

HORTICULTURE - GREENHOUSE

2009-2010 Program Options:

Horticulture Assistant Certificate (16)

Horticulture - Greenhouse Certificate (30)

Horticulture Technician - Greenhouse Diploma (48)

Horticulture Technology - Greenhouse AAS Degree (64)

Certificate: Horticulture Assistant

Total Number of Credits: 16

Program Description: The field of horticulture offers many exciting and challenging careers. Nationally, horticulture is a major employer and includes jobs in garden centers, greenhouses, grounds maintenance firms, park systems sports complexes, and private grounds. Persons working in horticulture may also be self-employed. The Horticulture Assistant Certificate will acquaint students with the field of horticulture. Students will learn basic horticulture procedures. Some graduates may choose to enter the work force upon completion of this certificate, while others may continue on for a diploma or AAS degree or an AS degree.

Application Requirement: High School Graduate or GED

Career/Occupational Requirements: 16 credits

HORT 1000	Introduction to Horticulture	3	HORT 1032	Greenhouse Crops I	3
Select 13 credits from the following courses:					
HORT 1021	Horticultural Plant Biology	3	HORT 1041	Woody Plants	3
HORT 1023	Soil Science	3	HORT 1049	Landscape Installation I	3
HORT 1024	Plant Propagation	3	HORT 1051	Herbaceous Plants	3
HORT 1025	Pest Management	3			
HORT 1027	Organic and Environmentally Friendly Horticulture	3			

Certificate: Horticulture - Greenhouse

Total Number of Credits: 30

Program Description: The Horticulture Technology – Greenhouse certificate provides students with the general education and technical skills to meet the demand for well-trained personnel in the greenhouse industry. Graduates of this program will be well versed in greenhouse practices, including physical equipment and production of a wide assortment of plants. Graduates may choose to continue in horticulture to achieve a diploma or an AAS degree or AS degree.

Application Requirement: High School Graduate or GED.

Career/Occupational Requirements: 27 credits

HORT 1000	Introduction to Horticulture	3	General Education MnTC Requirements: 3 credits		
HORT 1021	Horticultural Plant Biology	3	Goal 1 – Communication: 3 credits		
HORT 1023	Soil Science	3	Select ONE of the following communication courses:		
HORT 1024	Plant Propagation	3	ENGL 1021	Composition I	4
HORT 1025	Pest Management	3	COMM 1021	Fundamentals of Public Speaking	3
HORT 1032	Greenhouse Crops I	3	COMM 1031	Interpersonal Communication	3
HORT 1051	Herbaceous Plants	3	COMM 1041	Small Group Communication	3
HORT 2031	Greenhouse Operations	3	COMM 1051	Intercultural Communication	3
HORT 2033	Tropical Indoor Plants and Interiorscaping	3			

Diploma: Horticulture Technician - Greenhouse

Total Number of Credits: 48

Program Description: The Horticulture Technology – Greenhouse diploma provides students with the general education and technical skills to meet the demands for well-trained personnel in the greenhouse industry. Graduates of this program will be well versed in greenhouse practices, including physical equipment and production of a wide assortment of plants. Graduates may choose to continue in horticulture to achieve an AAS/AS degree.

Application Requirement: High School Graduate or GED.

Core Requirements: 30 credits

HORT 1000	Introduction to Horticulture	3	HORT 2045	Turfgrass Science and Management	3
HORT 1021	Horticultural Plant Biology	3	HORT 2046	Horticulture Equipment and Technology	3
HORT 1023	Soil Science	3	HORT 2047	Landscape Design	3
HORT 1024	Plant Propagation	3	HORT 2049	Landscape Installation II	3
HORT 1025	Pest Management	3	HORT 2051	Urban and Local Food Systems	3
HORT 1032	Greenhouse Crops I	3	HORT 2052	Creating Native Landscapes	3
HORT 1051	Herbaceous Plants	3	HORT 2057	Computer-Assisted Landscape Design	3
HORT 2031	Greenhouse Operations	3	HORT 1781	Horticulture Internship	1- 3
HORT 2032	Greenhouse Crops II	3			
HORT 2033	Tropical Indoor Plants and Interiorscaping	3	General Education/MnTC Requirements: 7 credits		
Career/Occupational Requirements: 11 credits					
Select 11 credits from the following courses:					
HORT 1027	Organic and Environmentally Friendly Horticulture	3	ENGL 1021	Composition I	4
HORT 1041	Woody Plants	3	Select ONE of the following COMM courses:		
HORT 1049	Landscape Installation I	3	COMM 1021	Fundamentals of Public Speaking	3
HORT 2041	Nursery Operations	3	COMM 1031	Interpersonal Communication	3
HORT 2044	Landscape Maintenance and Management	3	COMM 1041	Small Group Communication	3
			COMM 1051	Intercultural Communication	3

Associate in Applied Science Degree: Horticulture Technology – Greenhouse

Number of Credits: 64

Program Description: Graduates of the Horticulture Technology – Greenhouse AAS degree will have a strong knowledge of horticulture and greenhouse practices as well as general education skills. Many employment opportunities in horticulture allow for advancement to supervisory and management positions. This degree program gives students the needed training for these opportunities.

Application Requirement: High School Graduate or GED.

Core Requirements: 30 credits

HORT 1000	Introduction to Horticulture	3	HORT 2049	Landscape Installation II	3
HORT 1021	Horticultural Plant Biology	3	HORT 2051	Urban and Local Food Systems	3
HORT 1023	Soil Science	3	HORT 2052	Creating Native Landscapes	3
HORT 1024	Plant Propagation	3	HORT 1781	Horticulture Internship	1-3

General Education/MnTC Requirements: 20 credits

Four (4) MnTC credits beyond the minimums are needed to reach 20 credits. See MnTC course list for options.

Goal 1 – Communication: 7 credits

ENGL 1021	Composition I	4
Select ONE of the following COMM courses:		
COMM 1021	Fundamentals of Public Speaking	3

COMM 1031 Interpersonal Communication

COMM 1041 Small Group Communication

COMM 1051 Intercultural Communication

Goal 2 – Critical Thinking is fulfilled when all MnTC goals are complete.

Goal 3 and/or Goal 4 – Science/Math/Logical Reasoning: 3 credits

Goal 5 – History/Social and Behavioral Sciences: 3 credits

Goal 6 – Humanities and Fine Arts: 3 credits

Goal 7 – 10: Three credits in one of the four goals. (Fulfilled by COMM course)

Career/Occupational Requirements: 14 credits

Select 14 credits from the following courses:

HORT 1027	Organic & Environmentally Friendly Horticulture	3
HORT 1041	Woody Plants	3
HORT 1049	Landscape Installation I	3
HORT 2041	Nursery Operations	3
HORT 2044	Landscape Maintenance and Management	3
HORT 2045	Turfgrass Science and Management	3
HORT 2046	Horticulture Equipment and Technology	3
HORT 2047	Landscape Design	3

General Requirements:

1. Certificates: Up to 30 earned college-level credits; one third of credits must be earned at Century College.
Diplomas: 31 to 48 earned college-level credits; one third of credits must be earned at Century College.
AAS: At least 64 earned college-level credits (numbered 1000 or above). At least 20 credits must be earned at Century College.
2. Century college-level GPA of 2.0; required career and occupational courses GPA of 2.0; MnTC GPA of 2.0.
3. A grade of C or higher in ENGL 1021 (for Diplomas and 30 credit Certificates ONLY IF this is the Goal 1 course selected.) (Exception: 16 credit certificates)

Assessment: *Assessments are required for all students* before registering for classes. Students may be required to take developmental courses in English, Reading and Mathematics based upon their assessment scores. For important information and exemptions see www.century.edu/futurestudents/assessment.

References to the Minnesota General Education Transfer Curriculum (MnTC): On this guidesheet, notations such as “Goal 1-Communication: 3 credits” are used to refer to the goals of the Minnesota General Education Transfer Curriculum. Refer to the MnTC Course List for the specific courses from which students may choose to fulfill the MnTC requirements of the program, found in the catalog, the Counseling Center and on the Century website. Students should be aware that it may be necessary to select additional MnTC credits beyond the minimum required in each goal area, to reach the total MnTC/General Education credits required for their program.

Career Information: Counselors are available in the Counseling and Career Center, Room 2400 West, to assist with educational and career planning. Resources available include career interest and personality inventories and print and web-based occupational and educational information, e.g., occupational descriptions, employment outlook, earnings, education/training requirements and sources. Consult the **GPS LifePlan** link on the Century website for information on these and more resources for your career, work, and educational planning!

Transfer: Some programs are intended primarily for employment preparation rather than transfer to a four-year institution. Some courses may not transfer to a number of four-year colleges. If you are considering the possibility of transfer, you may wish to talk with a counselor or the program instructor before registering to discuss your goals and look at programs designed for transfer. An articulation agreement exists with the UW River Falls.

Time Limit for Meeting Graduation Requirements: See Century College catalog “Graduation” for information.

Academic Petitions: Any exceptions to the program requirements must be petitioned through the Vice President of Academic Affairs.

Important Telephone Numbers: (651 Area Code)

Admission Office	773-1700
Counseling Office	779-3285
Financial Aid Office	779-3305

Program Instructors:

Mel Knapton	Office: 2323 East (651) 773-1726
Brian Schlottman	Office: 2323 East (651) 748-2616