

Colorado AFNR Course Scope and Sequence

Course Name	Floriculture A &/or B (one semester or two semesters)		Course Details	Level 3 course in the Plant Science Pathway. This course is in the horticulture/green industry strand. Course is designed for one or two semester delivery depending on lab time included as part of the instruction.	
			Course = 0.50 Carnegie Unit Credit		
Course Description	Floriculture is a one or two semester long class in which students will learn about the production, arrangement, and retailing of flowers. Classification and identification of common plants used in the floral industry will be taught. The class will include numerous labs where fresh, silk, and dried flowers are used to design corsages, wedding bouquets, table flower arrangements, and seasonal holiday decorations. The course will also highlight developing communication skills, business principles, and leadership skills in the floriculture industry. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.				
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills are covered.				
SCED Identification #	18053	Schedule calculation based on 60% of a semester instructional time. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.			
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at https://www.cde.state.co.us/standardsandinstruction/essentialskills					
Unit Number, Title and Brief Description	Suggested % of Instructional Time	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	CTSO Integration
Unit 1: Careers, Industry and History 1. Industry & careers 2%/3% 2. History 1%/2%	3%/5%	PLSC.10 – Understand and apply the principles of floral design.	PLSC.10.01 – Explain the history of floral design	PLSC.10.01.a Identify the origins of popular floral designs PLSC.10.01.c Recognize the differences in classical, European and Oriental design PLSC.10.01.d Analyze how European historical periods of floral design have affected modern design	

		systems to enhance an environment (e.g. floral, forest landscape, and farm).	PS.04.01. Performance Indicator: Evaluating, identifying and preparing plants to enhance an environment.	PS.04.01.01.a. Identify and categorize plants by their purpose (e.g., floral plants, landscape plants, house plants, etc.).	
Unit 3: Design Principles 1. Artistic design (color, texture, form, balance, etc) 8%/18% 2. Shapes 7%/12%	15%/30%	PLSC.10 – Understand and apply the principles of floral design	PLSC.10.01 Explain the history of floral design PLSC.10.02 Explain and apply the principles of floral design	PLSC.10.01.b Identify the characteristics of mass, line- mass, and line designs PLSC.10.02.a Recognize primary, secondary and tertiary colors as they apply to basic color themes in floral design PLSC.10.02.b Define the principles and elements of design	
Unit 4: Use and Purpose 1. Types of arrangements 2%/3% 2. Events used (weddings, funeral, etc) 1%/2%	3%/5%	PLSC.10 – Understand and apply the principles of floral design PS.04. Apply principles of design in plant systems to enhance an environment (e.g. floral, forest landscape, and farm).	PLSC.10.03 Identify and classify design material PS.04.01. Performance Indicator: Evaluating, identifying and preparing plants to enhance an environment	PLSC.10.03.c Investigate the seasonal availability of flowers and foliage PS.04.01.01.c. Install plants according to a design plan that uses the proper plants based on the situation and environment.	
Unit 5: Application & Design 1. Tools and equipment 5%/10% 2. Practical Application 10%/35%	15%/45%	PLSC.10 – Understand and apply the principles of floral design	PLSC.10.05 Understand and demonstrate floral construction techniques	PLSC.10.05.a Identify tools and materials used in floral design and their appropriate use PLSC.10.05.b Apply wiring and taping techniques to different types of flowers PLSC.10.05.c Explain the steps to designing a bud vase, circular arrangement,	

				<p>angular arrangement and line arrangement</p> <p>PLSC.10.05.d Construct a bud vase arrangement, circular arrangement, angular arrangement and line arrangement</p> <p>PLSC.10.02 Explain and apply the principles of floral design</p> <p>PLSC.10.02.c Develop a rating scale in order to critique the use of the basic design principles in an arrangement</p> <p>PLSC.10.02.d Construct & critique an arrangement using a rating scale based on the principles of design</p>	
Unit 6: Business Principles	9%/20%	<p>PLSC.10 – Understand and apply the principles of floral design</p> <p>AGBS.07 Develop skills in agribusiness management</p>	<p>PLSC.10.03 Identify and classify design material</p> <p>AGBS.07.02 Develop skills in agribusiness management</p> <p>AGBS.07.09 Understand the use and necessity of daily operational forms & documents used in an agribusiness</p>	<p>PLSC.10.03.c Investigate the seasonal availability of flowers and foliage</p> <p>PLSC.10.03.d Organize a method of pricing and packaging of the most commonly used flowers and foliage</p> <p>AGBS.07.02.a Identify management skills (problem solving) and why management is important in an ag business</p> <p>AGBS.07.09.a Identify forms and documents used in ag business and their function in the business operation</p> <p>AGBS.07.09.b Complete / fill out forms accurately</p>	

				AGBS.07.09.c Design forms to meet a specific business need	
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CAS Academic Standards Alignment: Online Version: <https://www.cde.state.co.us/apps/standards/>; Download version: <https://www.cde.state.co.us/apps/standards/>

Reading, Writing, and Communicating: (RST/WHST are Common Core Standards aligned; <http://www.corestandards.org/ELA-Literacy/RI/introduction-for-6-12/>)

Math:

Science:

Essential Skills:

Problem Solver:

- **Critical Thinking and Analysis:** The ability to apply a deliberate process of identifying problems, gathering information, and weighing possible solutions, including: making choices rooted in understanding patterns, cause-and-effect relationships, and the impacts that a decision can have on the individual and others.
- **Creativity & Innovation:** the ability to demonstrate curiosity and imagination through experimenting with new and emerging ideas.

Empowered Individual:

- **Career Awareness:** The ability to apply the knowledge and understanding of how one's dreams, experiences, and interests translate into career fulfillment and lifelong pursuits in local, regional, national, and global career pathways and opportunities.