



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 the General Agriculture emphasis may focus on agri-business, livestock, or crops following program completion. The Dairy Milker emphasis is a specific area of study that focuses on productivity, efficiency, and safety in modern practices of milking dairy cattle.

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 061 or equivalent.

Students may wish to seek advice about transfer information in the field or about the Agriculture transfer degree listed in this catalog.

PROGRAM CONTACTS

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

- Mr. Scott Anderson, Dean of Business & Technology
- Mr. Jim Setterstrom, Agriculture/Business Faculty
- Ms. Vicki Schulz, Student Advisor

Required Courses

30 Sem. Hours

AGRI 184	Introduction to Agricultural Economics	3
* BUSN 141	Business Communications (or COMM 101 or ENGL 121)	3
BUSN 225	Personal Finance	3
* INFT 180	Intro to Information Systems	3
	Select courses from emphasis area or elective	18

Total Hours

30

**General Agriculture Emphasis

Required courses 15 Sem. Hours

* AGOC 120	Principles of Farm Management	4
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Recommended electives (11 hours needed)

AGOC 240	Farm Business Records	3
AGRI 186	Introduction to Animal Science	4
AGRI 284	Introduction to Soils	4

Other

Any AGOC, AGRI, BUSN, ECON, INFT, or WELD

**Dairy Milker Emphasis

Required courses 18 Sem. Hours

AGOC 144	Evaluation of Dairy Animals	2
AGOC 145	Dairy Production	3

Recommended electives (13 hours needed)

AGOC 223	The Dairy Industry	3
AGOC 245	Dairy Management	3

Other

Any AGOC, AGRI, BUSN, ECON, INFT, or WELD

* Course has a prerequisite. See course descriptions.