



2026

Floriculture

2026 Updates

Below is a summary of updates to the Floriculture CDE Handbook for the 2026 convention cycle. We plan to release handbook changes that may impact instruction in June of the year prior, but may finalize smaller updates through February of the competition year. All updates and changes aim to provide a positive, relevant experience for all competitors.

HANDBOOK UPDATE:

JULY 2025

JANUARY 2026

Policies and Guidelines

I. Eligibility of Students

Added — Eligibility is based on the National FFA membership year (August 1–July 31) — not a school's academic calendar or “rising grade” designation.

Rationale: *Clarifying that a student must be a 7th-grade member on the date of the qualifying event to compete or qualify at a state qualifying event. A student who is still a 6th-grade member on that date is not eligible to qualify and may compete for 7th-grade consideration only in qualifying events held on or after August 1.*

Refer to the National FFA Career and Leadership Events webpage on [FFA.org](https://ffa.org) for the most up-to-date career and leadership development handbook edition.

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FFA VISION

Growing the next generation of leaders who will change the world.

FFA MISSION

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

FFA CODE OF CONDUCT

FFA members participating in National FFA programs understand and agree to abide by the National FFA Code of Conduct at:
<https://ffa.app.box.com/s/x6l2lkov4x9tgiegy73mei30zvlip5i>

Guiding Principles

National awards and competitive events should:

1. Inspire members to explore, learn, and be prepared for future careers related to the AFNR career pathways and FFA AFNR Value Chain.
2. Recognize achievements in skill development and knowledge, including:
 - a. leveraging relevant technologies
 - b. utilizing creative problem-solving
 - c. meeting developmentally appropriate learning objectives (Bloom's Taxonomy)
 - d. utilizing employability skills (teamwork, communication, collaboration)
3. Be accessible and engaging for all students and FFA members.
4. Provide awards and recognition opportunities for students at all levels.
5. Work with other groups to utilize or partner with existing experiences.
6. Provide feedback that promotes personal and professional growth.

Agriculture, Food and Natural Resources (AFNR)

Career Cluster Content Standards

The National Council for Agricultural Education has provided permission to the National FFA Organization to use the National AFNR Career Cluster Content Standards in the development of their educational resource materials. The National Council for Agricultural Education is the owner and developer of the National AFNR Career Cluster Content Standards © 2016 and reserves all rights to the original material used here with permission. In addition, The National Association of State Directors of Career and Technical Education/National Career Technical Education Foundation (NASDCTE/NCTEF) has provided permission to use the Common Career and Technical Core (CCTC) Standards in support of this project. NASDCTE/NCTEF are the owners and developers of the Common Career and Technical Core (CCTC) Standards © 2012 and reserve all rights to the original material used here with permission.

The National FFA Organization has adopted the AFNR Career Cluster Content Standards and integrated them into the national award and recognition programs for the benefit of members, school administration, and agriculture as a whole. For a complete set of the standards, please visit the [2016 AFNR Career Cluster Content Standards](https://ffa.app.box.com/s/hrxlqvw7g6zo54xfi5x5kytlyusqjhy0). You may access the standards alignments for this event at <https://ffa.app.box.com/s/hrxlqvw7g6zo54xfi5x5kytlyusqjhy0>.

Professional Integrity

FFA members participating in national FFA programs and events understand and agree that all work must result from their own effort and ability, created, and completed alone (except for partner or chapter applications). When outside sources (direct quotes or phrases, specific dates, figures, or other materials) are used for a project, document, or application, the required reference citation must be completed according to the rules specified by the applicable handbook.

While participating in National FFA programs, FFA members are prohibited from:

- Plagiarizing
- Violating copyright
- Cheating
- Falsifying information
- Using another person's results or thoughts as their own, even with this person's permission. This includes work done by a family member or a mentor.
- Using information or data obtained from the internet without proper citation.

Any attempt to gain an unfair advantage will not be tolerated. Non-compliance represents plagiarism and will automatically disqualify a member.

Use of Artificial Intelligence (AI) for National Programs and Events

Artificial intelligence (AI) refers to computer systems capable of performing complex tasks that historically only a human could do, such as reasoning, making decisions, or solving problems. As AI continues to evolve, it can be a tremendous tool to help companies, organizations and individuals enhance their productivity and work. Therefore, the National FFA Organization allows the use of AI tools. FFA members may use AI tools, such as ChatGPT, Gemini, and CoPilot, to assist them in their learning.

Appropriate uses of AI may include:

- generating ideas for any FFA-related assignments, projects, contests and award applications
- checking facts of a phenomenon
- checking for and correcting grammatical errors in a paper written by a member

For more information, please see the [Standard Operating Procedures on the Use of Artificial Intelligence \(AI\) for National Programs and Events document](#).

Member Safety

At National FFA, we're committed to creating a safe, inclusive, and supportive environment for all members— students, educators, and families alike. We believe in fostering premier leadership, personal growth, and career success, and that starts with a community built on respect and professionalism. These guidelines outline the expectations for behavior and conduct across all FFA activities and spaces. By upholding these principles, members help ensure FFA remains a place where everyone can thrive.

Please take a moment to review these policies, [here](#) (Member Safety at FFA.org), which includes an agreement to abide by the [National FFA Code of Conduct](#). Adherence is essential—violations may result in disciplinary action, including restricted access to events.

2026 CAREER AND LEADERSHIP DEVELOPMENT EVENTS GUIDELINES

POLICIES AND GUIDELINES

I. Eligibility of Students

- a. Eligibility is based on the National FFA membership year (August 1–July 31)—not a school's academic calendar or "rising grade" designation.
- b. Each student must be a student FFA member on the current roster in good standing with the local chapter, state FFA association, and the National FFA Organization during the school year in which the student qualified to participate at the national level.
- c. If a student's name is not on the chapter's official roster, please work with the National FFA membership team to update the membership before the national event.
- d. The student, at the national event, must be:
 - i. A secondary education (grades 7-12) FFA member during the school year in which the participant qualified to participate at the national level as determined by the roster at the time of qualifying.
 - ii. A graduating senior is eligible to compete in state and national career and leadership development events up to and including their first national convention following graduation.)
 - iii. Participants in the Creed Speaking and Conduct of Chapter Meetings LDEs must qualify as a 7th, 8th, or 9th grade member.
- e. If a student moves to a different chapter or a different state once the student has qualified as a state representative in an event, that student may be allowed to compete in the national event with the school they qualified with during the qualifying year.
- f. A student may only participate in the same official CDE/LDE once. No student may participate in more than one National FFA event each year.
- g. Each student participating in a national event must complete an online Waiver and

release of Liability through the convention registration system.

II. Selection/Certification of State Teams

- a. Each state will submit a team declaration form by July 1, before the national FFA convention. Participation in each declared event will incur an entry processing fee. [State Staff Declaration Instructions](#)
- b. Each team will be composed of the number of members determined by the specific event rules and formats. The members of a state team must be from the same chapter.
- c. All students must be certified online by the designated deadline of Sept. 1 or within 10 days of the qualifying date if after the deadline. Advisors or state staff must certify members in each event by the certification deadline [How to certify a team or member Instructions](#)
- d. Once the original certification has been completed, no member may be added without first deleting a member. (See III. Drop/Add Process).
- e. State staff shall approve students are eligible (See I. Eligibility of Students). [State Staff Certification Approval Instructions](#) If an ineligible student participates in any career or leadership development event, the member will be disqualified, which may also impact the team's ranking.
- f. States may approve teams comprised of fewer members than the required members.
- g. Substitutions of any student or team are subject to the determination and approval of the state association.
- h. If reputable international competitions invite teams to competition the national organization will certify National FFA Career and Leadership Development Event winners for international competition when states request. This is with the understanding that the state team will provide their travel expenses.

III. Drop/Add Process

- a. If a student needs to be substituted or dropped, the online drop/add process must be used to substitute or drop the team member. A team member must be dropped before another team member may be substituted. [How to Drop/Add a team member Instructions](#)
- b. The Drop/Add must be submitted one hour before the first event component or official activity of an event as listed in the schedule of events. Changes will not be permitted after this time.
- c. Members added to any team must meet all the eligibility and membership requirements described in this Guide's other sections.
- d. Substitutions may be allowed after the online document submission date (See individual Event Handbooks for details).
- d. Any assistance given to a student from any source other than the career development event officials or assistants will be sufficient to disqualify that student from the career and leadership development event.
- e. Event superintendents may stop any student if they deem their manner hazardous to themselves or others. Such action may result in a zero or lower score for that student for that section of the career or leadership development event.
- f. Students who start an event and do not complete it without notifying event officials at the time of departure may be disqualified. This can affect the overall team rank and position; in some events, it could also disqualify the entire team.
- g. Students will not be allowed to utilize personal electronic communication devices other than those approved by the event officials during the entire event. Students who access personal electronic communication devices without prior approval from the event officials may be disqualified from the national event.

IV. Disqualification

- a. FFA members participating in national FFA programs and events understand and agree that all work must result from their effort and ability, created and completed alone (except for partner or chapter applications). Details about Professional Integrity, the Use of Artificial Intelligence (AI) for National Programs and Events, and the National FFA Code of Conduct are included in event handbooks.
- b. Any verbal or non-verbal communication between students during an event that is not part of the event will be sufficient cause to eliminate the team member involved from the career development event.
- c. Teams or students arriving after the career development event has begun may be disqualified or penalized. This includes a zero or lower score for that team or student for the missed section of the career or leadership development event.
- h. Any CDE/LDE student, team, advisor, or coach who is proven to have gained access to event materials intended for or utilized by the event committee during the competition will be disqualified from the national event.

Purpose

The National FFA Floriculture Career Development 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 delivered through the agricultural education curriculum.

Floriculture is a discipline of horticulture concerned with cultivating flowering and ornamental plants for gardens and the floral industry.

The floriculture industry encompasses the following areas:

- Greenhouse and field production and management.
- Garden center and floral shop management.
- Floral design and management.

Objectives

- Identify plants, plant materials, supplies and equipment utilized in the floriculture industry.
- Demonstrate an understanding of the biological and scientific principles of plant growth and development. Develop the skills underlying propagation, variety development, growth requirements, growing techniques, harvesting, marketing and maintenance of established floriculture plants.
- Identify and recommend solutions for plant disorders.
- Demonstrate the use of elements and principles of design and develop related skills.
- Evaluate marketable floral products for quality and cultural perfection in the retail industry.
- Identify, select, operate and maintain appropriate supplies and equipment for floriculture production, design and marketing.
- Demonstrate the use of safety procedures and practices in floriculture operations.
- Understand the operation, management and maintenance of facilities for floriculture operations.
- Demonstrate interpersonal skills necessary for successful employment in the floriculture industry.
- Demonstrate proper sales and customer service skills.
- Demonstrate general business practices appropriate to the floriculture industry.
- Effectively work together as a team.

Event Rules

Review the [Career and Leadership Development Event Policy and Guidelines](#) for information on eligibility, selection, certification, team member changes, disqualification and more.

General Information for National Competition provides general guidance on preparing for the national competition.

- Each team will be comprised of four members.
- All four participant scores will determine the total team score.
- It is highly recommended that participants wear FFA Official Dress for this event.
- Under no circumstances will any participant be allowed to touch or handle plant material during the event except when instructed by the event staff.
- All participants must be prompt at their stations throughout the event. No provision will

be made for tardiness, which will, in most cases, cause the late participant to lose event points.

- Various computer applications may be utilized throughout the floriculture event.
- Participants will not be allowed to swap or share tools (calculators, scissors, wire cutters, etc.) with teammates or other participants.
- All references to time limits are approximate. The committee reserves the right to adjust to the practicum and anticipated skills of the students

Event Format

MATERIALS STUDENTS NEED TO PROVIDE:

- Clean clipboard, free of notes.
- Two sharpened No. 2 pencils.
- Floral tools and materials may consist of any or all of the following materials:
 - floral scissors,
 - ribbon shears,
 - pruners,
 - wire cutters,
 - floral pliers,
 - green floral tape,
 - green waterproof tape,
 - clear waterproof tape,
 - floral wire,
 - and/or floral adhesive (in dot, strip, or liquid form).
- Apron
- Tool bag, box, or belt for carrying supplies.
- Calculator — Should be battery operated, non-programmable and non-scientific (basic five function only). No other calculators can be used during the event.
- Participants will not be allowed to bring any material into the competition area that could be used to enhance the creativity of their design(s) that is not supplied to all participants; this includes but is not limited to floral ribbon, wired ribbon, decorative wire, bullion wire, and any floral accents. Supplies will be checked at team check-in before the competition starts; unapproved items will be returned to the advisor before students enter the competition area.

TEAM ACTIVITY (800 POINTS)

Each team will perform an assignment routinely performed in some phase of the floriculture industry that requires teamwork. These tasks will be described in situational terms for presentation to each team. Forty-five minutes will be allowed for completing the activity. If a presentation to the judges is required, the presentation portion of the event will take place after the 45-minute time period has ended. Presentation times may vary depending on the assigned task but will be at most 10 minutes. An additional time will be allowed after judging is complete for team clean up. All materials, except floral tools needed to complete the assignment, will be provided. The event assistant in charge will announce the type of activity and information about the specific tasks at the beginning of the practicum.

The type of assignments that may be used in this phase of the event include, but are not limited to, the following:

- Prepare and pack floral products for an event, shipping and/or updating inventory.
- Create a floral product display.
- Create a greenhouse production and task schedule to meet the needs of a customer.
- Prepare and display plant material found in a garden center.

A judge will record the scoring criteria for the team preparation and presentation on the [Team Activity Rubric](#).

INDIVIDUAL ACTIVITIES

Identification of plant material, equipment, and disorders (200 points)

Forty specimens from the [floriculture plant, equipment](#) and [disorder](#) identification lists will be displayed for participants to identify by technical/scientific and common names. A number will designate each specimen. Five points will be awarded for each specimen that is correctly identified. Each participant will be allowed 25 minutes to complete this event phase.

General Knowledge and Problem-Solving Examination (175 points)

Participants will answer 30 multiple-choice general knowledge questions and will solve five problems related to the various aspects of the floriculture industry identified in the event objectives, including flowers and material from the wholesaler and how they are handled, stored, and used in the flower shop; knowledge of floral design (arrangement) and marketing of floral products from the floral shop as well as participants' knowledge and understanding of basic biological and scientific principles of producing and marketing flowers, plants and foliage. Each problem will describe the situation or create the problem and list four possible solutions to the problem. The participant must decide on the best possible solution to the problem. All materials and information necessary to solve the problem will be available to the participants as they solve the problem. Each participant will be allowed 50 minutes to complete the 35-question exam. Each answer has a value of five points.

Annual Practicums (300 points)

Each participant will complete three annual practicums:

- Floral arrangement
- Growing procedures
- Retail Pricing

FLORAL ARRANGEMENT (100 POINTS)

Make a floral arrangement in compliance with the scenario provided. Participants will be allowed 20 minutes to complete their arrangement using the materials provided. At the beginning of the practicum, the event assistant will provide participants with the flowers and foliage they will use in their arrangements. Scoring criteria are presented on the [Floral Arrangement Practicum scorecard](#), which a judge will record.

Explanation of Floral Arrangement Terms

Design: Category interpretation: design follows the objective/scenario given

Balance: Physical and visual

Creativity: Artistic inventiveness

Depth: Placement of materials at different levels throughout the arrangement

Focal Emphasis: Design has one area of design that attracts the eye to it

Line: Movement

Mechanics: Professional techniques and application

Scale: Proportion

Unity: Cohesiveness of design

Color: harmonious use of color

GROWING PROCEDURES (100 POINTS)

One of the three activities listed below will be demonstrated annually. Ten minutes will be allowed for this section, including questions from the judges. Seven (7) minutes will be allowed to complete the assigned task, one minute for judges' questions, and two minutes for judges' scoring.

Potting of Young Plants (Plugs or Liners)

Participants will be asked to plant young plants in the pots provided. Each participant will be given a group of young plants from which to select their transplants, an appropriate pot or pots, a potting medium, an ID stake, and a marking pencil. Scoring criteria are presented on the [Potting of Young Plants Practicum Rubric](#), which a judge will record.

Asexual Propagation of Plants

Each participant will be provided with the parent plant materials and all other materials needed to propagate plants asexually. Participants will take cuttings from the plant provided them using the available materials and place them in the correct media, best for rooting. Participants should sanitize all equipment and use it appropriately in a safe manner. Scoring criteria are presented on the [Asexual Plant Propagation Rubric](#), which a judge will record.

Pinching Plants

A plant will be placed before each participant. Participants will be judged on the procedures they follow in pinching the plant in compliance with the scenario provided. Scoring criteria are presented on the [Pinching Plants Rubric](#), which a judge will record.

DETERMINING RETAIL PRICING (100 POINTS)

Participants will determine the retail cost of a finished floral arrangement, foliage plant basket, mixed planter, or dish garden. Participants will be provided with the wholesale cost of each item used in the design. They will need to determine the price per stem or item as well as the markup. Retail markup is determined at 3 times the wholesale cost for fresh products and 2 times the wholesale cost for hard goods. Participants will also be asked to figure labor at 20%, tax at 7% as well as delivery (if used in the scenario). Participants will have 20 mins to complete this practicum. Questions will be asked in a multiple-choice format. The practicum will be comprised of 10 questions, each of which is worth 10 points.

Rotational Practicums (150 Points)

In addition to the two annual practicums, two practicums will be selected from the list below for each noted year. The event superintendent will identify the three practicums to be used in the annual team orientation packet, which is available before the convention on the [CDE/LDE webpage](#).

SELLING PRACTICUM (75 POINTS) (ONE WILL BE CHOSEN)**Selling One-on-One**

Each participant will assume the role of a salesperson in a floriculture business (grower, florist shop, garden center, etc.) A customer (judge) with a specific need will approach the participant. The participant will help the customer meet their needs by using sales skills. All supplies, information and the business setting in which the participant works will be provided. Ten minutes will be allowed for this practicum. Of the ten minutes, participants will be allowed three minutes to review the given scenario, five minutes for dialogue with the customer and completion of the sales form. Judges will be allowed two minutes to score the participant. Scoring criteria are presented on the selling [One-on-One Practicum Rubric](#), which a judge will record.

Media Selling

Each participant will be asked to create or evaluate advertising from the following media sources:

- Newspaper/catalog ad
- Radio script
- Newsletter
- Brochure/flyer
- Email
- Social media
- Video
- Web homepage

All information and materials needed to develop the advertisement will be provided. Up to 15 minutes will be allowed for this practicum, depending on the task assigned. Scoring criteria are presented on the [Media Selling Practicum Rubric](#), which a judge will record.

MAKE A MIXED PLANTER COMBINATION (75 POINTS)

Each participant will make a mixed combination planter. All plant materials, growing media and containers will be provided. Twenty (20) minutes will be allowed for each participant to make their mixed combination planter. At the beginning of the practicum, the participant will be provided with plants and other materials to be used in their mixed combination planter. The selection of materials should be combined to create a floral display according to acceptable retail practices, using appropriate elements and principles of design within the floral industry. Scoring criteria are presented on the [Making a Mixed Combination Planter Rubric](#), which a judge will record.

CREATE AND PACKAGE A BODY FLOWER PIECE (75 POINTS)

Each participant will make and package a body flower piece. These pieces could include any of the following: corsages, boutonnieres, floral jewelry, crowns, arm, wrist, or ankle pieces, and hair accessories. The type of design and information about the piece will be provided to the participants through a given scenario at the beginning of the practicum by the event assistant in charge. All plant and non-plant materials needed to construct and package the piece will be provided. The selection of materials should be combined to create a floral display according to acceptable retail purposes, using appropriate elements and principles of design. Each participant will be allowed 20 minutes to complete the construction of the piece. Scoring criteria are presented on the [Create and Packaging a Body Flower Piece Rubric](#), which a judge will record.

GREENHOUSE MAINTENANCE AND MANAGEMENT PRACTICES (75 POINTS)

Each participant will be asked to trouble shoot a maintenance or management issue that a grower might encounter in a greenhouse. Participants will be asked to either physically demonstrate a task or talk through the situation with a judge. Examples of items the students might encounter can include but are not limited to:

- Mixing a fertilizer solution and/or using a fertilizer injector
- Program a greenhouse irrigation timer
- Repair a greenhouse water line
- Mix and/or apply a pesticide
- Program a greenhouse thermostat system

Each participant will be allowed 20 minutes to complete the assigned task. Scoring criteria are presented on the [Greenhouse Maintenance and Management Practices Rubric](#) which a judge will record.

Scoring

Phase	Individual Points	Team Points
Plant and Equipment Identification	200	800
General knowledge and Problem-Solving	175	700
Annual practicums - 100 points each * Floral arrangement * Growing procedures * Retail Pricing	300	1200
Rotational practicums – 2 selected * Selling One on One * Make a Mixed Planter Combination * Create and Package a Body Flower Piece * Greenhouse maintenance and management practices	150	600
Team activity	0	800
TOTAL	825	4,100

TIEBREAKERS

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

Individual

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

Team

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

Awards

Awards will be presented to individuals and teams at the awards ceremony based on their rankings. Advisors of cash award recipients will receive information about claiming their award following the convention. Guidelines for amounts and recipients of cash awards can be found [here](#).

References

This list of references is not intended to be all-inclusive.

- Other sources may be utilized, and teachers are encouraged to use the best instructional materials available. The following list contains references that may prove helpful during event preparation.
- Past CDE materials and other resources are available on [FFA.org](https://www.ffa.org).
- Principal of Floral Design, Pat Diehl Scace, James M. DelPrince – Goodheart Wilcox Publisher. www.g-w.com
- The AIFD Guide to Floral Design: Terms, Techniques, and Traditions – The American Institute of Floral Design.
- Introduction to Horticulture Science and Technology. 5th edition, 2015. Schroeder, Seagle Felton, Ruter, Interstate Publishers, Inc.
- Introductory Horticulture. Carroll Shry, Edward Reiley. Eighth Edition.
- Greenhouse Operation and Management. Paul V. Nelson. Seventh Edition. (Specific reference for the disorders rotational practicum)
- Ball Publishing: Ball Redbook, Volume 1&2, 18th Edition.

Floriculture Plant Identification List

#	Botanical Name	Common Name
101	<i>Aechmea fasciata</i> cv.	Bromeliad
102	<i>Ageratum houstonianum</i>	Floss Flower
103	<i>Alocasia amazonica</i>	Amazon elephant ear
104	<i>Aloe vera</i>	Aloe plant
105	<i>Alstroemeria hybrid</i> cv.	Peruvian Lily
106	<i>Anemone coronaria</i>	Wind Flower
107	<i>Anethum graveolens</i> cv.	Dill
108	<i>Angelonia hybrid</i> cv.	Angelonia
109	<i>Anthurium x andraeanum</i> cv.	Flamingo Plant
110	<i>Antirrhinum majus</i> cv.	Snapdragon
111	<i>Aphelandra squarrosa</i> cv.	Zebra Plant
112	<i>Araucaria heterophylla</i>	Norfolk Island Pine
113	<i>Asparagus densiflorus</i>	Fox Tail Fern
114	<i>Aster Amellus</i>	Aster
115	<i>Astilbe hybrid</i> cv.	Astilbe
116	<i>Begonia x semperflorens – cultorum</i>	Wax Begonia
117	<i>Begonia x tuberhybrida</i> cv.	Tuberous Begonia
118	<i>Caladium x hortulanum</i> cv.	Caladium
119	<i>Calathea insignis</i>	Rattlesnake plant
120	<i>Calibrachoa hybrid</i> cv.	Million Bells
121	<i>Callistephus chinensis</i> cv.	China Aster
122	<i>Campanula hybrid</i> cv.	Bell Flower
123	<i>Canna x generalis</i> cv.	Canna
124	<i>Capsicum annuum</i>	Ornamental Pepper
125	<i>Celosia argentea</i> cv.	Cockscomb
126	<i>Centaurea cyanus</i>	Cornflower, Bachelor's Button
127	<i>Chamaedorea elegans</i>	Parlor Palm
128	<i>Chamelaucium uncinatum</i>	Waxflower
129	<i>Cholorophytum comosum</i> cv.	Spider Plant
130	<i>Chrysanthemum x morifolium</i>	Chrysanthemum
131	<i>Clematis hybrid</i> cv.	Clematis
132	<i>Codiaeum variegatum pictum</i>	Croton
133	<i>Colocasia esculenta</i>	Taro
134	<i>Cordyline fruticosa</i>	Ti Plant
135	<i>Crassula argentea</i>	Jade Plant
136	<i>Cycas revoluta</i> cv.	Sago Palm
137	<i>Cyclamen x persicum</i> cv.	Cyclamen
138	<i>Cymbidium</i> cv.	Cymbidium Orchid
139	<i>Cymbopogon</i> cv.	Lemongrass (herb)
140	<i>Dahlia hybrid</i> cv.	Dahlia
141	<i>Delosperma</i>	Ice Plant
142	<i>Delphinium consolida</i> cv.	Larkspur
143	<i>Dendrobium</i> cv.	Dendrobium Orchid
144	<i>Dianthus caryophyllus</i> cv.	Carnation
145	<i>Dracaena Marginata</i>	Red Edge Dracaena
146	<i>Echinocactus</i> cv.	Barrel Cactus

#	Botanical Name	Common Name
147	<i>Epipremnum aureum</i> cv.	Golden Pothos
148	<i>Erica carnea</i> cv.	Winter Heath
149	<i>Eucalyptus polyanthemos</i>	Silver Dollar Eucalyptus
150	<i>Euphorbia pulcherrima</i> cv.	Poinsettia
151	<i>Eustoma grandiflorum</i>	Lisianthus Prairie gentian
152	<i>Exacum affine</i>	Persian Violet
153	<i>Ficus benjamina</i> cv	Benjamin Fig
154	<i>Ficus elastica</i> cv	Rubber Plant
155	<i>Ficus lyrata</i>	Fiddle Leaf Fig
156	<i>Fragaria x ananassa</i> cv.	Strawberry Plant
157	<i>Freesia x hybrida</i>	Freesia
158	<i>Gardenia jasminoides</i>	Gardenia
159	<i>Gerbera jamesonii</i>	Gerbera Daisy
160	<i>Gladiolus x hortulanus</i> cv.	Gladiolus
161	<i>Gomphrena hybrid</i> cv.	Globe Amaranths
162	<i>Gypsophila elegans</i> cv.	Baby's Breath
163	<i>Hedera helix</i> cv.	English Ivy
164	<i>Helianthus annuus</i>	Sunflower
165	<i>Hemerocallis</i> cv.	Daylily
166	<i>Hibiscus</i> spp.	Hibiscus
167	<i>Hippeastrum hybrid</i> cv.	Amaryllis
168	<i>Hosta</i> cv.	Hosta Plantain Lily
169	<i>Hoya carnosa</i>	Wax Plant
170	<i>Hyacinthus orientalis</i> cv.	Hyacinth
171	<i>Hydrangea macrophylla</i>	Big Leaf Hydrangea
172	<i>Hypoestes phyllostachya</i>	Polka-Dot plant
173	<i>Impatiens hawkeri</i>	New Guinea Impatiens
174	<i>Impomoea batatas</i> cv.	Sweet potato vine
175	<i>Iris x xiphium</i> cv.	Dutch Iris
176	<i>Justica brandegeana</i>	Shrimp Plant
177	<i>Kalanchoe x blossfeldiana</i> cv.	Kalanchoe
178	<i>Leucanthemum x superbum</i>	Shasta Daisy
179	<i>Liatris spicata</i>	Blazing stars
180	<i>Lilium hybrid</i> cv.	Asiatic or Oriental Lily
181	<i>Limonium sinuatum</i>	Statice
182	<i>Lobularia maritima</i>	Alyssum
183	<i>Mandevilla</i> spp.	Rock Trumpet
184	<i>Maranta leuconeura</i>	Prayer Plant
185	<i>Matthiola incana</i> cv.	Stock
186	<i>Monstera deliciosa</i>	Split Leaf Philodendron
187	<i>Narcissus hybrid</i> cv.	Daffodil or Narcissus
188	<i>Nephrolepis exaltata</i> cv.	Boston Fern
189	<i>Ocimum basilicum</i> cv.	Basil
190	<i>Opuntia</i> cv.	Cactus
191	<i>Paeonia</i> cv.	Peony
192	<i>Paphiopedilum hybrid</i> cv.	Ladyslipper Orchid

#	Botanical Name	Common Name
193	<i>Pelargonium peltatum</i> cv.	Ivy Geranium
194	<i>Pelargonium x hortorum</i> cv.	Zonal Geranium
195	<i>Pentas hybrid</i> cv.	Pentas star flower
196	<i>Peperomia</i> sp.	Peperomia
197	<i>Petroselinum crispum</i> cv.	Parsley
198	<i>Petunia x hybrida</i> cv.	Petunia
199	<i>Phalaenopsis</i> cv.	Moth Orchid
200	<i>Philodendron scandens oxycardium</i>	Heartleaf Philodendron
201	<i>Pilea cadierei</i>	Aluminum Plant
202	<i>Portulaca oleracea</i> cv.	Portulaca/ Moss rose
203	<i>Primula malacoides</i> cv.	Primrose
204	<i>Protea</i> sp.	Protea
205	<i>Ranunculus hybrid</i> cv.	Ranunculus/ Buttercups
206	<i>Rhododendron simsii</i> cv.	Azalea
207	<i>Rumohra adiantiformis</i>	Leatherleaf Fern
208	<i>Saintpaulia ionantha</i> cv.	African Violet
209	<i>Salvia splendens</i> cv.	Salvia
210	<i>Sansevieria trifasciata</i> cv.	Snake Plant
211	<i>Schefflera arboricola</i>	Dwarf Schefflera

#	Botanical Name	Common Name
212	<i>Schlumbergera bridgesii</i>	Christmas Cactus
213	<i>Sempervivum hybrid</i> cv.	Hens and Chicks
214	<i>Senecio cineraria</i>	Dusty Miller
215	<i>Senecio rowleyanus</i>	String of Pearls
216	<i>Solenostemon scutellarioides</i>	Coleus
217	<i>Solidago hybrid</i> cv	Solidago
218	<i>Spathiphyllum</i>	Peace Lily
219	<i>Stephanotis floribunda</i>	Stephanotis
220	<i>Strelitzia reginae</i>	Bird of Paradise
221	<i>Syngonium podophyllum</i>	Arrowhead plant
222	<i>Tagetes species</i> cv.	Marigold
223	<i>Tillandsia</i> spp.	Air Plant
224	<i>Tradescantia zebrine</i>	Inch Plant
225	<i>Tulipa</i> cv.	Tulip
226	<i>Verbena hybrid</i> cv.	Verbena
227	<i>Viola x wittrockiana</i> cv.	Pansy
228	<i>Zantedeschia hybrid</i> cv.	Calla Lily
229	<i>Zinnia</i> cv.	Zinnia
230		

Floriculture Equipment and Supply Identification List

301	#100 Ribbon (satin, sheer, wired)
302	#3 Ribbon (satin, sheer, wired)
303	#40 Ribbon (satin, sheer, wired)
304	#9 Ribbon (satin, sheer, wired)
305	18-Gauge floral wire
306	28-Gauge floral wire
307	Anvil-and-blade pruner
308	Backflow preventer
309	Bouquet sleeve
310	Bulb planter
311	Cardette
312	Cell pack containers
313	Ceramic container
314	Chemical resistant gloves
315	Chenille stem
316	Coconut coir
317	Compressed air sprayer
318	Corsage box
319	Corsage pin
320	Corsage snips
321	Drip emitter, irrigation
322	Dry foam
323	Dust mask
324	Duster
325	Ellepot propagation cubes
326	Enclosure card
327	Fern greening pins
328	Fertilizer injectors
329	Floral adhesive
330	Floral foam
331	Floral knife
332	Floral preservative
333	Floral stem tape

334	Fogger
335	Gas mask
336	Glass vase
337	Glue gun
338	Glue pan
339	Glue sticks
340	Granular fertilizer
341	Greenhouse thermostat
342	Hanging basket
343	Hearing protection
344	Hook-and-blade pruners (bypass pruners)
345	Hose punch
346	Hose repair coupling
347	Hose-end repair fitting
348	Hose-end sprayer
349	Hose-end washer
350	Impulse sprinkler
351	Drip Irrigation tape
352	Irrigation timer
353	Mist nozzle (mist bed)
354	Nosegay holder
355	Nursery container
356	Oscillating sprinkler
357	Peat moss
358	Peat pots
359	Pest strips
360	pH testing meter
361	Polyethylene film
362	Polyethylene pipe
363	Pot covers
364	Propagation mat
365	Propagation trays
366	PVC (polyvinylchloride) pipe

367	PVC pipe cutter
368	Resin-coated fertilizer
369	Respirator
370	Ribbon shears
371	Rice hulls
372	Rockwool propagation cubes
373	Rose and stem flower stripper
374	Safety goggles
375	Sand
376	Scoop shovel
377	Shade fabric
378	Sharpening stone
379	Sheet moss
380	Siphon injector
381	Soil moisture meter
382	Solenoid valve
383	Spaghetti tubing (1/4" diameter or less)
384	Spanish moss
385	Sphagnum moss
386	Spray suit
387	Square point (flat) shovel
388	Styrofoam
389	Surestik cling
390	Tulle
391	Vermiculite
392	Water breaker
393	Water picks
394	Water soluble fertilizer
395	Water tubes
396	Waterproof container tape
397	Wire cutter
398	Wooden pick
399	Wrist corsage holder

Disorder Identification List

Nutritional/Environmental Disorders

401.	Cold temperature (freeze)
402.	Cold water damage
403.	Ethylene damage
404.	Insufficient water damage
405.	Iron deficiency
406.	Nitrogen deficiency
407.	Phosphorus deficiency

Diseases

408.	Botrytis – Gray mold
409.	Damping-off
410.	Downy mildew
411.	Leaf spot (Black)
412.	Powdery mildew
413.	Root rot
414.	Rust
415.	Stem rot
416.	Tospovirus (INSV and TSWV)

Insects and Pests

417.	Aphids
418.	Fungus gnats
419.	Leaf miner
420.	Leafhopper
421.	Mealybugs
422.	Scale
423.	Shore flies
424.	Snails/Slugs
425.	Spider mites
426.	Thrips
427.	Whiteflies

Floral Arrangement Practicum Rubric

100 POINTS

Name	Member Number	Chapter/State	Team Number
Evaluator Name	Evaluator's Signature	Date	

	Excellent 7-10 points	Good 4-6 points	Needs Improvement 0-3 points	Member Score
Category interpretation	Design follows given scenario within provided parameters and correlates to the appropriate style, shape and design	Design slightly followed given scenario but is somewhat lacking in appropriate style, shape, or design	Design does not follow given scenario and/or lacks in following the given style, shape, or design	
Balance	Design is both visually and physically balanced	Design is slightly off balanced	Design is not balanced visually or physically	
Creativity	Design expresses advanced creative ability and advanced design techniques	Design expresses some creative ability and minimal advanced design techniques	Design lacks creative ability and demonstrates limited design techniques	
Depth	Placement of materials at different levels is evenly distributed throughout	Placement of materials are somewhat distributed evenly	Placement of items are not distributed evenly	
Color	Color is used evenly/harmoniously throughout	Color is used somewhat correctly	Color is not used correctly	
Focal emphasis	Design has one area of design that attracts the eye	Design somewhat has a clear focal point	Design does not have a clear focal point	
Line / Rhythm	Design has a clear sense of movement created visually by the placement of floral materials	Design has a somewhat clear sense of movement created visually by the placement of floral materials	Design has no clear sense of movement created visually by the placement of floral materials	
Mechanics	Techniques used to keep floral material secure and stable are hidden or done neatly	Techniques used to keep floral material secure and stable are somewhat hidden or done neatly	Techniques used to keep floral material secure and stable are not hidden or done neatly	
Scale / Proportion	Design is the correct size based on container given	Design is slightly out of proportion or scale	Design is not in proportion with container given or space indicated	
Unity	All principles of designs are present and executed well	Some principles of design are executed well	None or few principles of design are executed well	
TOTAL SCORE (100 points possible)				

Asexual Plant Propagation Rubric

100 POINTS

Name	Member Number	Chapter/State	Team Number		
Judge Name	Judge's Signature	Date			
	Excellent	Good	Needs Improvement		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 cuttings 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 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 rooting	0-2 points selected incorrect rooting medium	(X2)	
Sticking of cuttings in growing media	5-6 points Creating a dibble 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)	
Cuttings 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 answered questions	(X2)	
TOTAL SCORE (100 POINTS POSSIBLE)					

Pinching Plants Rubric

100 POINTS

Name	Member Number	Chapter/State	Team Number		
Judge Name	Judge's Signature	Date			
	Excellent 8–10 points	Good 4–7 points	Needs Improvement 0–3 points		Member Score
Selection of plant part to pinch	Followed given scenario to determine correct pinch	Some pinches were made in incorrect places 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 or too much to get desired effect per instructions	Most or all of plant pinches would not allow the plant to reach desired effect per instructions	(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)					

Potting of Young Plants Practicum Rubric

100 POINTS

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

Selling One-on-One Practicum Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number	
Judge Name	Judge's Signature	Date		
	Excellent 9-11 points	Good 5-8 points	Needs Improvement 0-4 points	Member Score
Took initiative	Student started dialogue, greeting and/or introduction given	Dialogue required prompting by judge	No introduction given, no dialogue started by student	
Communicated effectively	Modeled active listening skills and asked appropriate questions	Did not ask enough questions or had to be prompted by judge	Student did not ask any questions	
Exhibited ambition and efficiency	Student able to gauge customer service and move further with the sale	Judge had to help, offer suggestions to accomplish the sale	Low energy and judge had to pull information from student	
Diplomatic and courteous	Displayed proper customer service, used polite terminology	Sometimes displayed proper customer service skills	Did not display proper customer service or polite terminology	
Knew merchandise, prices and policies	Explain accurately what options were available while using correct terminology	Was able to explain partial information/options to judge	Did not give correct information about selling options	
Accuracy of information collected	Order form filled out correctly with all required information	Missing some information or some information listed incorrectly on order form	Order form not filled out or filled out incorrectly	
	Excellent 7-9 points	Good 4-6 points	Needs Improvement 0-3 points	Member Score
Closed sale properly	Student tried to increase the sale, displayed proper customer service, offered a thank you	Did not increase sales or did not say thank you	Did neither up sale or offer thank you	
TOTAL SCORE (75 POINTS POSSIBLE)				

Making a Mixed Combination Planter Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number	
Judge Name	Judge's Signature	Date		
	Excellent	Good	Needs Improvement	Member Score
Selection of products	10–13 points Plants selected correctly to match scenario given and pot size	5–9 points Some of the plant selected match pot size and given scenario	0–4 points Plants selected do not match pot size or scenario	
Preparation of plant materials	9–12 points Soil is filled to the correct level, plants are planted at correct depth, and soil firmed after planting	5–8 points Some of the items for correct planting are missing or incorrectly demonstrated	0–4 points Plants were not prepared properly and/or soil was not prepared properly	
Labeling of combo	7–10 points Labeled with date planted, plant names, and cultivars	4–6 points Labeled with some but not all information required	0–3 points no label present or labeled incorrectly	
Balance	9–12 points Plants are evenly spaced within the pot, plants are physically and visually balanced with container size	5–8 points Plants are slightly off balance, placement of plants does not align with physical or visual display	0–4 points Plants are not balanced visually or physically	
Design	11–15 points Principles of design are followed while completing the mixed planter	6–10 points Some of the principles of design are followed	0–5 points None or few of the principles of design we followed when completing the planter	
Attractiveness	10–13 points Mixed Planter is presented in a sellable fashion, no broken pieces/part, pot clean, and plants faced in pot.	5–9 points Mixed Planted is presented in a somewhat sellable condition.	0–4 points Mixed Planter is presented in poor, unfinished, or non-sellable condition	
TOTAL SCORE (75 POINTS POSSIBLE)				

Making and Packing a Body Flower Piece Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number	
Evaluator Name	Evaluator's Signature	Date		
	Excellent	Good	Needs Improvement	Member Score
Mechanical Application	11–15 points Techniques used to keep floral material secure and stable are hidden or done neatly.	6–10 points Techniques used to keep floral material secure and stable are somewhat hidden or done neatly.	0–5 points Techniques used to keep floral material secure and stable are not hidden or done neatly.	
Color	11–15 points Color is used evenly/harmoniously throughout.	6–10 points Color is used somewhat correctly.	0–5 points Color is not used correctly.	
Creativity	11–15 points Design expresses a high level of creative ability and advanced design techniques.	6–10 points Design expresses some creative ability and minimal advanced design techniques.	0–5 points Design lacks creative ability and demonstrated limited design techniques.	
Balance	11–15 points Design is physically and visually balanced.	6–10 points Design is slightly off balance.	0–5 points Design does not follow the principles of design regarding balance.	
Design & Category Interpretation	11–15 points Design follows scenario given for an overall cohesive design.	6–10 points Design somewhat follows scenario given and overall design is somewhat cohesive.	0–5 points Design does not follow given scenario.	
TOTAL SCORE (75 POINTS POSSIBLE)				

Media Selling Practicum Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number	
Judge Name	Judge's Signature		Date	
	Excellent	Good	Needs Improvement	Member Score
Identified and appealed to target group	9-12 points Clearly identified by demographics and product/service meets needs/wants of target group	5-8 points Somewhat identified by demographics and product/service may meet needs/wants of target group	0-4 points Not identified by demographics and product/service does not meet needs/wants of target group	
Informed the consumer	7-9 points Material created makes target market clearly aware of what the product/service is, what it does and where it is available	4-6 points Material created makes target market somewhat aware of what the product/service is, what it does and where it is available	0-3 points Material created does not make target market aware of what the product/service is, what it does and where it is available	
Creativity	7-9 points Material is relevant and well-designed and add appeal to the plan and its recommendations	4-6 points Material showcases creative thinking. Design is adequate.	0-3 points Material lacks refinement, creativity, or don't connect to the audience.	
Organization and Format	7-9 points Information flows seamlessly from one point to next, Content is well-organized and visually/audibly compelling.	4-6 points Information generally well ordered with a few confusing jumps/r readable with inconsistent flow	0-3 points Information does not move logically from one point to another, choppy or confusing,	
Presented one idea	7-9 points The central theme or controlling idea is clearly defined and is concise, precise, and clearly explained	4-6 points The central theme or controlling idea is mostly defined but needs some clarification or additional details.	0-3 points The central theme or controlling idea is unclear, poorly defined, or confusing.	
Contained essential information	7-9 points Clearly evident what product/service is being provided or sold, includes price, place, promotion, and other vital information.	4-6 points Somewhat evident what product/service is being provided. Missing one or two vital pieces such as price, place, promotion, etc.	0-3 points Unclear what product/service is being provided and missing several vital pieces of information.	
Grammar, spelling, accuracy	7-9 points No inaccurate information, misspellings or grammatical errors	4-6 points No inaccurate information given with three or fewer misspellings and or grammatical errors.	0-3 points Contains inaccurate information and/ or has more than three misspellings and or grammatical errors.	
Use of Provided Material	7-9 points Photos, video, &/or audio add clarity and support overall message. Incorporated adequate elements/visuals. Content was not repetitive.	4-6 points Incorporated numerous Elements/visuals. Content was not repetitive Photos, video, &/or audio add some clarity and support.	0-3 points Photos, video, &/or audio add little to no clarity and support. Failed to incorporate elements/visuals. Repeated use of elements.	
TOTAL SCORE (75 possible points)				

Greenhouse Skills Rubric

75 POINTS

Name	Member Number	Chapter/State	Team Number		
Judge Name	Judge's Signature	Date			
Indicator	Very strong evidence of skill	Moderate evidence of skill	Weak evidence of skill	Points Earned	Total Score
Identification of the problem or task that needs to be completed	5-6 points Problem or issue was correctly identified	3-4 points Problem or issue was partially identified	0-2 points Did not recognize the problem or issue needed to be addressed		
Selection of appropriate resources to solve or complete the issue/task	6-9 points Selected the correct tools/resources needed to complete the issue/task	4-5 points Chose some of the correct tools/resources needed	0-3 points Chose wrong tools/resources needed		
Appropriate use of available resources in solving	6-9 points Used the right tools/ resources in a correct and appropriate manner	4-5 points Used some tools/ resources appropriately but some inappropriately	0-3 points Used tools/resources inappropriately		
Procedures to solve or complete the issue followed correctly	8-11 points Followed the correct steps in the correct order to solve or complete the situation	6-7 points Used some of the correct steps but some skills done incorrectly	0-5 points The steps to solve the issue/procedure done inappropriately		
Technical skills needed to solve or complete the problem/issue	8-11 points Used the correct skills/tools in an appropriate manner to solve or complete the issue/procedure	6-7 points Used some skills/tools used correctly but some done inappropriately	0-5 points Technical skills mostly absent in solving the issue/procedure		
Correct safety procedures followed	6-9 points All necessary safety precautions were followed	4-5 points Some safety precautions followed but needs improvement	0-3 points Did not practice safety precautions needed		
Problem solved or completed accurately	6-9 points The issue was solved or task was completed accurately	4-6 points The issue was worked on but everything was not completed	0-3 points The issue was not resolved for continued use		
Response to questions	8-11 points Answered judge's questions correctly	6-7 points Answered some questions correctly.	0-5 points Did not or incorrectly answered questions		
TOTAL POINTS (75 possible points)					

Team Activity Rubric

800 POINTS

Name	Member Number	Chapter/State	Team Number
Judge Name	Judge's Signature	Date	

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 others cooperated.	One member seemed to assume leadership.	No leadership role(s) were established.		X 10	
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.		X 25	
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.		X 25	
Teamwork displayed during the entire planning process	Team members worked together the entire time to complete the assigned task and were supportive of each other.	Two or three team members worked together to complete the assigned task.	Two member or less worked together to complete the assigned tasks.		X 15	
Technical Value/ Correct Information/ Realistic Plan created	Ideas discussed are creative, include accurate information, and realistic for the size and scope of the chapter	Ideas discussed lack creativity but are accurate and realistic	Ideas discussed are not realistic but include some errors.		X 15	
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.		X 20	
Quality/ completion 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.		X 35	
TOTAL POINTS (800 possible points)						