

FLORICULTURE

The Floriculture Career Development Event (CDE) requires students to identify plants, judge flower arrangements and solve problems. Participants also demonstrate skills in flower arranging, propagation and the preparation of floral and foliage products for sale.

This event is designed to create an interest in career preparation for all current and future aspects of the floriculture industry through leadership development and hands-on technical skill development using industry standards that are delivered through the agricultural education curriculum. Teams are judged on their ability to perform an assignment similar to one routinely performed in the floriculture industry. Additionally, individual members are called up to contribute to the team's effort by completing events such as a general floriculture examination, an identification of plant materials and equipment, a problem-solving exercise, a practicum, a job interview and a floral arrangement.

This event builds skills that are important to careers in greenhouse and field production management, garden center and floral shop management and floral design management. Students who excel show a well-rounded knowledge of horticulture, the cultivation of flowering and ornamental plants and the floral industry.

RULES AND REGULATIONS

1. A chartered FFA chapter may enter two teams, with one team designated as the official team. A team may consist of **5 eligible members**. **The score of the 4 high individuals will be used to determine the team score.** Anytime there are 2 members of the same chapter in any one practicum/station, they will not ever be allowed to meet together or communicate during the event. There will be no communication between any competitors during the events. Any infraction of this rule will be sufficient to eliminate the contestant from the event.
2. The CDE will consist of five sections. The sections are:

Identification Floriculture Plant Material	250 Points per student
Floriculture Tools	50 Points per student
Floriculture Pest / Disorders.	50 Points per student
General Knowledge Test	250 Points per student
Practicums	200 Points per student
Problem Solving / Decision Making	100 Points per student
Team Activity	200 Points
3. All equipment, tools, supplies, and other materials will be furnished for the CDE, unless otherwise specified in these instructions or notified by CDE facilitator.
4. Students or attending schools must provide their own # 2 pencils, clip boards and non programmable calculator.
5. All reference to plants, tools and disorders will come from the "Oregon Floriculture Plant Identification List", the "Oregon Floriculture Tool List" and the "Oregon Floriculture Pest / Disorder List". See attached list in this section of the CDE Manual.
6. Contestants may not handle any CDE specimens or plant material.
7. Any question or problem questions will be adjusted prior to contestant placing. If an Advisor has the desire to verify the Questions, Tests and Keys this should be done prior to final tabulation of scores.
8. Any flowers used throughout the event for arranging or any other practicums or team activity, if not on the floral ID list, must be clearly identified.
9. Any practicum with multiple judges must have contestants pre-assigned to specific rooms and students must follow assignments. (example: multiple phone judges – A's to one room, B's to one room, etc).

SECTION I – IDENTIFICATION (350 points per student)

1. **Plant Identification.** 50 minutes 50 Plants @ 5 points = 250 Points.

Fifty specimens from the "Oregon Floriculture Plant Identification List" will be displayed for contestants to identify by technical and common names. Each specimen will be designated by a number and be alive and growing or removed from growing tissue the day of the CDE. Specimens may also be dried material.

When contestants have identified the plant specimen, the respective number from the plant list is to be marked on the score card. Each contestant will be provided with a copy of the plant list at the CDE. Five points will be awarded for each specimen correctly identified.

No plant may be touched or handled in any way.

- 2. Tool Identification** 10 Minutes 10 Tools @ 5 points = 50 Points.
Ten common floriculture Tools selected from the "Oregon Floriculture Tool Identification List".

When contestants have identified each tool, the respective number from the tool list is to be marked on the scorecard. Each contestant will be provided with a copy of the tool list at the CDE. Five points will be awarded for each tool correctly identified.

No tools may be touched or handled in any way.

- 3. Pest / Disorders Identification** 10 Minutes 10 Specimen @ 5 Points = 50 Pts.
Ten Pest and Disorders common in nursery and landscape selected from the "Oregon Floriculture Pest and Disorders Identification List".

When contestants have identified each Pest and or Disorder, the respective number from the Pest and Disorders list is to be marked on the score card. Each contestant will be provided with a copy of the Pest and Disorder list at the CDE. Five points will be awarded for each specimens correctly identified.

No specimen may be touched or handled in any way.

SECTION II - GENERAL KNOWLEDGE Test 45 Minutes
50 Questions @ 5 points = 250 Points.

Fifty objective multiple-choice questions will be prepared on topics reflecting subject areas in the CDE objectives. This CDE phase will evaluate the contestant's knowledge and understanding of basic floricultural principles in producing floral plants and flowers, marketing, floral design, using and maintaining interior plants. Contestants are allowed 45 minutes to complete this phase. Each answer has a value of five points. All test questions will come from the last three years of national test.

SECTION III - PRACTICUM 15 minutes per 3 Practicum's @ 50 points at 150 points
Floral Arranging 50 points

Each participant will complete **four total practicums**. One practicum will always be a Flower Arrangement Scenario. The other **three** Practicum's will be selected from the following list: Making a Dish Garden, Media Selling, Pinching Plants, Asexual Propagation of Plants, Potting Plant Cuttings, and Product Display. Students are expected to do each event in 15 minutes. Though not all practicums will take 15 minutes. See the attached score cards for the practicums.

2026 Rotational Practicums are: Corsage, Dish Gardens, Pinching Plants, and Product Display (digital format - example: [Module 11.2 - Activity - Digital Product Displays](#)).

Yearly Practicum's

Flower Arrangement (Year figured by date of event)

Even Years: Corsage Construction.

Odd years: CenterPiece Arrangement (small to medium in size)

SECTION IV – PROBLEM SOLVING / DECISION MAKING (100 points) 30 Minutes
10 Question = 100 Points

Problem solving activity of 10 questions. These questions will reflect the various aspects of the floriculture industry. Each student will gather information (references will be provided) and determine a logical solution to the problem that would be specific to a particular area of floriculture production and retailing. **No more than three questions of the ten can be from one specific area. Example cut flower care.** Problem solving possible scenario could be but not limited to the following:

- Equipment maintenance.
- Detecting and troubleshooting problems.
- Producing a greenhouse crop.
- Care and handling of cut flowers.
- Pesticide / fertilizer questions.
- Items off the pest / disorder list.
- Floral industry math problems.

Each question will describe the situation associated with or creating a problem and list four possible solutions to the question. All materials and information necessary to solve the question will be available to the participant as he or she solves it.

Each participant will be allowed 30 minutes to complete this phase of the event. (Though all the time may not be needed.)

SECTION V - TEAM ACTIVITY 30 Minutes 200 Team Points

This involves all members of the team working together toward accomplishing a team assignment. It is designed to evaluate individual and group contribution in coordination and cooperation of knowledge, evaluation and decision making.

Typical of the type of tasks that will be used in this phase of the event are:

- Making floral decorations for an event or party.
- Demonstrating the use of a floricultural/horticulture product.
- Filling order for customers.
- Preparing floral decorations for a convention.
- Designing on location (Wedding, Funeral, Party, Etc)

Team members will have up to 30 Minutes to complete the team activity - 20 minutes for planning and preparation and 10 minutes for their presentation.

Refer to the Team Activity Score Card.

TIEBREAKERS

Individual - If ties occur, the following events will be used in the listed order to determine award recipients:

1. Written exam
2. Plant and equipment identification
3. Floral arrangement practicum
4. Growing procedures

Team - If ties occur, the following events will be used in the listed order to determine award recipients:

1. Team activity
2. Written exam
3. Plant and equipment identification

OREGON FLORICULTURE

Section #	Activity	Individual Points	Top Four Scores	Team Points
Section I	Identification			
	A – Plants	250	X 4 = 1,000	1,000
	B – Tools	50	X 4 = 200	200
	C – Pest and Disorders	50	X 4 = 200	200
Section II	General Knowledge Test	250	X 4= 1,000	1,000
SECTION II	Practicum 4 for each student	200	X 4 = 800	800
SECTION II	Problem Solving Decision Making.	100	X 4 = 400	400
SECTION II	Team Activity			200

Reference material:

See National FFA CDE Manual for current listing.

OREGON FLORICULTURE TOOL IDENTIFICATION LIST****PUT THE NUMBER THAT CORRESPONDS WITH THE CORRECT TOOL IN THE ANSWER COLUMN.**

ANSWERS

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

- | | |
|---------------------------|------------------------|
| 1. Anvil Hand Pruner | 11. Shovel |
| 2. Capillary Water Tube | 12. Soil Sampling Tool |
| 3. Compressor Air Sprayer | 13. Solenoid Valve |
| 4. Corsage Tape | 14. Spading Fork |
| 5. Florist Knife | 15. Time Clock |
| 6. Florist Shears | 16. Water Breaker |
| 7. Siphon emitter | 17. Waterproof Tape |
| 8. Line Strainer | 18. Wire Cutter |
| 9. Mist Head | 19. Bud Vase |
| 10. Respirator | 20. Rose Dethorner |

OREGON FLORICULTURE PEST/DISORDER LIST

****PUT THE NUMBER THAT CORRESPONDS WITH THE CORRECT PEST/DISORDER IN THE ANSWER COLUMN.**

ANSWERS

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Nutritional & Environmental Disorder, Insects and Pests

1. Poor soil drainage
2. Snails
3. Insufficient water damage
4. Whiteflies
5. Too much light
6. Leaf Miner
7. Improper temperature
8. Mealybugs
9. Phosphorous deficiency
10. Spittlebug
11. Overwatering damage
12. Slugs
13. Inadequate lighting
14. Aphids
15. Iron deficiency
16. Spider Mites

17. Nitrogen deficiency
18. Leafhopper
19. Salt damage
20. Scale

Diseases

21. Powdery mildew
22. Damping off
23. Root rot
24. Verticillium wilt
25. Rust damping off
26. Mosaic
27. Anthracnose
28. Leaf spot
29. Stem rot
30. Fusarium wilt
31. Rhizoctonia
32. Bacteria wilt

OREGON FFA PLANT IDENTIFICATION ANSWER SHEET

MEMBER NAME: _____

SCHOOL/CHAPTER: _____

****PUT THE NUMBER THAT CORRESPONDS WITH THE CORRECT PLANT IN THE ANSWER COLUMN.**

Right _____ =Score _____

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

OREGON FLORICULTURE PLANT IDENTIFICATION LIST

1. *Aechmea chantinii* **Bromeliad**
2. *Aglaonema commutatum* **Chinese Evergreen**
3. *Alstroemeria aurantica* **Peruvian Lily**
4. *Antirrhinum majus* **Snapdragon**
5. *Anthurium andraeanum* **Anthurium**
6. *Araucaria heterophylla* **Norfolk Island Pine**
7. *Asparagus densiflorus* **Sprengeri Fern**
8. *Begonia tuberhybrida* **Tuberous Begonia**
9. *Caladium hortulanum* **Fancy Leaf Caladium**
10. *Callistephus chinensis* **China Aster**
11. *Celosia cristata* **Cockscomb**
12. *Chamaedorea elegans* **Parlor Palm**
13. *Chamaelaucium uncinatum* **Wax Flower**
14. *Chlorophytum comosum* **Spider Plant**
15. *Chrysanthemum morifolium* **Chrysanthemum**
16. *Chrysanthemum superbum* **Shasta Daisy**
17. *Clematis hybrid cv.* **Clematis**
18. *Codiaeum variegatum* **Croton**
19. *Coleus hybridus* **Coleus**
20. *Crassula argentea* **Jade Plant**
21. *Cyclamen persicum* **Florist's Cyclamen**
22. *Cymbidium* **Cymbidium Orchid**
23. *Dahlia hybrid cv.* **Dahlia**
24. *Delphinium consolida cv.* **Larkspur**
25. *Dianthus caryophyllus* **Carnation**
26. *Dracaena marginata* **Red-edged Dracaena**
27. *Echeveria* **Hen & Chickens**
28. *Echinocactus* **Barrel Cactus**
29. *Epipremnum aureum* **Golden Pothos**
30. *Eucalyptus polyanthemos* **Silver Dollar Gum**
31. *Euphorbia pulcherrima* **Poinsettia**
32. *Eustoma grandiflorum* **Lisianthus**
33. *Ficus benjamina* **Benjamin Fig**
34. *Ficus elastica* **Rubber Plant**
35. *Freesia x hybrid* **Freesia**
36. *Gardenia jasminoides* **Gardenia**
37. *Gladiolus hortulanus* **Gladiolus**
38. *Gerbera jamesonii* **Gerbera Daisy**
39. *Gypsophila elegans* **Baby's Breath**
40. *Hemerocallis cv.* **Daylily**
41. *Heptapleurum arboricola* **Dwarf Schefflera**
42. *Hippeastrum hybrid* **Amaryllis**
43. *Hosta undulata* **Plantain lily, Hosta**
44. *Hoya carnosa* **Wax Plant**
45. *Hyacinthus orientalis* **Hyacinth**
46. *Hydrangea macrophylla* **Florist's Hydrangea**
47. *Impatiens hybrid* **Impatiens**
48. *Impomoea batatas cv.* **Ornamental Sweet Potato**
49. *Iris xiphium* **Dutch Iris**
50. *Kalanchoe blossfeldiana* **Kalanchoe**
51. *Liatris spicata* **Liatris**
52. *Lilium longiflorum* **Trumpet Lily**
53. *Limonium sinuatum* **Statice**
54. *Lobularia maritime* **Sweet Alyssum**
55. *Maranta leuconeura* **Prayer Plant**
56. *Matthiola incana* **Flowering Stock**
57. *Narcissus psuedo-narcissus* **Daffodil**
58. *Nephrolepis exaltata* **Boston Fern**
59. *Opuntia* **Opuntia Cactus**
60. *Paeonia* **Peony**
61. *Paphiopedelium* **Lady's Slipper Orchid**
62. *Pelargonium hortorum* **Zonal Geranium**
63. *Pelargonium peltatum* **Ivy Geranium**
64. *Penta hybrid cv* **Pentas**
65. *Petunia hybrida* **Common Petunia**
66. *Philodendron scandens* **Heartleaf Philodendron**
67. *Pilea cadierei* **Aluminum Plant**
68. *Portulaca oleracea cv.* **Portulaca**
69. *Primula malacoides cv.* **Primrose**
70. *Ranunculus hybrid cv.* **Ranunculus**
71. *Rhododendron* **Florist's Azalea**
72. *Rosa hybrid* **Hybrid Tea Rose**
73. *Rumorha adiantiformis* **Leatherleaf Fern**
74. *Saintpaulia ionantha* **African Violet**
75. *Salvia splendens* **Salvia**
76. *Sansevieria trifasciata* **Snake Plant**
77. *Schlumbergera bridgesii* **Christmas Cactus**
78. *Senecio cineraria* **Dusty Miller**
79. *Senecio hybridus* **Cineraria**
80. *Sinningia speciosa* **Gloxinia**
81. *Spathiphyllum clevelandii* **Peace Lily**
82. *Stephanotis floribunda* **Stephanotis**
83. *Strelitzia reginae* **Bird of Paradise**
84. *Tagetes species* **Marigold**
85. *Tulipa* **Tulip**
86. *Verbena hybrid cv.* **Verbena**
87. *Viola wittrockiana* **Pansy**
88. *Zantedeschia hybrid cv.* **Calla Lily**
89. *Zebrina pendula* **Wandering Jew**
90. *Zinnia elegans* **Zinnia**

Floral Arrangement Practicum Rubric: 50 Points

Name:

Number:

Chapter:

Indicator	Excellent	Good	Needs Improvements	Score
Arrangement	85			
Category Interpretation	4-5 points Design following given scenario within provided parameters and correlates to the appropriate style, shape and design.	2-3 points Design slightly followed given scenario but is somewhat lacking in appropriate style, shape, or design	0-1 points Design does not follow a given scenario and/or lacks in following the given style, shape or design.	
Balance	7-10 points Design is both visually and physically balanced.	4-6 points Design is slightly off balanced	0-3 points Design is not balanced visually or physically	
Creativity	7-10 points Design expresses advanced creative ability and advanced design techniques	4-6 points Design expresses some creative ability and minimal advanced design techniques	0-3 points Design lacks creative ability and demonstrated limited design techniques	
Depth	7-10 points Placement of materials at different levels is evenly distributed throughout	4-6 points Placement of materials are somewhat distributed evenly	0-3 points Placement of items are not distributed evenly	
Color	7-10 points Color is used evenly/ harmoniously throughout	4-6 points Color is used somewhat correctly	0-3 points Color is not used correctly	
Focal Emphasis	7-10 points Design has one area of design that attracts the eye	4-6 points Design somewhat has a clear focal point	0-3 points Design does not have a clear focal point	
Line/ Rhythm	7-10 points Design has a clear sense of movement created visually by the placement of floral materials	4-6 points Design has a somewhat clear sense of movement created visually by the placement of floral materials	0-3 points Design has no clear sense of movement created visually by the placement of floral materials	
Mechanics	7-10 points Techniques used to keep floral material secure and stable are hidden or done neatly	4-6 points Techniques used to keep floral material secure and stable are somewhat hidden or done neatly	0-3 points Techniques used to keep floral material secure and stable are not hidden or done neatly	
Scale/ Proportion	4-5 points Design is the correct size based on container given	2-3 points Design is slightly out of proportion	0-3 points Design is not in proportion with container given	
Unity	4-5 points All principles of designs are present and executed	2-3 points Some principles of design are executed well	0-3 points None or few principles of design are executed well.	
ITEMIZED LIST OF COSTS 15				
Bill of Sale completion	4-5 points Bill of sale is completed entirely with a completed list of all items used and totaled	2-3 points Bill of Sale is not entirely complete or missing some items used in the design	0-1 point Bill of Sale is missing a lot of detail and or missing several items used in the design	
Individual Pricing and Quantity Used	4-5 points All items used in the design are individually listed with correct individual price and quantity totally accurately	2-3 points Some items added incorrectly, or quantity used listed incorrectly	0-1 point Significant number of items added or listed incorrectly	
Total bill of Sale Pricing Accuracy	4-5 points Overall bill is legible with labor calculated correctly and total price is listed accurately within +/- \$0.50 or \$55.00	2-3 points Overall bill includes minor errors, includes parts that are difficult to read or final price slightly off target goal of \$55.00	0-1 point Overall bill includes major errors, difficult to read, or well off target goal of \$55.00	
Total Score (100 points possible)				

Divide total points by 2 to get contestant total: _____

Floral Arrangement Itemized List of Costs

Name **Member Number** **Chapter/State** **Team Number**

Judge Name **Judge's Signature** **Date**

Quantity	Flower/Foliage	Unit Cost	Total
TOTAL FLOWER/FOLIAGE MATERIAL COST			

Quantity	Material Used	Unit Cost	Total
TOTAL HARD GOODS COST			

Total Plant Material Cost			
Total Hard Goods Cost			
Sub Total			
Labor 20%			
TOTAL ARRANGEMENT COST*			

**Participants will be provided the retail price of flowers and foliage that they will use in their arrangement by the event official at the beginning of the practicum. The markup is built into the retail price of the flowers and the foliage used in the arrangement.*

Asexual Prop Practicum Rubric: 50 Points

Name: _____

Number: _____

Chapter: _____

Indicator	Excellent	Good	Needs Improvement	Weight	Member Score
Proper sanitation and equipment use	4-5 points Thoroughly covering cutting instrument with a sterile solution	2-3 points Cleaning cutting instrument with solution	0-1 point No sanitation procedures followed or not followed properly	x2	
Selection of cuttings	4-5 points Small uniform terminal shoot cuttings	2-3 points Used some cuttings of the same size and type	0-1 point Too large nonterminal shoots or not uniform in size	x2	
Making cuttings	5-6 points straight , flush even cut of the basal end	3-4 points Some cuttings cut properly and some incorrectly cut	0-2 points Basal end cut at angle or damaged	x2	
Preparation of cuttings for sticking in growing media	5-6 points Selected/prepared cutting that did not require further preparation	3-4 points Selected cuttings that required removal of damaged and or unneeded foliage	0-2 points Left damaged and or unnecessary foliage on plant	x2	
Use of rooting hormone	4-5 points Poured correct amount of rooting hormone into separate container applied hormone & tapped off excess amount	2-3 points Too much or too little put in separate container applied correctly but did not tap off extra hormone	0-1 point Applied directly from the source container and or did not use rooting hormone.	x2	
Selection of growing media	5-6 points Select best rooting medium for optimum rooting	3-4 points Select moderate but not best choice for optimum growth	0-2 points Selected incorrect rooting medium	x2	
Sticking of cuttings in growing media	5-6 points Creating a dipple in media prior to placing cutting, placing at proper depth, firming media correctly	3-4 points Correctly demonstrated at least 1 or 2 of the correct principles	0-2 points No prior hole made, planted too deep, or left unstable	x2	
Cutting labeled correctly	4-5 points Labeled with date propagated, plant name and cultivar	2-3 points Labeled with some but not all information required	0-1 point No label present or labeled with incorrect information	x2	
Response to questions	5-6 points Answered judges questions correctly	3-4 points Answered some questions correctly	0-2 points Did not or incorrectly answer questions	x2	
Total score (100 points possible)					

Divide total points by 2 to get contestant total: _____

Plant Pinching Practicum Rubric: 50 Points

Name: _____

Number: _____

Chapter: _____

Indicator	Excellent 8-10 Points	Good 4-7 points	Needs Improvement 0-3 points	Weight	Members Score
Selection of plant part to pinch	Followed given scenario to determine correct pinch	Some pinches were made in incorrect place on plant	Most all pinches were made on incorrect places	x2	
Use of proper procedures in making pinches	Used proper tools and/or techniques in making pinches	Used some but not all proper tools and /or techniques in making pinches	Used few or not any of proper tools and/or techniques in making pinches	x2	
Made proper pinches	Plant pinched correctly to get desired effect per instructions	Some pinches were too little to too much to get desired effect per instructions	Most or all of plant pinches would not allow the plant to reach desired effect per instruction	x2	
Overall effect of making pinches	The plant will reach desired outcome after pinching, no damage to plant parts left after pinch, and pinches correctly done.	The plant will have some difficulty achieving desired outcome, some plant parts left have damage, and some pinches not done correctly	The plant will not be able to achieve desired outcome, much damage to plant part left and most pinches not done correctly	x2	
Answered questions correctly	Answered questions correctly	Answered some questions correctly	Did not or incorrectly answered questions	x2	
Total Score (100 possible points)					
Divide Total points by 2 to get contestant total					

Potting Plant Practicum Rubric: 50 Points

Name: _____

Number: _____

Chapter: _____

Indicator	Excellent	Good	Needs Improvement	Weight	Member Score
Selection of plugs or liners	5-6 points Plugs/liners are uniform in size and shape, correct number selected based on pot size provided	3-4 points Plugs/liners are somewhat uniform in size and shape, just slightly off in selecting the correct number	0-2 points Plugs/liners are not uniform in size and shape correct number not selected based on pot size provided.	x2	
Proper planting depth	5-6 points Hole is made prior to placing plant in soil the entire root system is covered leaving proper stem length visible	3-4 points Minor amount of roots are showing, planted slightly too deep	0-2 point A large amount of roots are showing or plant stem is covered with soil	x2	
Labeling of plant/pot	5-6 points Labeled with date planted, plant name and cultivar	3-4 points Labeled with some but not all information required	0-2 points No label present or labeled with incorrect information	x2	
Correct growing medium level in pot	5-6 points Growing media is filled to the inner lip of the pot leaving enough room to water the plant	3-4 points Growing media is filled slightly too high or too low	0-2 points Growing media is left very low or completely fills up the pot	x2	
Plug or liner arrangement and angle	5-6 points Plugs/liners evenly spaced for pot size given and plugs/liners planted in upright position	3-4 points Plugs/liners planted slightly too close or too far apart, planting slightly tilting	0-2 points Plugs/liners not spaced corrected and not planted upright	x2	
Firmness of growing medium	5-6 points After planting, growing media is tapped/pressed firmly around each plant leaving the plant upright	3-4 points Growing media is left slightly loose or left slightly too firm restricting plant growth	0-2 points Growing media is not firmed after planing or left entirely too firm restricting plant growth	x2	
General appearance (free from handling damage)	5-6 points Final product presented to the judge with plants upright, pot clean, and in sellable condition	3-4 points Final product presented to the judge in slightly sellable condition	0-2 points Final product presented to judge in non sellable condition	x2	
Response to questions	5-6 points Answered judges questions correctly	3-4 points Answered some questions correctly	0-2 points Did not or incorrectly answer questions	x2	
Total score (100 points possible)					

Divide total points by 2 to get contestant total: _____

Media Selling Practicum Rubric: 50 Points

Name: _____

Number: _____

Chapter: _____

	Excellent	Good	Needs Improvement	Score
Identified and appealed to target group	9-12 points	5-8 points	0-4 points	
Informed the consumer	7-9 points	4-6 points	0-3 points	
Creativity	7-9 points	4-6 points	0-3 points	
Easy to read or view	7-9 points	4-6 points	0-3 points	
Presented one idea	7-9 points	4-6 points	0-3 points	
Contained essential information	7-9 points	4-6 points	0-3 points	
Grammar, spelling accuracy	7-9 points	4-6 points	0-3 points	
Proper use of space and format	7-9 points	4-6 points	0-3 points	
Total Score (75 possible points)				

Divide total points by 1.5 to get contestant total: _____

Team Activity Rubric: 200 points

Name: _____

Number: _____

Chapter: _____

Indicator	Very Strong evidence of skill 5-4 points	Moderate evidence of skill 3-2 points	Weak evidence of skill 1-0 points	Points Earned	Weight	Total Score
Preparation						525
Established team leadership role	One member seemed to assume leadership and other cooperated	One member seemed to assume leadership	No leadership role(s) were established		x10	
Member participation in planning activity	All members participated in discussion shared ideas and developed a plan of action to accomplish the assigned task	Limited member discussion occurred before work began	No member discussion occurred before work began		x25	
Developed a workable plan to reach team project goal	Duties were assigned to all team members and responsibilities were equally assigned. Input was given by entire team	Duties were assigned and all had near equal parts. Most of the team provided input to the plan.	Duties were not clearly assigned and participation varied. At least one team member did not contribute to the plan		x25	
Teamwork displayed during the entire planning process	Team members worked together the entire time to complete the assigned task answer supportive of each other	Two or three team members worked together to complete the assigned task	Two members or less worked together to complete the assigned task		x15	
Technical value/correct information/realistic plan created	Ideas discussed are creative include accurate information and realistic for the size and score of the chapter	Ideas discussed lack creativity but are accurate and realistic	Ideas discussed are not realistic but include some errors		x15	
Plan outlined to complete assigned task and present a sellable proposal or final product	Clearly defined plan is developed with input from all members: team members have a clear understanding of responsibilities during presentation	Vaguely defined plan is created and presentation is discussed but not clearly laid out	Little or not thought to final plan and/or plan proposal		x15	
Team Presentation Portion of the Team Activity						275
Member participation during presentation	All members participated, listened to the presenter and team leadership was provided.	All members participated but there was no clear leadership or interaction between members	One or more members had almost no participation		x20	
Quality/completions of assigned tasks	All team members displayed enthusiasm about the final product and were positive about the proposed solution	All team members share ideas but 1-2 tasks are left unaddressed or not up to industry standards	Not all team members participated and or more than 2 tasks were left incomplete		x35	
Total points (800 possible points)						

Divide total points by 4 to get contestant total: _____

OREGON FLORICULTURE PLANT IDENTIFICATION LIST

1. *Aechmea chantinii* **Bromeliad**
2. *Aglaonema commutatum* **Chinese Evergreen**
3. *Alstroemeria aurantica* **Peruvian Lily**
4. *Antirrhinum majus* **Snapdragon**
5. *Anthurium andraeanum* **Anthurium**
6. *Araucaria heterophylla* **Norfolk Island Pine**
7. *Asparagus densiflorus* **Sprengeri Fern**
8. *Begonia tuberhybrida* **Tuberous Begonia**
9. *Caladium hortulanum* **Fancy Leaf Caladium**
10. *Callistephus chinensis* **China Aster**
11. *Celosia cristata* **Cockscomb**
12. *Chamaedorea elegans* **Parlor Palm**
13. *Chamaelaucium uncinatum* **Wax Flower**
14. *Chlorophytum comosum* **Spider Plant**
15. *Chrysanthemum morifolium* **Chrysanthemum**
16. *Chrysanthemum superbum* **Shasta Daisy**
17. *Clematis hybrid cv.* **Clematis**
18. *Codiaeum variegatum* **Croton**
19. *Coleus hybridus* **Coleus**
20. *Crassula argentea* **Jade Plant**
21. *Cyclamen persicum* **Florist's Cyclamen**
22. *Cymbidium* **Cymbidium Orchid**
23. *Dahlia hybrid cv.* **Dahlia**
24. *Delphinium consolida cv.* **Larkspur**
25. *Dianthus caryophyllus* **Carnation**
26. *Dracaena marginata* **Red-edged Dracaena**
27. *Echeveria* **Hen & Chickens**
28. *Echinocactus* **Barrel Cactus**
29. *Epipremnum aureum* **Golden Pothos**
30. *Eucalyptus polyanthemos* **Silver Dollar Gum**
31. *Euphorbia pulcherrima* **Poinsettia**
32. *Eustoma grandiflorum* **Lisianthus**
33. *Ficus benjamina* **Benjamin Fig**
34. *Ficus elastica* **Rubber Plant**
35. *Freesia x hybrid* **Freesia**
36. *Gardenia jasminoides* **Gardenia**
37. *Gladiolus hortulanus* **Gladiolus**
38. *Gerbera jamesonii* **Gerbera Daisy**
39. *Gypsophila elegans* **Baby's Breath**
40. *Hemerocallis cv.* **Daylily**
41. *Heptapleurum arboricola* **Dwarf Schefflera**
42. *Hippeastrum hybrid* **Amaryllis**
43. *Hosta undulata* **Plantain lily, Hosta**
44. *Hoya carnosa* **Wax Plant**
45. *Hyacinthus orientalis* **Hyacinth**
46. *Hydrangea macrophylla* **Florist's Hydrangea**
47. *Impatiens hybrid* **Impatiens**
48. *Impomoea batatas cv.* **Ornamental Sweet Potato**
49. *Iris xiphiium* **Dutch Iris**
50. *Kalanchoe blossfeldiana* **Kalanchoe**
51. *Liatris spicata* **Liatris**
52. *Lilium longiflorum* **Trumpet Lily**
53. *Limonium sinuatum* **Statice**
54. *Lobularia maritime* **Sweet Alyssum**
55. *Maranta leuconeura* **Prayer Plant**
56. *Matthiola incana* **Flowering Stock**
57. *Narcissus psuedo-narcissus* **Daffodil**
58. *Nephrolepis exaltata* **Boston Fern**
59. *Opuntia* **Opuntia Cactus**
60. *Paeonia* **Peony**
61. *Paphiopedelium* **Lady's Slipper Orchid**
62. *Pelargonium hortorum* **Zonal Geranium**
63. *Pelargonium peltatum* **Ivy Geranium**
64. *Penta hybrid cv* **Pentas**
65. *Petunia hybrida* **Common Petunia**
66. *Philodendron scandens* **Heartleaf Philodendron**
67. *Pilea cadieri* **Aluminum Plant**
68. *Portulaca oleracea cv.* **Portulaca**
69. *Primula malacoides cv.* **Primrose**
70. *Ranuncuisu hybrid cv.* **Ranunculus**
71. *Rhododendron* **Florist's Azalea**
72. *Rosa hybrid* **Hybrid Tea Rose**
73. *Rumorha adiantiformis* **Leatherleaf Fern**
74. *Saintpaulia ionantha* **African Violet**
75. *Salvia splendens* **Salvia**
76. *Sansevieria trifasciata* **Snake Plant**
77. *Schlumbergera bridgesii* **Christmas Cactus**
78. *Senecio cineraria* **Dusty Miller**
79. *Senecio hybridus* **Cineraria**
80. *Sinningia speciosa* **Gloxinia**
81. *Spathiphyllum clevelandii* **Peace Lily**
82. *Stephanotis floribunda* **Stephanotis**
83. *Strelitzia reginae* **Bird of Paradise**
84. *Tagetes species* **Marigold**
85. *Tulipa* **Tulip**
86. *Verbena hybrid cv.* **Verbena**
87. *Viola wittrockiana* **Pansy**
88. *Zantedeschia hybrid cv.* **Calla Lily**
89. *Zebrina pendula* **Wandering Jew**
90. *Zinnia elegans* **Zinnia**

Member and Chapter Name _____ Member Number _____

Make a Product Display Practicum Scorecard

	Needs Improvement	Good	Excellent	Member Score
Creates Interest	0-2	3-4	5-6	
Attractiveness	0-3	4-6	7-8	
Central Theme	0-2	3-4	5-6	
Sales Appeal	0-4	5-7	8-10	
Design	0-4	5-7	8-10	
Color Harmony	0-1	2-3	4-5	
Focal Point	0-1	2-3	4-5	
Total Possible: 50				

Member and Chapter Name _____ Member Number _____

Making a Dish Garden Practicum Scorecard

	Needs Improvement	Good	Excellent	Member Score
Selection & Preparation of Plant Materials	0-4	5-7	8-10	
Use of Growing Media	0-4	5-7	8-10	
Design	0-5	6-10	11-15	
Attractiveness	0-4	5-7	8-10	
Use of other Materials	0-1	2-3	4-5	
Total Possible: 50				

ALIGNMENT TO AFNR CONTENT STANDARDS & OREGON EMPLOYABILITY SKILLS

- Employability 01. Adhere to workplace practices
- Employability 02. Exhibit personal responsibility and accountability
- Employability 03. Practice cultural competence
- Employability 04. Demonstrate teamwork and conflict resolution
- Employability 05. Communicate clearly and effectively
- Employability 06. Employ critical thinking to solve problems
- Employability 07. Demonstrate creativity and innovative thinking
- Employability 08. Demonstrate fluency in workplace technologies
- Employability 09. Plan, organize, and manage work
- Employability 10. Make informed career decisions
- ABS.01.01 Apply micro- and macroeconomic principles to plan and manage inputs and outputs in an AFNR business.
- ABS.04.03 Identify and apply strategies to manage or mitigate risk.
- ABS.05.02 Assess and apply sales principles and skills to accomplish AFNR business objectives.
- ABS.05.03 Assess marketing principles and develop marketing plans to accomplish AFNR business objectives.
- BS.02.02 Implement standard operating procedures for the proper maintenance, use and sterilization of equipment in a laboratory.
- BS.02.04 Safely manage and dispose of biological materials, chemicals and wastes according to standard operating procedures.
- Model personal responsibility in the workplace and community.
- CRP.01.02 Evaluate and consider the near-term and long-term impacts of personal and professional decisions on employers and community before taking action.
- CRP.02.01 Use strategic thinking to connect and apply academic learning, knowledge and skills to solve problems in the workplace and community.
- CRP.02.02 Use strategic thinking to connect and apply technical concepts to solve problems in the workplace and community.
- CRP.03.01 Design and implement a personal wellness plan.
- CRP.03.02 Design and implement a personal financial management plan.
- CRP.04.01 Speak using strategies that ensure clarity, logic, purpose and professionalism in formal and informal settings.
- CRP.04.02 Produce clear, reasoned and coherent written and visual communication in formal and informal settings.
- CRP.04.03 Model active listening strategies when interacting with others in formal and informal settings.
- CRP.05.01 Assess, identify and synthesize the information and resources needed to make decisions that positively impact the workplace and community.
- CRP.05.02 Make, defend and evaluate decisions at work and in the community using information about the potential environmental, social and economic impacts.
- CRP.06.01 Synthesize information, knowledge and experience to generate original ideas and challenge assumptions in the workplace and community.
- CRP.06.02 Assess a variety of workplace and community situations to identify ways to add value and improve the efficiency of processes and procedures.
- CRP.06.03 Create and execute a plan of action to act upon new ideas and introduce innovations to workplace and community organizations.
- CRP.07.01 Select and implement reliable research processes and methods to generate data for decision-making in the workplace and community.
- CRP.07.02 Evaluate the validity of sources and data used when considering the adoption

- of new technologies, practices and ideas in the workplace and community.
- CRP.08.01 Apply reason and logic to evaluate workplace and community situations from multiple perspectives.
- CRP.08.02 Investigate, prioritize and select solutions to solve problems in the workplace and community.
- CRP.08.03 Establish plans to solve workplace and community problems and execute them with resiliency.
- CRP.09.01 Model characteristics of ethical and effective leaders in the workplace and community (e.g. integrity, self-awareness, self-regulation, etc.).
- CRP.09.03 Demonstrate behaviors that contribute to a positive morale and culture in the workplace and community (e.g., positively influencing others, effectively communicating, etc.).
- CRP.10.04 Identify, prepare, update and improve the tools and skills necessary to pursue a chosen career path.
- CRP.11.01 Research, select and use new technologies, tools and applications to maximize productivity in the workplace and community.
- CRP.12.01 Contribute to team-oriented projects and builds consensus to accomplish results using cultural global competence in the workplace and community.
- CRP.12.02 Create and implement strategies to engage team members to work toward team and organizational goals in a variety of workplace and community situations (e.g., meetings, presentations, etc.).
- CS.01.01 Research, examine and discuss issues and trends that impact AFNR systems on local, state, national and global levels.
- CS.01.02 Examine technologies and analyze their impact on AFNR systems.
- CS.02.01 Research and use geographic and economic data to solve problems in AFNR systems.
- CS.02.02 Examine the components of the AFNR systems and assess their impact on the local, state, national and global society and economy.
- CS.03.01 Identify and explain the implications of required regulations to maintain and improve safety, health and environmental management systems.
- CS.03.04 Use appropriate protective equipment and demonstrate safe and proper use of AFNR tools and equipment.
- CS.04.01 Identify and implement practices to steward natural resources in different AFNR systems.
- CS.05.01 Evaluate and implement the steps and requirements to pursue a career opportunity in each of the AFNR career pathways (e.g., goals, degrees, certifications, resumes, cover letter, portfolios, interviews, etc.).
- CS.06.01 Examine and explain foundational cycles and systems of AFNR.
- ESS.01.01 Analyze and interpret laboratory and field samples in environmental service systems.
- ESS.01.02 Properly utilize scientific instruments in environmental monitoring situations (e.g., laboratory equipment, environmental monitoring instruments, etc.).
- NRS.01.02 Classify different types of natural resources in order to enable protection, conservation, enhancement and management in a particular geographical region.
- NRS.04.02 Diagnose plant and wildlife diseases and follow protocols to prevent their spread.
- PS.01.01 Determine the influence of environmental factors on plant growth.
- PS.01.02 Prepare and manage growing media for use in plant systems.
- PS.01.03 Develop and implement a fertilization plan for specific plants or crops.
- PS.02.01 Classify plants according to taxonomic systems.
- PS.02.02 Apply knowledge of plant anatomy and the functions of plant structures to

activities associated with plant systems.

- PS.02.03 Apply knowledge of plant physiology and energy conversion to plant systems.
- PS.03.01 Demonstrate plant propagation techniques in plant system activities.
- PS.03.02 Develop and implement a management plan for plant production.
- PS.03.03 Develop and implement a plan for integrated pest management for plant production.
- PS.03.05 Harvest, handle and store crops according to current industry standards.
- PS.04.01 Evaluating, identifying and preparing plants to enhance an environment.
- PS.04.02 Create designs using plants.