

FFA Agriculture Field Day

October 10, 2019 – Registration 8:00a.m. Contest start 9:00 am

Registration-East Parking Lot: Contest: SC Farm and Campus

Contact List

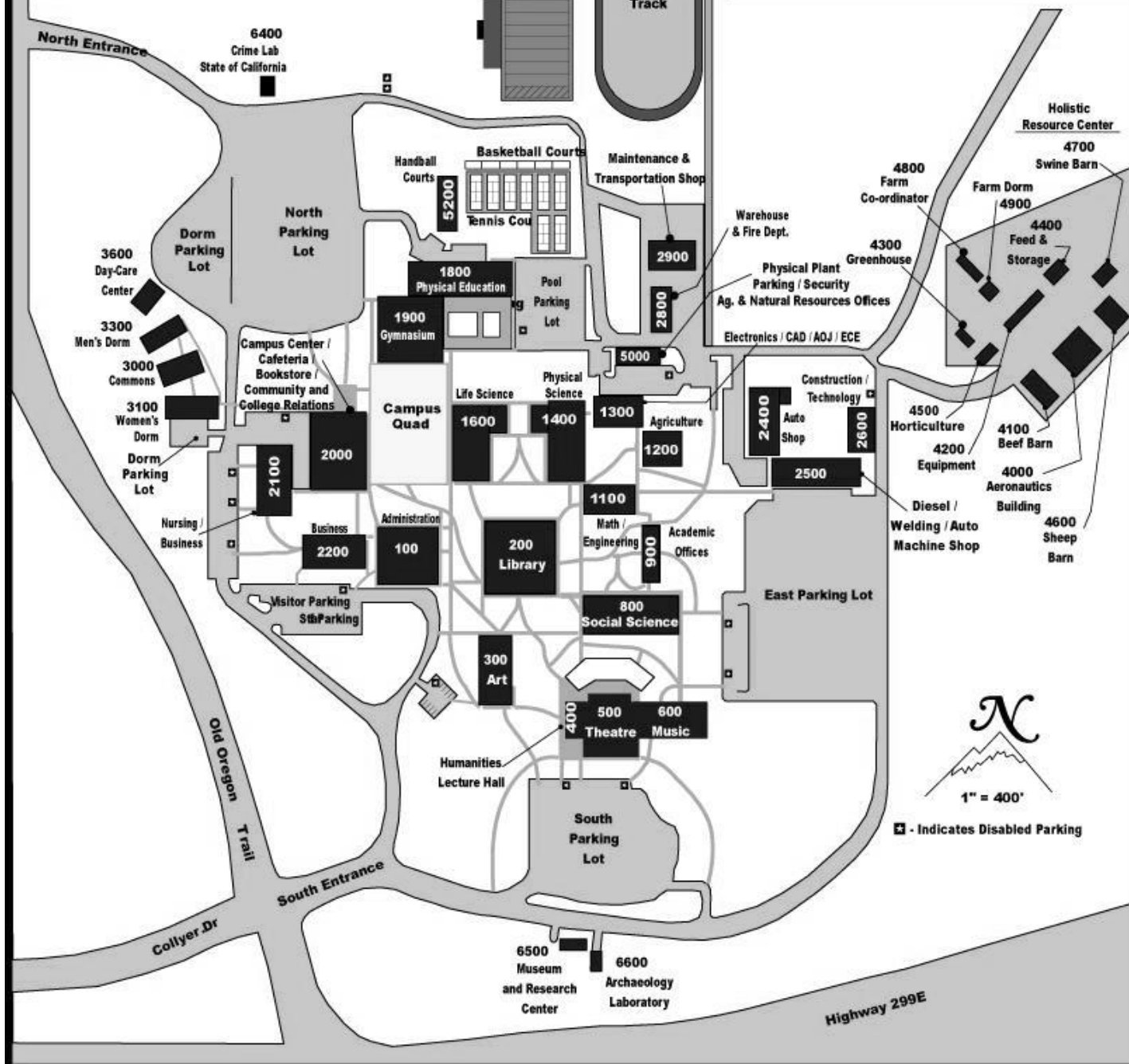


CONTEST	CONTEST COORDINATOR(S)	LOCATION
Novice Ag Mechanics	John Livingston (530) 227-2171 (text) Pete Dickerson	1207 - Farm Shop
Ag Sales	Audra Harl (530) 242-2209	TBD
B.I.G.	Audra Harl (530) 242-2209	TBD
Diesel Technology	Ray Nicholas - (530) 242-2213	2500 - Diesel Shop
Farm Power/ Machinery	John Livingston (530) 227-2171 (text) Clancy Mitchell	Equipment Yard at Farm
Farm Records	Audra Harl (530) 242-2209 Larry Forero	TBD
Floriculture	Leimone Waite – (530) 242-2210	4500 - Horticulture Bldg.
Forestry	Melissa Markee (530) 242-2298	1201
Adv. & Nov. Horse Judging	Jonas Lindbloom - (530) 242-7564 Audra Harl (530) 242-2209	TBD
Adv. & Nov. Horticulture	Leimone Waite - (530) 242-2210 Molly Greenwood	4500 - Horticulture Bldg.
Land/Soils	Leimone Waite - (530)242-2210	TBD
Livestock Judging (Advanced)	Jonas Lindbloom - (530) 242-7564 Audra Harl (530) 242-2209	Goat/Sheep Barn
Livestock Judging (Novice)	Jonas Lindbloom - (530) 242-7564 Audra Harl (530) 242-2209	Goat/Sheep Barn
Log Bucking and other Activities	John Livingston (530) 227-2171 (text) Rick Boonthier	Farm Parking Lot
Small Engines	Cindy Rohde (530)300-1700	2500/2600 bldg. complex
Advanced Ag Welding	Jay Davis (530) 242-2216	2500-Welding Building
Vet Tech/ Specialty Animal	Audra Harl (530) 242-2209	Pavilion 4000 bldg.
Vegetable Crops	Leimone Waite (530) 242-2210 Katie Tenneson	4500- Horticulture Area



Shasta College

11555 Old Oregon Trail
 P.O. Box 496006
 Redding, CA 96049-6006
 (530) 225-4600



Shasta College, Division of Business, Agriculture, Industry and Technology
 11555 Old Oregon Trail, P.O. Box 496006, Redding, CA 96049-6006
 530-242-7560

2019 CONTEST INFORMATION

NOVICE AGRICULTURAL MECHANICS

Please only enter novice students. (A novice student is a first or second year ag. mechanics student, any grade)

Contest Content:

Each contestant will be required to complete an Electrical wiring project, (E 7018 1/8" rod), Butt weld in the flat position, Tool I.D. Test, Basic Surveying Activity (Differential leveling) and a Measuring Activity. The contestants must bring their own tools and welding safety gear. Mark all of your tools with your school name.

Recommended tool list:

1. Welding Helmet
2. Welding Gloves
3. Chipping Hammer
4. Wire Brush
5. Pliers
6. Coveralls
7. Safety Glasses
8. Pen or Pencil
9. Tape Measure
10. Wiring Tools (Wire Strippers, Needle Nose Pliers, Side Cutters, Flat and Phillips Screw Drivers, etc.)

AGRICULTURE SALES

You and your teammates are salespeople for Sierra Nevada Cheese. <https://www.sierranevadacheese.com/>
Your company sells a variety of cheeses.

Your team will be presenting to a group of wholesale buyers at the Fancy Food Show in San Francisco. The goal is to land a contract with a large natural food store, such as Whole Foods.

You will need to decide which product or products that best fit your market and answer the questions of the wholesale buyer.

15 minute preparation time; 10 minute presentation; 5 minutes questions

You will then have ten minutes to present your sales pitch for all customers to the judges as if they are your supervisors at the company.

Your job is to answer these questions for the wholesale buyer:

1. What are the potential customer needs and wants?
2. What are the features and benefits of the product(s) that address the customer's needs and wants?
3. What are the potential customer objections and how will you prepare to address them?
4. What are the possible related/complimentary products and their suggestive selling strategies?

BEST INFORMED GREENHAND

See Curricular Code for contest Rules and Regulations.

DIESEL TECHNOLOGY

Skill Test Content:

TOOL IDENTIFICATION - (see VEP Cal Poly, Tool I.D. Manual)
MICROMETER USAGE
DIAL INDICATOR USAGE
BASIC ENGINE COMPONENT IDENTIFICATION

Written Test Content:

BASIC ENGINE REPAIR PROCEDURES
BASIC FLUID POWER THEORY
BASIC ELECTRICAL THEORY

General Information

The contest will begin at 10:00 a.m. in the 2500 building, heavy duty mechanics shop in room. 2512. Students should bring a pen or pencil. Students will be judged on the number of correct answers for a total point score.

Student rank will be dictated by the student's total point score. There will be three individual awards and at least one team award.

FARM POWER AND MACHINERY

***Contestants must sign in prior to 9:00 a.m. to participate in this event.**

(All students must have prior tractor safety training and operation experience to participate in this event.)

1. Team can be made up of four members; top three make up team.
2. Each member will compete in all events.
3. Contest will be made up of the following areas:

I. Parts Identification

- A. Tractor Parts ID
Wheel type farm tractors
- B. Machinery and Hydraulics ID
Disc, Planter/Drill, Baler, Combine or Swather may be used.

II. Tractor Driving - Wheel tractors will be used.

- A. Backing with a trailer around cones.
- B. Precision (written or oral)

III. Troubleshooting of Tractors and Machinery

- A. Tractor Batteries

IV. General Information and Safety – Written Test

FARM RECORDS

The contest shall consist of two sections and follow the new AET format.

- A. Record Keeping Written Test.
- B. AET Scenario Problem

FLORICULTURE

The Floriculture contest will consist of the following classes: (400 total points possible)

1. Floral Design Arrangement - 30 Minutes (100 points possible)

A flower arrangement will be constructed by each team member. Each student will construct a one-sided vertical line design. Appropriate lines, mass, filler flowers, and foliage will be provided.

2. Tool/Materials Identification/ Flower Identification - 15 Minutes

50 items will be chosen from the CATA Curricular Activities Code list. (100 points possible)

3. Wristlet Construction - 30 Minutes

Students' corsages will be judged on design, construction and wear-ability. (100 points possible)

4. Judge 1 class of Flowers and 1 Class of Plants. (100 points possible)-15 minutes

Team can be made up of four (4) members per school. Top three (3) scores will make up a team score.

Required Tools: Floral knife or floral scissors (no fabric shears or kitchen knives)

Wire cutters or shears

NOTE: STUDENTS MUST PROVIDE REQUIRED TOOLS FOR CONTEST.

FORESTRY

Contestants

The contest team will be made up of four members. Each member will compete in all events as an individual and compete in the compass activity team event. The team score will be derived from the top three scores from that school's entrants plus the team activity score. All individuals may compete for individual awards, even those not on a complete team. Appendices can be found in the CATA Curricular Activities Code.

Rules

- II. All contestants must fill out the official scorecard and will be graded according to the points shown on the scorecard.
- III. Calculators shall be allowed in all aspects of the contest. If a contestant is found using a programmable calculator, they are to be disqualified.
- IV. All tools and equipment will be provided by Shasta College. Contestants are permitted to use their own measuring tapes (both logging and diameter tapes), non-adjustable measuring equipment, and surveying pins.

Contest Areas

The Forestry contest will consist of the following divisions and areas: (225 total points possible)

Division I - Identification

AREA 1 Plant Identification (Appendix A)

- 1. Thirty specimens from the Plants Identification list in Appendix A will be displayed.

2. Fresh foliage is preferred and if fruit, flowers or cones are available they will be part of the identification specimen. Otherwise cones, fruit or flower, and stems shall be used with a pressed specimen (no more than five pressed items are allowed).
3. The list in Appendix A and the score card shall list plants by scientific name, in alphabetical order, with common names listed on the right.
4. Fruit and/or cones can be displayed by themselves if they are underlined in the plant list (not to exceed five fruits and/or cones on the contest).
5. Scoring Information
 - a) Time allowed: 30 minutes.
 - b) Total points for this event: 60.
6. Scoring: 2 points for each correctly identified plant species.

AREA 2 Identification of Forestry Equipment (Appendix B)

1. Forestry Equipment Identification
 - a) 25 tools or forestry equipment items from the Forestry Equipment Identification list in Appendix B will be displayed.
 - b) No more than three (3) Stihl Chain Saw parts will be used.
 - c) All items will be clearly marked with a reference number for identification.
 - d) Pictures or accurate models can be used for heavy equipment portion.
 - e) Items must be good specimens of the equipment.
2. Scoring Information
 - a) Time allowed: 30 minutes.
 - b) Total points for this event: 50.
3. Scoring: One (2) points for each correctly identified forestry equipment item (25)

Division II - Land Measurement

AREA 3 Acreage

1. A three-to-four sided polygon with straight sides shall be measured for area in acres.
2. It will be free of obstructions so that it can be easily paced.
3. The acreage problem given must be 0.30 to 1.25 acres in area.
4. Scoring Information
 - a) Time allowed: 30 minutes.
 - b) Total points for this event: 30.
 - c) Scoring: One (1) point will be deducted for each .01 acres of error

DIVISION III - Forestry Knowledge and Graph and Table Interpretation

AREA 5 Forestry Knowledge:

1. 25 questions from the Forestry Knowledge list in Appendix D will be selected.
2. Scoring Information
 - a) Time allowed: 30 minutes.
 - b) Total points for this event: 50.
 - c) Scoring: A total of 25 questions will be selected. Each question is worth two points each.

AREA 6 Graph and Table Interpretation: 50 points total.

1. Site Index
 - a) A site index graph will be selected from those presented in Appendix E.
 - b) Three sets of tree heights and tree ages will be given.
 - c) The average tree height and age will be calculated by the contestant.

- d) The site index will be calculated by the contestant from their calculated averages and the graph provided.
- e) Scoring Information
 - (1) Time allowed: 30 minutes total for both (a) site index, and, (b) board foot volume.
 - (2) Total points for site index: 20. Scoring will be based on the actual value plotted (not rounded to the nearest line).
 - (3) Scoring: Ten points will be given for the correct Site Index rating, five points will be given for the correct average height, and five points will be given for the correct average age.
- 2. Board foot volume
 - a) The dbh and height for three trees will be given.
 - b) Board foot volume will be determined using a volume table in units of Scribner's Decimal C.
 - c) Scoring Information
 - (1) Time allowed: 30 minutes total for both (a) site index, and, (b) board foot volume.
 - (2) Total points for this event: 30.
 - (3) Scoring: Ten points will be awarded for each correct total volume (one point deducted for each ten board feet off).

DIVISION IV - Timber Measurements

AREA 7 Timber Measurement

- 1. Tree Height
 - a) Contestants will measure tree heights on two trees.
- 2. The clinometer will be used on one tree for total height, and either a logger's tape or a one hundred (100) foot tape will be used for measuring distance from the tree. Answers will be given in feet.
- 3. The Merritt Hypsometer will be used on one tree for number merchantable logs, and either a logger's tape or a one hundred (100) foot tape will be used for measuring distance from the tree. Answers will be given in logs and ½ logs.
- 4. Scoring Information
 - a) Time allowed: 10 minutes.
 - b) Total points for this event: 30.
 - c) Scoring: 15 points per tree possible. One (1) point will be deducted for every foot of error using a Clinometer. Five (5) points will be deducted for every 1/2 log (8 feet) of error using a Merritt Hypsometer.
- 5. Tree Diameter
 - a) Contestants will measure four (4) trees for diameters. Diameter will be determined at dbh (4.5 ft.).
 - b) Trees A & B will be measured with a Biltmore Stick
 - c) Trees C & D will be measured with a diameter tape to the nearest 0.1 in.
 - d) Scoring Information
 - (1) Time allowed: 10 minutes.
 - (2) Total points for this event: 40.
 - (3) Scoring: Ten points will be scored for each diameter. One point will be deducted for each two (2) inches of error for trees measured with a Biltmore Stick. One point will be deducted for each 0.1 inch of error for the trees measured with a diameter tape.

HORSE

- ADVANCED TEAM** Consists of **5 designated members** from each school with the top 3 individuals being the official team. Oral reasons on two classes.
- NOVICE TEAM** Consists of **10 designated members** from each school with the top 3 individuals being the official team. No Reasons

*Oral reasons will be given at the appropriate barns after the contest is over for ADVANCED TEAM members only.

Advanced HORTICULTURE

Novice HORTICULTURE

Plant ID – refer to Curricular code for list of possible plants.

There will be 25 plants chosen from the Curricular Code list. Students must ID plants from multiple choice test. Maximum points: 25

I. Seed Flat Preparation (one per student) Maximum Points: 40
Time: 9

min.

A. <u>Layout</u> (Selection of materials, equipment, etc.)	<u>POINTS</u>
1. Assemble materials and arrange for efficiency	
a. Clean flat	1
b. Check moisture of soil mix	1
c. Newspapers	1
d. Seed selection	2
e. Screen	1
f. Screed	1
g. Label and pencil	1
h. Sand	1
i. Float (pressboard)	1
j. Watering can or hose with nozzle	1
 B. <u>Preparation of Flat</u>	
1. Paper in bottom -- single sheet only if needed for type of flat	2
2. Fill flat by pushing into soil and scrape soil by hand into flat	2
3. Level with screed and use float or pressboard or firm with finger tips and level with screed	3
 C. <u>Seeding</u>	
1. Sow seed in crisscross pattern	4
2. Check for even seeding	3
3. Amount of seed	3
4. Cover seeds (check for depth and uniformity)	4

D. Watering - No water to be used - contestant to explain his method

- | | |
|-----------------------|---|
| 1. Method of watering | 3 |
|-----------------------|---|

E. Finish

- | | |
|--|----------|
| 1. Label - name, variety, and color of plant; date, student's name | 2 |
| 2. Clean up and replace equipment | <u>3</u> |

TOTAL	40
-------	----

II. Potting (Three per student) transfer plants from flats to pots.

Maximum Points: 25
Time: 7 min.

A. Layout (Selection of equipment, materials, etc.)POINTS

- | | |
|--|---|
| 1. Assemble materials and arrange for maximum efficiency | |
| a. Select pots | 1 |
| b. Soil mix - check for moisture | 1 |
| c. Label and pencil | 1 |
| d. Watering can or hose with nozzle | 1 |

B. Handling Plants (Techniques)

- | | |
|--|---|
| 1. Select and loosen soil and lift out plants | 3 |
| 2. Center plant upright | 3 |
| 3. Place plant at correct level | 3 |
| 4. Fill pot and firm soil | 3 |
| 5. Tap pot lightly to level and loosen surface | 2 |

C. Finish

- | | |
|---|----------|
| 1. Prepare label - name of plant, date, student's name | 2 |
| 2. Explain method of watering - do not dislodge soil | 2 |
| 3. Return equipment and unused materials to proper place,
proper place, sweep bench and floor, and dispose of refuse | <u>3</u> |

TOTAL	25
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III. Cuttings (Three per student) Cuttings to be placed in pots.

Maximum Points: 32
Time: 9 min.

A. Selection of Materials (including equipment) and arrange for maximum efficiencyPOINTS

- | | |
|---|---|
| 1. Plant Material | |
| a. Clean, vigorous plant | 1 |
| b. Semi-hardwood, hardwood, heel
(Student to explain type of cutting he intends to make) | 2 |
| 2. Cutting media - clean washed sand, Perlite, or peat moss | 1 |
| 3. Clean washed pot | 1 |
| 4. Other items: | |
| a. Label and pencil | 1 |
| b. Cover for drain hole | 1 |
| c. Knife or pruners to trim leaves and make | |

cuttings - snap cuts are <u>not</u> acceptable	1
d. Water can or hose spray	1
B. <u>Technique of Making Cuttings</u>	
1. Position of cut (relation to node)	2
2. Proper length	2
3. Proper cut	2
4. Removal of leaves	2
C. <u>Planting of Cuttings</u>	
1. Cover drain hole	1
2. Open furrow with label or other method	1
3. Arrange cuttings in pot	1
4. Firm media	1
5. Level of media	1
6. Depth of placing cuttings	1
D. <u>Finish</u>	
1. Label - name, variety, and color if necessary: date, student's name	2
2. Explain watering method	2
3. Clean up	
a. Replace all equipment and unused materials	1
b. Clean bench and floor	1
c. Dispose of refuse	1
E. <u>Safe Usage of Tools</u>	<u>2</u>
TOTAL	32

IV. Fertilizers and Soil Amendments

Maximum Points: 10
(1 point for I.D.)
Time: 12 min.

Contestant is to know its use and be able to identify ten of the following fifteen common fertilizers and soil amendments.

	<u>POINTS</u>
1. Liquid Acidifier - to lower ph of soil, used mostly for plants which need acid soils	1
2. Ammonium Sulphate - High inorganic nitrogen fertilizer for rapid growth	1
3. Blood Meal - Food source of organic nitrogen fertilizer for rapid growth	1
4. Bone Meal - Long lasting phosphorus fertilizer often used for bulbs	1
5. Commercial (complete) fertilizer - General fertilizer for all-purpose use	1
6. Cottonseed Meal - Slow acting organic fertilizer for acid loving plants	1

- | | |
|---|---|
| 7. Gypsum - Slightly acid soil amendment for improving soil structure | 1 |
| 8. Liquid Fertilizer - For rapid growth, ease of application | 1 |
| 9. Manure - Organic mulch with low food value | 1 |
| 10. Composted bark –used in potting mixes to increase nutrient and water holding ability. | 1 |
| 11. Peat Moss - Acid soil amendment with high water retention | 1 |
| 12. Perlite (sponge-rok) - Aluminum silicate used for rooting media and to open soil | 1 |
| 13. Redwood Shavings - Planting mixture or mulch | 1 |
| 14. Sulphur - Acid soil amendment to correct soil alkalinity | 1 |
| 15. Superphosphate - Medium phosphorus fertilizer for general use | 1 |

V. Planting From One-Gallon Can

Maximum points: 30
Time: 10 min.

- | <u>A. Layout</u> (Selection of material, equipment, etc.) | <u>POINTS</u> |
|--|---------------|
| 1. Select plant and give reasons (If plant found to be rootbound or has other undesirable traits after removal from container, student is to explain condition to judge) | 2 |
| 2. Shovel or spade | 1 |
| 3. Loppers | 2 |
| 4. Soil amendments (desirable for fertility and structure) | 2 |
| a. Peat moss | |
| b. Leaf mold | |
| c. Complete fertilizer | |
| d. Manure | |
| e. Redwood shavings | |
| 5. Watering device | 2 |
|
<u>B. Preparation of Hole</u> |
5 |
| 1. Hole twice the size of plant ball | |
| 2. Add soil amendment | |
|
<u>C. Planting</u> | |
| 1. Reasons for selecting plant | 2 |
| 2. Removal of plant from can | 2 |
| 3. Placing of plant (correct depth) | 2 |
| 4. Back-fill hole and firm | 2 |
| 5. Basin | 2 |

D. Finish

- | | |
|----------------------------|---|
| 1. Explain watering method | 2 |
| 2. Clean up | 2 |

E. <u>Safe Usage of Tools</u>	<u>2</u>
TOTAL	30

VI. Canning (Three per student) Shifting from pots to one-gallon can Maximum Points: 25
Time: 10 min.

A. <u>Assemble Materials and Arrange for Maximum Efficiency</u>	POINTS
1. Select plants to be shifted	2
2. Select gallon cans	1
3. Soil mix - check moisture content	1
4. Label and pencil	1
5. Watering can or hose	1
 B. <u>Techniques of Handling Plants</u>	
1. Removal and handling of plant and removal of weeds	2
2. Center plant at correct level and rake can full of soil with free hand or use bottle or pot method for making depression in soil to receive plant	2
3. Firm soil	2
4. Tap lightly to loosen or level surface soil	2
5. Correct soil level at finish	2
 C. <u>Finish</u>	
1. Label - name of plant, date, student's name	2
2. Explain method of watering	2
3. Clean up all equipment and unused materials, sweep bench and floor, and dispose of refuse	3
 D. <u>Safe Usage of Tools</u>	<u>2</u>
TOTAL	25

LAND/SOILS JUDGING

Follow Curricular Code. There will be three (3) soil sites. Please encourage your students to get into the pit, know the texture and soil color, I.D. the profile, and get down the definitions.
Student should know how to read and fill out score card.

CLIPBOARD AND PENCIL FOR EACH CONTESTANT IS REQUIRED.

Contest may be modified because of weather.

LIVESTOCK JUDGING

The Livestock Judging contest will strongly adhere to scoring only those judging cards that are completely filled out. Cards missing any information will not be scored.

Advanced and Novice scored teams will register in the **Sheep/Goat barn** and instructors will pick up non-

scored cards. Only those judging cards that are completely filled out will be scored. Cards missing any information will not be scored. **The contest starts at 9:00 a.m., promptly!** Please make your students aware of what contest they are in and make sure they bring a pencil!

Agriculture instructors will be allowed to critique all livestock classes with their students at 12:00 p.m.
NO EARLIER!

BEEF Two classes: Oral reasons, one class -- Advanced Team Only

GOAT: Two classes: Oral reasons, one class -- Advanced Team Only

SWINE Two classes: Oral reasons, one class -- Advanced Team Only

ADVANCED TEAM Consists of FIVE designated members from each school. The top THREE individuals will be the official team.

NOVICE TEAM Consists of FIVE designated members from each school. **ONLY THE TOP FIVE** individuals will be the official team.

NON-SCORED Five (5) entries from any school. These (green cards) cards will not be collected or scored.

NOTE: Oral reasons will be given immediately following the judging in the **Sheep/Goat barn** reason locations.

Agriculture instructors will be allowed to critique all livestock classes with their students at 12:00 p.m. (NO EARLIER). **Official placing will be given at critique.**

SMALL ENGINES

A team will be made up of three members. Each member will compete in all events. Alternates are welcome but will not compete in the troubleshooting event. **Contestants must supply their own pencils and tools to trouble shoot. COACHES NEED TO HELP JUDGE TROUBLESHOOTING!**

The contest is made up of the following areas:

- 1) Identification
- 2) Theory Test
- 3) Problem Solving
- 4) Troubleshooting (**Each Troubleshooting team must supply their own tools!**)

Advanced Ag WELDNG

This is an advanced contest, students will be required to Weld with MIG, TIG, ARC, OXY/ACT, in various positions. SMAW welding, oxy cutting, written test.

Each team must provide the following materials:

1. Welding helmet
2. Gloves
3. Coveralls
4. Chipping hammer
5. Wire brush
6. Safety glasses

Welding rod will be provided.

Vegetable Crops Competition

Purpose and Standards

The purpose of the Vegetable Crop Judging Contest is to create interest and promote understanding in the vegetable crop industry by providing opportunities for recognition through the demonstration of skills and proficiencies. It is the intention of the contest to provide a venue for students to explore career opportunities, skills and proficiencies in the vegetable crop industry. The emphasis of this contest is to promote critical thinking, evaluation, oral and identification skills.

Classes

Class	Individual Points	Team Points
Judging Class 1	50	150
Judging Class 2	50	150
Identification	400	1200
TOTAL	500	1500

- I. The Vegetable Crop Judging Contest will consist of the following:
 - A. Judging vegetables
 - B. Identification of edible portions of vegetables, vegetable seeds, common weeds, common insects and pests and vegetable plants intended for transplanting.
 - C. Identification of market defects, evidence of diseases and insect or pest damage.
 - D. There are 500 points possible for each contestant.
- II. General Rules
 - A. The individual(s) responsible for the contest has the authority to determine whether an answer given by a student is correct or not, using the current CATA Curricular Code.
 - B. Contestants and coaches are invited to ask questions of judges and inspect the judging samples after the close of the contest.
 - C. The judges will explain the placings at a set time after the close of the contest.
- III. Judging
 - A. Two classes of vegetables will be judged; each class will consist of two plates with each plate containing vegetables according to the following:

2 Specimens

Celery	Cauliflower
Cabbage	Lettuce
Broccoli (2 bunches)	

4 Specimens

Artichokes	Sweet Potatoes or Yams
Dry Onions	Irish Potatoes
Tomatoes	Peppers

10 Specimens

Carrot

6 Specimens

Squash
Table Beets

IV. IDENTIFICATION (Five points each)

- A. Eighty (80) specimens will be selected from the identification list. Specimens will be either vegetable (edible portion), vegetable seeds, weeds common to vegetable crop fields, insects and pests common to vegetable crops, market defects, evidences of diseases and insect or pest damage and vegetable plants intended for transplanting.
- B. Instructions to Contestants
 1. Contestants are not allowed to carry into the contest notes or any materials which may aid in taking the contest. No identification answer sheets or material indicating answers may leave the identification room. Contestants found in violation of this rule will be immediately disqualified.
 2. Contestants are not to take portions of the identification samples nor are they allowed to touch the samples in any way. Contestants found in violation of this rule will be immediately disqualified.
 3. Common names as given on the attached list will be used in identifying specimens.
 4. Five (5) points will be allowed for each specimen properly identified with a possible total of 400 points for each contestant.

Only the entire name of the specimen, as listed in the Curricular Code, will be scored as correct. Ditto marks shall not be used.

Veterinary Science /Small Animal Competition

This contest is designed to assess student knowledge, application, analytical and evaluation abilities, in the area of small and large animal care and veterinary skills. Three students per team will be allowed to compete in the contest. Each member of the team will complete the contest individually.

A. Written Test (75 pts.)

Fifty five multiple choice questions worth 1 point per question.

Topics included:

- Anatomy and Physiology • Nutrition • Diseases and Parasites; immunizations, medical procedures
- Breeding and Genetics; litter size, gestation periods • Breeds and Grooming • Housing and Management

B. Breed Identification Each student will complete a breed identification practicum. Students will view slides; pictures to identify breeds. See Curricular Code for possible breeds.

Breeds of the following may be used:

- Canine, Feline, Equine, Bovine, Swine, Ovine, Caprine, Poultry, Rabbits

C. Equipment Practicum Equipment and Materials Identification will be included in the competition. Students will view (tools/equipment) for identification. See Curricular code for equipment list.

D. Parasite Identification Each student will identify parasites for various species. See curricular code list.

E. Laboratory Practicums 2

LOG BUCKING *(Fun Activity Only, Held during Lunch)*

A log and a two-person saw will be provided for this competition. Each team will be timed to determine how long it will take to cut a round off the end of the log.

Team categories will consist of two males, two females, or “Jack & Jill” mixed teams.

The log and saw will be provided by the college. It will be necessary for contestants to provide their own gloves. Leather is recommended to minimize the possibility of hands slipping off the saw handle.

OTHER FUN EVENTS AT LUNCH!

- Dummy roping
- T post driving while texting (2 per team)
- Siphon pipe dunking/starting