

DAIRY TECHNICIAN DIPLOMA

The purpose of the dairy technician program is to train students to work in the expanding dairy industry in Nebraska. The dairy technician diploma is a “stepping stone” for students interested in involvement in the dairy industry. Career opportunities exist on an increasing number of large dairy farms in Nebraska. Opportunities also exist for developing working partnerships with family dairy farm operations. In addition, this program enables graduates to return to their own dairy farms with a focus on grass-based systems. With the increasing amount of milk being produced, career opportunities also exist in the milk and cheese processing industries. All coursework in the Dairy Technician Diploma program will apply as full credit towards the Associate of Arts Degree or the Associate of Science Degree.

Required Program of Study for Diploma (34 weeks)

First Semester		Second Semester	
Course	Credits	Course	Credits
AGRI 1010 Animal Science	3	AGRI 1230 Feeds and Feeding	3
AGRI 1340 Animal Science Lab	1	AGRI 1310 Agricultural Marketing System	3
AGRI 1420 Interpersonal Skills	3	AGRI 1320 Animal Reproduction Physiology	3
AGRI 2830 Advanced Animal Nutrition	2	AGRI 1500 Microcomputer Applications in Agriculture	3
MATH 1020 Technical Mathematics I	3	AGRI 2210 Animal Health	3
AGRI 1410 Introduction to the Economics of Agriculture	3	AGRI 2860 Dairy Production Management	2
	15		17
		Total Credit Hours	32

HORTICULTURE - GENERAL DIPLOMA

The general horticulture diploma is intended to train students to work in portions of the horticulture industry that do not require a full degree. This diploma can be used as a "stepping stone" for students who need to take a non-traditional approach to their career goals. The general horticulture courses help students develop a basic understanding of the science surrounding plants and their environment.

All coursework in the Horticulture - General Diploma program will apply as full credit towards Horticulture and Golf Course Management Associate of Applied Science Degree, the Associate of Arts Degree, or the Associate of Science Degree.

Required Program of Study for Diploma (1 year)

First Semester		Second Semester	
Course	Credits	Course	Credits
HORT 1010 Horticulture Science	4	HORT 1050 Commercial Turf Management	3
HORT 1025 Residential Turf Management	3	HORT 1060 Commercial Turf Management Lab	1
AGRI 1030 Soil Science	3	HORT 1070 Plant Propagation	2
HORT 1040 Introduction to Soil Science Lab	1	HORT 1080 Plant Propagation Lab	1
ENGL 1050 Workplace Communication	3	HORT 1090 Integrated Pest Management	2
HORT 2080 Woody Perennial Identification	3	MATH 1020 Technical Mathematics I	3
	17	Horticulture Elective(s)*	2-3
			14-15
		Total Credit Hours	31-32

***Suggested Horticulture Electives:** BIOS 1050 General Botany, HORT 2000 Landscape History and Use, HORT 2020 Nursery and Greenhouse Management, HORT 2045 Landscape Management, HORT 2055 Landscape Design, HORT 2060 Sports Turf Management, HORT 2070 Sports Turf Management Lab, HORT 2090 Herbaceous Perennial Identification, HORT 2100 Golf Course Management, HORT 2140 Hydroponic Growing Systems, HORT 2150 Annual Flower Identification, Production, and Care, HORT 2160 Vegetable Garden and Farm Production, HORT 2165 Value-Added Diversified Marketing, HORT 2170 Alternative Horticulture.

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