

Clark State Precision Technologies: Integrating Agriculture & Geo-Sciences Summer 2019 Educator Workshop Survey

Thank you for your help. Your responses to the following survey will help us improve the program for future educators and students and is for Clark State and National Science Foundation evaluation purposes only. Data will be reported in aggregate, not as individual responses.

1. How well did this workshop meet your objectives for attending?

- ☐ Extremely well
- ☐ Very well
- ☐ Moderately well
- ☐ Slightly well
- ☐ Not at all well

2. Please indicate your knowledge prior to the workshop in the following areas

	No knowledge of subject matter.	Basic understanding of the subject material.	Good understanding of the subject material.	Complete and thorough understanding of the subject material.
I could define Precision Agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the potential benefits of precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the concept of spatial variability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the technologies on the market today that are associated with precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the difference between various GPS correction sources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the potential benefits of yield maps.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew the various methods of measuring crop yield.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew the general soil factors affecting crop yield.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew the primary methods and procedures of soil sampling and analysis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood the basic principles of remote sensing and UAV's as applied to agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood how to use precision agriculture software to create yield and soil sampling maps.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood how to use soil sampling information to create variable rate fertility recommendations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew the precision agriculture educational opportunities available to students at Clark State.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew the careers available in precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I knew how UAVs are used in Precision Agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understood how I could carry-out a UAV activity in my teaching.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Please indicate your knowledge after completion of the workshop in the following areas

	No knowledge of subject matter.	Basic understanding of the subject material.	Good understanding of the subject material.	Complete and thorough understanding of the subject material.
I can define Precision Agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the potential benefits of precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the concept of spatial variability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the technologies on the market today that are associated with precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the difference between various GPS correction sources.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the potential benefits of yield maps.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the various methods of measuring crop yield.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the general soil factors affecting crop yield.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the primary methods and procedures of soil sampling and analysis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the basic principles of remote sensing and UAV's as applied to agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand how to use precision agriculture software to create yield and soil sampling maps.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand how to use soil sampling information to create variable rate fertility recommendations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the precision agriculture educational opportunities available to students at Clark State.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the careers available in precision agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how UAVs are used in Precision Agriculture.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand how I can carry-out a UAV activity in my teaching.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. I found the workshop content to be too difficult for my students.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. The workshop content will impact student learning in my classes in a positive way.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. I would recommend this workshop to other teachers who teach similar courses.

Strongly Disagree

Disagree

Neutral

Agree

Strongly Agree

☐☐☐☐☐

7. What were the most valuable aspects of the workshop?

8. What suggestions do you have to improve the workshop?

9. Other comments or suggestions for additional workshop topics:

10. I will pursue the opportunity to teach AGR1750 Precision Agriculture via the College Credit Plus program to students at my school for transcribed credit with Clark State.

Strongly Disagree

Disagree

Neutral

Agree

Strongly Agree

☐☐☐☐☐

11. I do not plan to teach AGR1750 Precision Agriculture but I do plan to incorporate parts of the content into an existing class.

Strongly Disagree

Disagree

Neutral

Agree

Strongly Agree

☐☐☐☐☐

12. If you are using or plan to use the workshop content, please list the course title(s) this content will be used in, including grade level.

13. How many instructional hours (or fractions of an hour) will be devoted to the use of the content?

14. Please list student gender breakdown for the classes where the workshop content will be used:

Number of Females

Number of Males

15. Please estimate student racial breakdown for the classes where the workshop content will be used:

Number of American

Indian or Alaska Native
students

Number of Asian students

Number of Black or African
American students

Number of Native
Hawaiian or Other Pacific
Islander students

Number of White students

Thank You for your help!