of entrepreneurship or employment opportunities for the student who has an interest and technical ability in this area. The skills evolving from this program will provide the solid foundation needed for the practitioner or manager to operate successfully in today's highly competitive agricultural market.

SPECIAL CONSIDERATIONS

Students in this program must show satisfactory communications and mathematics achievement on the placement tests or completion of COMM 090 and MATH 059 or equivalent. Students may wish to seek advice about transfer information in the field or about the Agriculture transfer degree listed in this catalog. A workplace experience is encouraged and may be made available.

PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Scott Anderson, Dean of Business & Technology
- Justin Ebert, Agriculture Faculty
- Vicki Schulz, Student Advisor

Required Courses 30 Sem. Hours

* AGOC	240	Farm Business Management	3
* BUSN	141	Business Communications	3
BUSN	225	Personal Finance	3
* INFT	180	Introduction to Information Systems	3
		Select courses from Emphasis Area or Electives	18

Total Hours 30

**Crop Production Emphasis Required Courses 17 Sem. Hours

AGRI	286	Field Crop Science	4
AGRI	284	Introductory Soils	4
* AGOC	291	Plant Pest Identification and Control	3

Recommended electives (6 hours needed)

AGOC	222	Marketing Agricultural Products	3
* AGOC	285	Soil Fertility and Fertilizers	3
AGRI	182	Introductory Agricultural Mechanization	3

**Dairy/Livestock Production Emphasis Required Courses 18 Sem. Hours

AGRI	186	Introduction to Animal Science	4
AGOC	129	Livestock Production	
		- or -	4
AGOC	145	Dairy Production	
AGOC	242	Beef Management	
		- or -	
AGOC	243	Swine Management	3/4
		- or -	
AGOC	245	Dairy Management	

Recommended electives (6 hours needed)

AGOC	226	Animal Nutrition	4
AGOC	127	Forage Production	2
AGOC	143	Evaluation of Livestock Animals	2
AGOC	144	Evaluation of Dairy Animals	2

* Course has a prerequisite. See course descriptions.

In compliance with U.S. Department of Education disclosure guidelines, gainful employment statistics for certificate programs can be found at www.highland.edu/hcc_academics.

