

Floriculture Capstone012001... 6050

Course Description

This course will provide students with the necessary background to become employed or continue education in the floral industry. In addition, this class will help students develop skills in the design and construction of floral arrangements, along with providing background knowledge of the industry

Course Code:

Program(s) of Study to which This Course Applies

- Plant Science

Course Framework	Reference Standards	Academic Crosswalk
Standard 1. Students will understand the history of floriculture.	MCC NE (AE 12.5.1)	[TBD by NDE]
Benchmark 1.1 Explain the evolution of floriculture throughout history. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> • Create a timeline for the last 200 years of floral trends. • Describe how history has influenced today's floriculture. 		
Benchmark 1.2 Identify the three levels of the floriculture industry and how they are unique. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> • List and describe opportunities as a grower, wholesaler, and retailer. • Compare and contrast Floristry vs. Floriculture. 		
Benchmark 1.3 Analyze today's floral marketing industry. <u>Sample performance indicators:</u>	TX (130.18 c1A) NE (AE 12.5.1)	[TBD by NDE]

<ul style="list-style-type: none"> Interview a retail florist and present findings to class. Create a marketing advertisement for a retail florist shop. 		
Standard 2. Students will recognize terms and parts of floral botany.	MCC	[TBD by NDE]
Benchmark 2.1 Identify male and female parts of the flower and their function. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> Dissect several flowers and label all parts. 		
Benchmark 2.2 Recognize the inflorescence types of flowers. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> Identify the inflorescence types of flower based on pictures or live specimen. 		
Benchmark 2.3 Distinguish the roles of plant processes as they relate to cut plant materials. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> Process cut materials for proper storage. Design a procedure for processing plant materials. Recognize the qualities of a good specimen. 		[TBD by NDE]
Standard 3. Students will learn proper function and use of floral materials and tools.	MCC NE (AE 12.5.1)	[TBD by NDE]
Benchmark 3.1 Construct a design using proper methods and tools of floral mechanics. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> Demonstrate correct wiring and taping methods. Recite the three functions of a preservative. 		
Benchmark 3.2 Identify common wire and ribbon sizes. <u>Sample performance indicators:</u> <ul style="list-style-type: none"> Size wire and ribbon for various applications. Construct a bow using the proper size of ribbon for the application. 		
Benchmark 3.3 Choose the proper container based on material and budget.		[TBD by NDE]

<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Match container types to the proper occasion and season. Explain special considerations unique to container material. 		
Benchmark 3.4 Identify the common tools used in various methods of floral arranging.		
<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Construct a poster of common tools used in the floral industry. Demonstrate correct and safe use of floral tools. 		
Standard. Students will interpret principles of floral design.	MCC	[TBD by NDE]
Benchmark 4.1 Identify the principles of floral design.		
<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Relate the importance of floral design principles: color, design, line, texture, balance, etc. Explain how visual satisfaction is important to the customer. 		
Benchmark 4.2 Evaluate an arrangement based on design principles.		
<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Critique a completed design on the main qualities. Collect pictures of designs and explain their design style. 		
Benchmark 4.3 Establish the reasoning for the rules of floral design.		
<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Judge a completed design for adherence to established rules of design. Explain how the style and size of design is related to customer cost. 		
Benchmark 4.4 Analyze the current trends that exist in the floral industry.		
<u>Sample performance indicators:</u> <ul style="list-style-type: none"> Recommend design changes based on popular current trends. Construct a design for a specific current occasion. 	TX (130.18 c3A/B)	[TBD by NDE]
Standard 5. Students will identify and classify common floriculture plants.	MCC NE (AE12.5.1)	[TBD by NDE]

<p>Benchmark 5.1 Identify the major plants used in today's floriculture industry by common and scientific names.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Recognize by sight, the main plants used in today's industry. Construct a taxonomic chart of ten plant species. 		
<p>Benchmark 5.2 Categorize major plants based on their use in floriculture.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Group given plants into their use category: cut flower, cut foliage, potted foliage plant, flowering potted plants, and bedding plants. Explain the care considerations for popular floral products by category. 		
<p>Benchmark 5.3 Select plants for design construction.</p> <p><u>Sample performance indicators:</u></p> <ul style="list-style-type: none"> Differentiate the uses of plants in a design: line, form, filler, foliage. Group plants according to their environmental needs and requirements. 	NS (PS.01.01)	[TBD by NDE]

Reference Standards Sources

- MCC= Metro Community College-Horticulture 1300 Course Outline.
- TX= Texas Education Agency
- NS= National Standards
- NE= Nebraska Links to Learn

Other Information

<p>Suggestions for innovative teaching and learning strategies:</p>	<ul style="list-style-type: none"> Construct floral arrangements in class Interview industry leaders in any level of floriculture Process flowers Track floral products to their grower source
<p>Related assessments:</p>	<ul style="list-style-type: none"> Have a completed design critiqued by a retail florist FFA Floriculture career development event
<p>Extended learning opportunities:</p>	<ul style="list-style-type: none"> Attend a professional floral design workshop or seminar Intern at a retail florist shop

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