

Ag Mechanics/Blueprint Class

Coryell County

Department Rules

All General Rules and Code of Ethics apply to this Department

1. Entries due online between November 2, 2021-November 20, 2021 (Blueprint will be released after entry is paid) Late entries online between November 21,2021 – November 30, 2021. Late entries will double.
2. Entry fee: \$50.00 per project.
3. Entries must be made on an official Ag Mechanics Entry form and signed by the AST/CEA overseeing the project. Exhibitors and projects must be listed on the entry form at the time of entry. Entry must be entered and paid for online through showworks. Once Entry form is signed please email to admin@coryellyouthfair.com.
4. Eligible Entries: Entries must be the work of eligible exhibitors – limited to Coryell County FFA and 4-H members. Please refer to the General Rules Ag Mechanic Rules.
5. Projects: must be constructed by CTE, FFA, and 4-H members. FFA projects must be constructed as a part of their agriculture mechanic instruction in agriculture science or as part of their supervised work experience program. 4-H projects must be constructed under the supervision of their County Extension Agent.
6. Club/Chapter Entries: Group entries must be made in the name of the FFA Chapter or 4-H Club. All group entries must include all the names of the exhibitors who participated in planning and construction of the project.
7. Group: Projects will be constructed by an individual or a group of up to 3 members.
8. Construction Date: Project begin date will be after entry date.
9. Safety: All safety procedures must be adhered to when displaying projects
10. Project completeness: All projects should be complete including finish. Projects are to be clean, free of dust and debris, and in a presentable condition. Any item, necessary for use of the project must be part of it (example: hinges and latches on gates and panels, etc). The project display area (including the floor under and around the project) should be neat. Floor covering will be limited to the area under the project.
11. Welds: No structural welds are to ground without penalty. Grinding is to be limited to welds that should be ground for functional reasons and/or welds that would normally be ground for cosmetic purposes. Examples: top rails on trailers, fender body outside topes, side latches, etc. may be ground, but frames, cross-members, tongues, filler pipe, etc. are not to be ground.
12. Exhibitor Presentation: Exhibitors should be dressed appropriately and be with their project when it is judged. Exhibitors should be courteous and helpful to those viewing their project including the public, show officials, and judges. Exhibitors should not

interfere with or shield those exhibitors next to them. Exhibitors will be allowed cleaning or preparation supplies.

- 13. Exhibitors must be present to present projects. Absence must be approved by committee.
- 14. Signs: All projects are to be identified. Information should include: Exhibitor's Name, Club/Chapter, and Project Description. Additional signs, banners, etc. must meet the approval of the committee members and cannot extend beyond the projects display space.
- 15. Grand Champion and Reserve Grand Champion projects will be eligible for prize money.

16. Project books are MANDATORY

- a. Books should include the following:
 - i. Pictures of students building the project (ALL phases)
 - ii. Material List and cost
 - iii. Equipment used
 - iv. Cut sheet
 - v. MSDS sheets
 - vi. Breakdown of time invested in each process (i.e. welding, grinding, cutting, etc.)

17. Judging System:

- a. Workmanship.....40 points
- b. Students' Knowledge of project.....25 points
- c. Finish.....10 points
- d. Plans, Bill of Materials, Photographs, and if
- e. APPLICABLE, DOT standard for the project.....25 points
- f. TOTAL.....100 points