**PA FFA Veterinary Science**

**Career Development Event**

***Chairperson Information***

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| **CDE Chairperson** | Melanie Berndtson |
| **Email** | mberndtson@wellsborosd.org |
| **Best Contact Number** | 570-724-3547 |
| **Contest Date/Times** | Tuesday 1:00 pm – 4:00 pm; Wednesday 8:00 am – 1:00 pm |
| **Contest Location** | TBA |
| **Event Review** | ID review – 3:00 pm Tuesday |
| **CDE Review Location** | TBA |

***Basic CDE Guidelines***

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| **Event Type:** Individual/Team | **# of Team Members:** 4 members |
| Individual Materials List* Pencil
* Clipboard if desired
* Basic Calculator
* Members do NOT need to bring materials for the practicums
 | Group Materials List* None
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| Attire* Tuesday: Proper official dress (skirt optional)
* Wednesday: Scrubs – top and bottom, or polo and slacks. Closed toe and heel, flat shoes (no clogs, sandals, or flip-flops), no jewelry including bracelets, earrings, rings, or exposed body piercings; wristwatches permitted. \*Students will lose 50 points off their final score for each day they are inappropriately dressed.
 | CDE At-A-Glance (List of major components)* Individual Activities:
	+ Written Exam
	+ Breed ID
	+ Parasite ID
	+ Equipment ID
	+ Math Problems
	+ Current Events Question
	+ 3 practicums - 1 clinical, 1 handling, and 1 wildcard
* Team Activity
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| Pre-State CDE Expectations* Teams will review the team activity topic ahead of time, but will prepare the team presentation at the contest.
* It is expected that students will have reviewed the practicums before coming to the event. Students will get a maximum of 5 minutes to complete the practicum. No instruction will be given.
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| CDE Changes from Previous Years?* 2017: Team activity is no longer prepared ahead of time
* Practicums will be announced by May 1st
* Multiple rooms of judges will be utilized for each judged component to improve the efficiency of the contest.
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***CDE Rules***

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| **CDE Component** | **Points** | **Component Description** |
| Written Exam/Individual | 100 points | 50 multiple choice questions/ 2 points per question – PA FFA question bank/previous national exams (30 minutes) |
| Equipment ID/Individual | 50 points | 25 pieces of equipment/ 2 points per piece – National FFA ID list (20 minutes) |
| Breed ID/Individual | 100 points | 50 breeds/ 2 points per breed – National FFA ID list (30 minutes) |
| Parasite ID/Individual | 30 points | 15 parasites/ 2 points per parasite – National FFA ID list (20 minutes) |
| Math Problems/Individual | 100 points | Five scenarios will be given with multiple-choice answer. Multiple types of math will be utilized including dosage, dilutions, costs, invoicing, and conversions. (30 minutes) |
| Handling and Restraint Practicum/Individual | 30 points | Graded using rubric on National FFA CDE page; 30 points. 15 points for completing the practicum according to the rubric and 15 points for describing the process as the student is completing it. (5 minutes) |
| Clinical Procedures Practicum/Individual | 50 points | 2016: Surgical Prep; graded using rubric on National FFA CDE page; 50 points. 25 points for completing the practicum according to the rubric and 25 points for describing the process as the student is completing it. (5 minutes) |
| Third Practicum/Individual | 30 or 50 points | Graded using rubric on National FFA CDE page; 30/50 points. (5 minutes) |
| Current Events Question/Individual | 100 points  | One written scenario question will be given in which students have to respond to the question. Scenario is graded with rubric on National FFA CDE page; 100 points (30 minutes) |
| Team Activity/Team | 500 points  | Graded using rubric on National FFA CDE page; 500 points. Students have 15 minutes to prepare a presentation and 10 minutes to present. They will be judged both on their teamwork during preparation(200 pts), and the presentation(300 pts). A general topic will be posted on the National FFA Website in November. 2017 Topic: Veterinary Feed Directive and Antimicrobial Use in Food Animals. All team members must participate. |
| **Causes for Disqualification:** Cheating; breaking the PAFFA code of conduct rules; student caught with an electronic device during the contest |
| **Tie-breaker:** Team tiebreakers in order: 1) Combined individual practicum total score 2) Combined individual written exam total examIndividual tiebreakers in order: 1) Combined practicum score 2) Written exam score |

***Resources***

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| 2010 Vet Skills Question Bank Master - <http://www.paffa.org/page.aspx?ID=409>National FFA Veterinary Science CDE Handbook - <https://www.ffa.org/SiteCollectionDocuments/cde_2017_2021_veterinary_science.pdf>Math Practicum:\*Old Cornell Veterinary Science Curriculum “Posology” Chapter (Found on NAAE Communities of Practice)\*Medical Mathematics and Dosage Calculations for Veterinary Professionals - Bill Robert\*Essential Calculations for Veterinary Nurses and Technicians - Terry Lake and Nicola Green |