



USDA-NIFA Grant funded ONE DAY

AGRICULTURE SOIL CHEMISTRY WORKSHOP II



for

TEN (10) HIGH SCHOOL AGRICULTURE & SCIENCE TEACHERS

Date: December 3, 2018

Time: 8:30am – 4:30pm

Venue: CSU Bio AG and Sustainable Garden, CSU Stanislaus, Turlock, CA 95382.

Registration Required: Available online at <https://commerce.cashnet.com/SoilWorkshopII> before **5pm, Friday November 30, 2018** or upon receipt of 10 applications.

Fee: \$40 (Covers registration, light breakfast, lunch and workshop materials)

4 Main Modules Covered:

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| <ul style="list-style-type: none"> ➤ Module 1: Soil Color <ul style="list-style-type: none"> ○ Mini-Lecture ○ Lab Protocol ➤ Module 2: Electrical Conductivity and Temperature <ul style="list-style-type: none"> ○ Mini-Lecture ○ Lab Protocol | <ul style="list-style-type: none"> ➤ Module 3: Acidity and Alkalinity (pH) <ul style="list-style-type: none"> ○ Mini-Lecture ○ Lab Protocol ➤ Module 4: Soil Major Nutrients (NPK) <ul style="list-style-type: none"> ○ Mini-Lecture ○ Lab Protocol |
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Participants will:

- Complete hands-on lab modules designed to investigate different soil properties
- Determine soil color for different soil samples
- Use portable soil probes for soil testing and analysis
- Utilize scientific protocols for soil sampling and analysis
- Explore Integrating Instructional modules into High School Agriculture/science curriculum
- **Earn .5 Contract Extension Unit (CEU)**

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USDA – NIFA Non-Land Grant Colleges of Agriculture (NLGCA) Award #2015-70001-23440