



PA FFA Agricultural Technology and Mechanical Systems **Virtual** CDE



Chairperson Information

CDE Chairperson	Matthew R. Webreck & John Hines
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Basic **Virtual** CDE/LDE Guidelines

Event Type: Team	3-4 # of Team Members:
<u>Individual Materials List</u> <ul style="list-style-type: none"> Lap top, or other device 	<u>Group Materials List</u> <ul style="list-style-type: none">
<u>Pre-Event CDE Expectations</u> <ul style="list-style-type: none"> Successful completion of Agricultural Mechanics classes Demonstrate safe practices in the shop Training in all areas of Ag Mechanics 	

Virtual CDE/LDE Rules

CDE Component	Points	Component Description	Virtual Platform
Written examination	50	50 question multiple choice exam	Google Forms timed test. The team does not have to together to compete
Individual activities	150	3 activities at 50 points each	Google Forms timed test activity no hand on project. The team does not have to together to compete

Causes for Disqualification:

Violation of FFA Code of Conduct

Disregard for Safety

Not having a team of 3 or 4 members

Any other reason determined appropriate by the committee

Tie-breaker: If a tie exists between individuals, the combined highest problem solving/skill scores will break the tie(s). If still tied, the highest written examination score will be used to break the tie.

Resources

This list of references is not intended to be all-inclusive. Other sources may be utilized, and teachers are encouraged to make use of the very best instructional materials available. The following list contains references that may prove helpful during event preparation.

Agricultural Mechanics Fundamentals and Applications. Delmar and Thompson

Introduction to Agricultural Engineering - A Problem Solving Approach by Roth and Field

National FFA CDE website at ffa.org for Agricultural Technology & Mechanical Systems

Team Preparation for Pennsylvania

Information available from National FFA (ffa.org with advisor login)

-Past National Exams & Keys (ffa.org with advisor login)

-Past National Activities & Keys (ffa.org with advisor login)

-Event-Related Competencies – Agricultural Technology and Mechanical Systems Handbook (ffa.org with advisor login)