



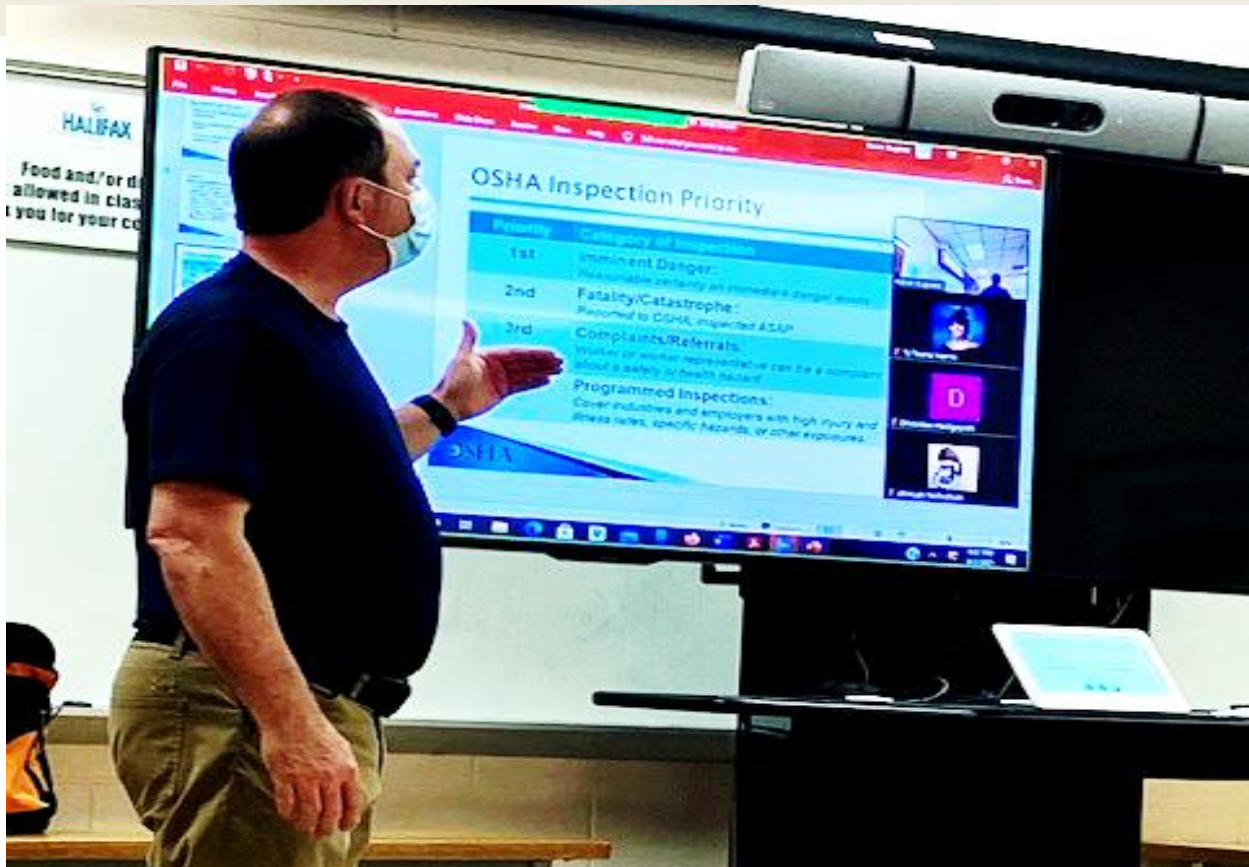
Halifax County Schools



## WEEK TWO: OSHA

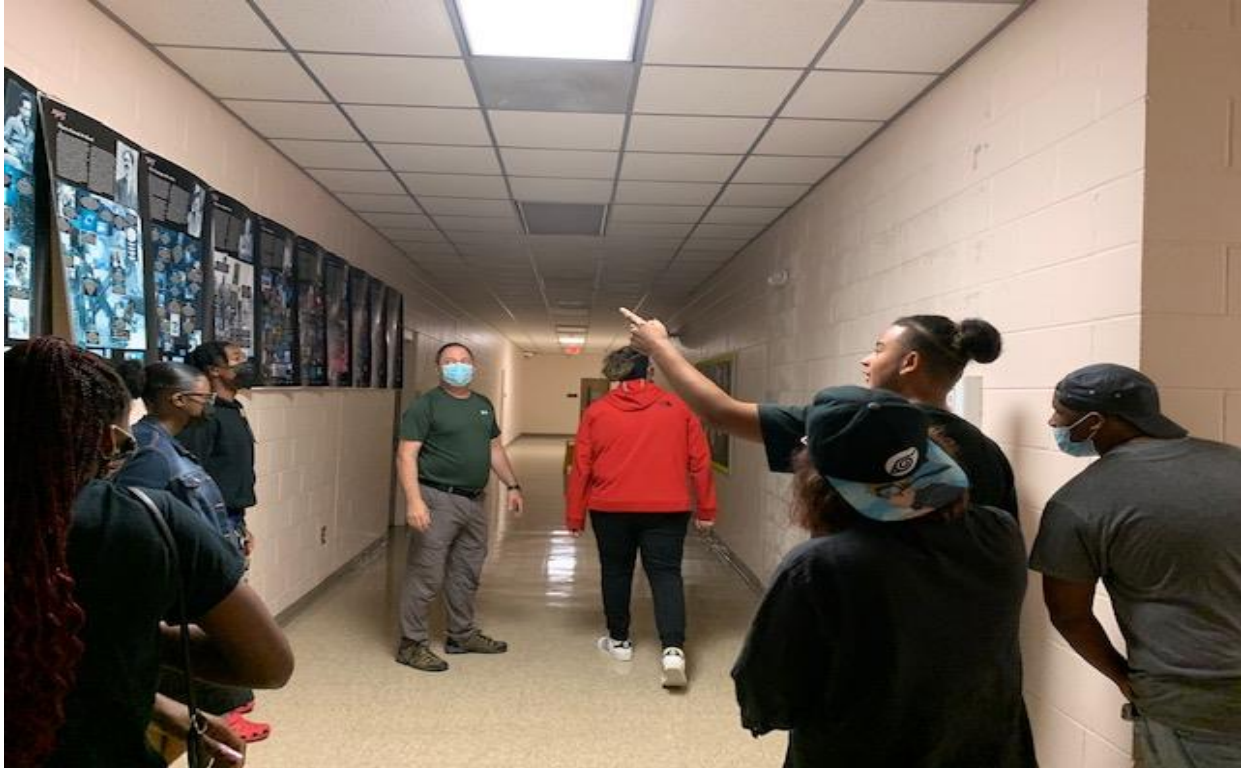
### INSTRUCTOR KEVIN KUPIETZ CERTIFIES 20 HALIFAX COUNTY SCHOOLS LIGHTHOUSE SOLAR ENERGY CAMP SCHOLARS

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION



Instructor Kevin Kupietz provides the Lighthouse Solar Camp scholars with an overview of the OSHA Inspection Priority categories in preparation for receiving their OSHA cards.

# LIGHTHOUSE SOLAR ENERGY CAMP

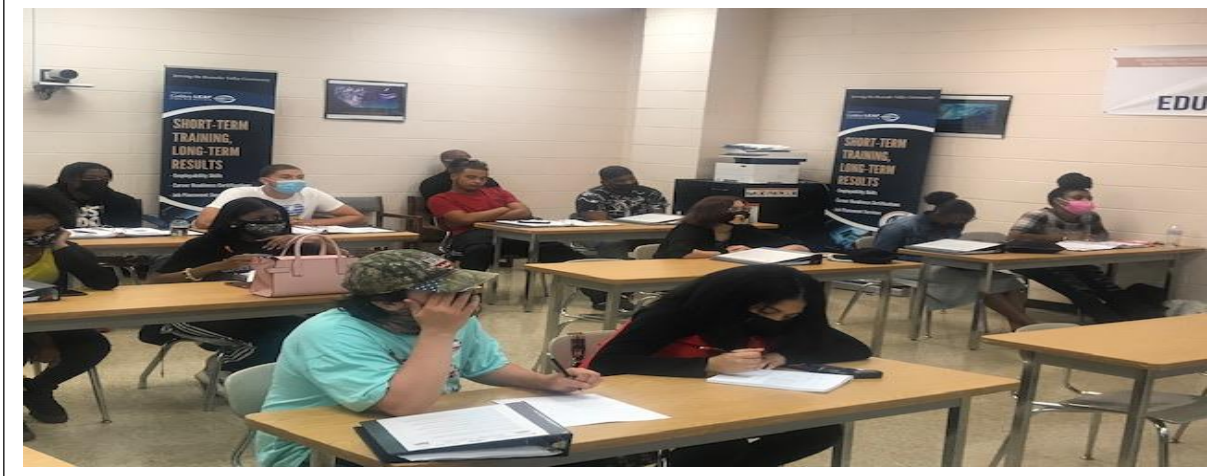


**LIGHTHOUSE SOLAR CAMP SCHOLARS** learn about the  
**Three E's: Education, Enforcement, and Engineering**

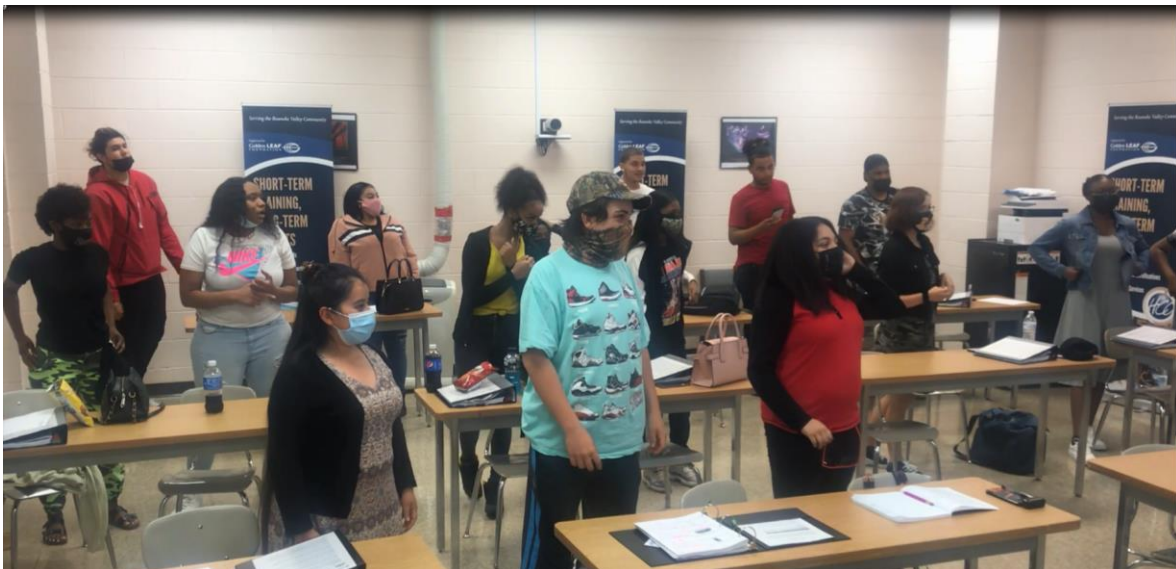


**Earn While You Learn** --- Halifax County Schools, North Carolina State Energy Office and NC A&T State University collaborate with Halifax Community College, the Governor's Office and the Center for Energy Education to present the next wave of OSHA certified scholars.

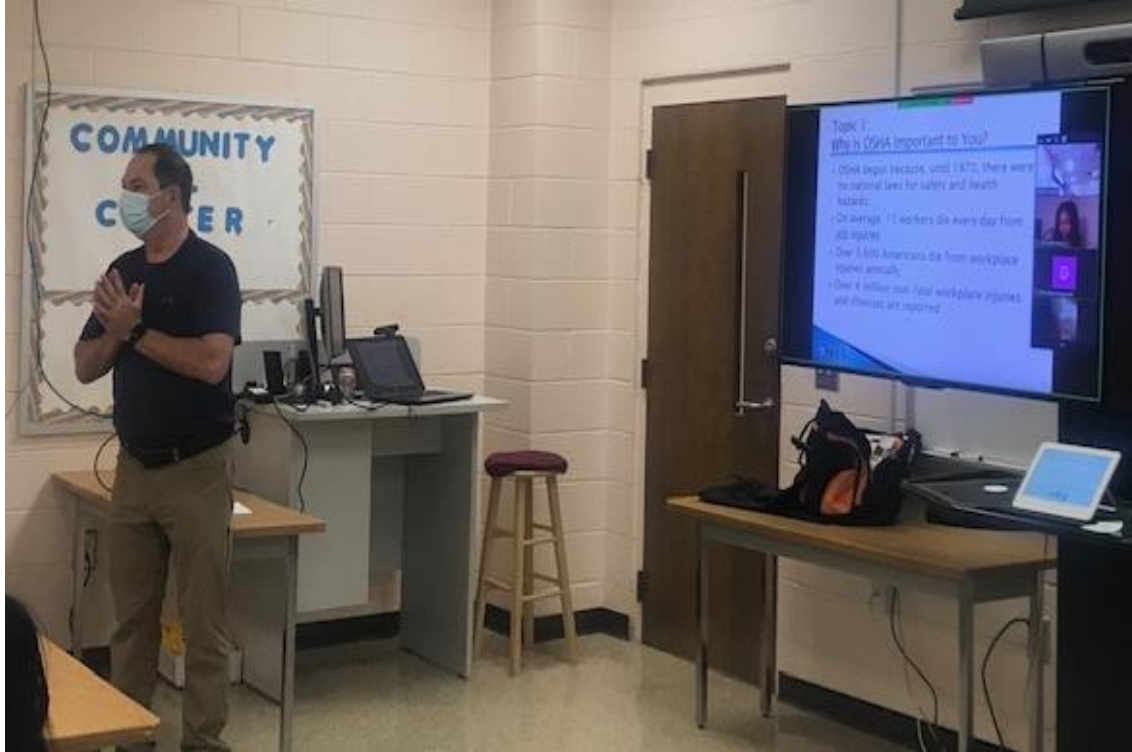
# LIGHTHOUSE SOLAR ENERGY CAMP



The **General Industry for Construction OSHA-10** course provided scholars with entry level information about worker’s rights, employer’s responsibilities, and how to file a complaint. Scholars learned how to identify, abate, avoid and prevent job related hazards in an industry setting. This course covered a variety of industry safety and health hazards which a worker may face while working in a factory setting. Students learned about hazard identification, avoidance, control and prevention, and applicable OSHA standards. As part of the hands-on activity, students toured the campus of Halifax Community College and used the 29 Code of Federal Regulations to identify standards applicable to industries today.



## Meet the Instructor – Week Two



**Mr. Kevin Kupietz**  
OSHA Instructor

The Occupational Safety and Health Administration is a large regulatory agency of the United States Department of Labor that have federal powers to inspect and examine workplaces.

The mission of OSHA is to develop job safety, health standards, and enforce safety expectations through work inspections. OSHA provides training programs to increase knowledge about occupational health and safety.

**Did You Know?** The number one workplace injury comes from improper lifting.

## A Special Thanks to Our Sponsors!!!





## TESTIMONIES – WEEK TWO

*“I learned a lot about OSHA and that the acronym stands for Occupational Safety and Health Administration. Our class discussed how we can make the work environment safer for everyone. We learned about risks and hazards and the difference between them. A risk is the probability of it happening and a hazard is something that may happen.” - Penelope O’Neal*

*“When the classes started, I was nervous, but excited. It is really awesome to participate and learn about things I hadn't thought of before with other peers. This camp is mind-blowing but I am elated to be on this journey!” – Maria Castanon*



*“Each day I am learning more and more about teamwork, the workplace, safety, solar, and networking. This camp is providing such a rewarding experience for us and we are learning a lot of hands-on information about solar energy and workplace safety. I am learning more details about the three E’s of safety: Educate, Enforcement and Engineer. As a part of safety, I learned that the person who is at risk for injury must be aware of the hazards that exist and the things that can be done to control the hazard to prevent injury.”*

*- Zaniya Battle*

# LIGHTHOUSE SOLAR ENERGY CAMP



## NORTH CAROLINA

### SOLAR JOBS CENSUS 2019

There are **249,983** Americans working in solar as of 2019, according to The Solar Foundation's latest *National Solar Jobs Census*. Visit [SolarStates.org](http://SolarStates.org) for details on solar jobs in all 50 states, the District of Columbia, and Puerto Rico.

North Carolina lost solar jobs in 2019, but the state has an abundant solar resource and enormous potential for growth if supportive policies are in place.



# LIGHTHOUSE SOLAR ENERGY CAMP



*“We [The Lighthouse Solar Energy Campers] learned about temperature and the solar panels. High temperature on the solar panel gives the panels low volts and cold temperature on the solar panel causes the voltage to increase. The panels work best in the cold if the sunlight is up high enough in the sky and have a direct point on the panel. The way the panels work has a lot to do with the current...the more shade, the less current and the less shade, the more current.”*

- Ahniyah Nicholson

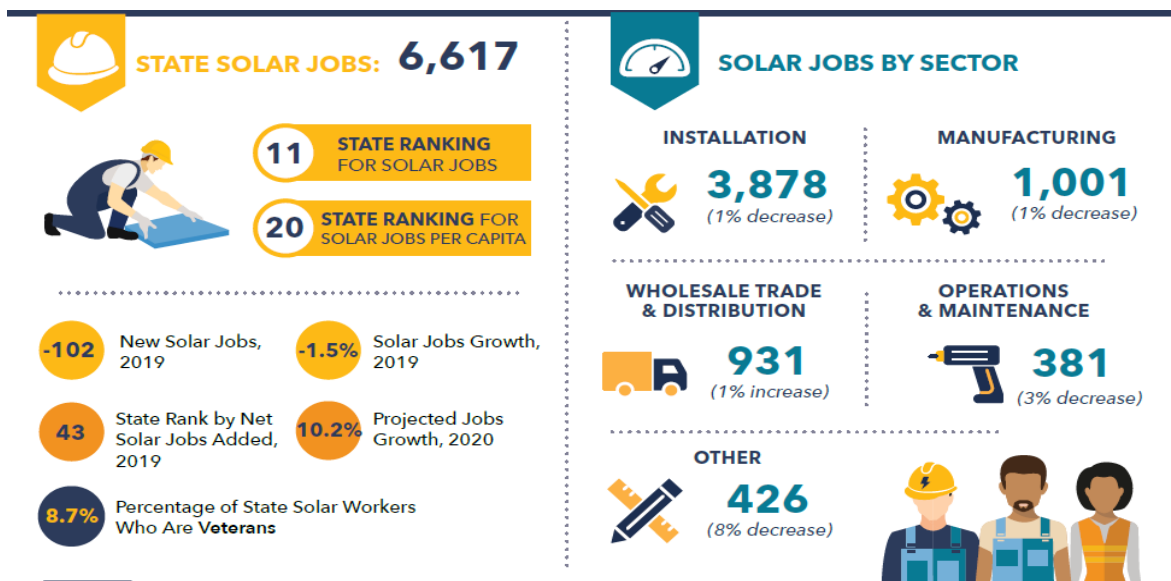


# LIGHTHOUSE SOLAR ENERGY CAMP



A multimeter is a measuring instrument that can measure multiple electrical properties. The Lighthouse Solar Energy Campers are measuring voltage, resistance, and current, in which case, it is also known as a volt-ohm-milliammeter (VOM). Analog multimeters use a microammeter with a moving pointer to display readings.

- Lighthouse Solar Energy Campers



Source: [The Solar Foundation 2019](https://www.solarfoundation.org/)