

**Electrical Technology High School Teacher Winter Workshop (ETECH21)**

### In Electronics and Internet of Things (IoT)

# **Hybrid training**

Suffolk County Community College is pleased to offer you the opportunity to participate in **ETECH21**, the professional development component of our Electrical Technology and Engineering training project, funded by the National Science Foundation (NSF).

**ETECH21**

* **Who**: Nine (6) high school science, math and/or technology teachers to participate in hands-on training and curriculum development.
* **What**: Training- that will provide support for curriculum development, kits to deliver the curriculum in your classes, and mentoring/ support to deliver curriculum throughout the year. Training will be a combination of in-person and zoom. The in-person will be Dec 2nd and January 6th from 9am-2pm. The ZOOM will be Sat 9,16 & 30 remotely 9am -12 . All attendees must attend the in person and ZOOM sessions.
* **Stipend**: $800 for completing hybrid training and $550 when implemented in classroom. (**Educator must attend all sessions** )
* **Where**: Suffolk County Community College’s Ammerman Campus in Selden, Riverhead Building room R-33.
* **How**: Complete the attached registration form and email it to Professor Peter Maritato at maritap@sunysuffolk.edu by Nov 22, 2023. Additional registration forms are available at www.etech21.org .

 www.etech21.org



## ETECH21 Mentor Application Form

Application deadline: Nov 22, 2023

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

School District/School \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Day phone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Email address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course(s) you teach \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please discuss the potential value of the ETECH21 workshop to you and the impact on your growth as an educator. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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Please list the class(es) in which you plan to integrate “ETECH21” during the spring 2024 academic year. You will be provided projects/labs, please describe how/where you envision incorporating the projects/labs and how you could evaluate student success.
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Why are you interested in being a ETECH21 educator upon return to your school district? What unique strengths and experiences make you an ideal candidate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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Not required but what if any technology or software programing are you familiar with? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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**What is ETECH21?**

**ETECH21**is a unique opportunity to gain experience and knowledge in the areas of technology related to electronics and IoT (Internet of Things) devices. Following this professional development experience, you will be able to provide your students with activities related to these important STEM fields, which by extension will encourage them to explore technical careers and Engineering. In an effort to provide 9th-12th grade students with an understanding of the connectivity and operation of electronics / IoT this workshop will provide you with the curriculum /training/ materials needed to introduce your students to these subjects. You will be provided with kits and materials that support these areas. Over the four days you will be trained in the use of these kits / materials and work as a group/ individually to develop the curriculum to be delivered in your classroom.

Workshop dates are a hybrid form with two in-person Dec 2 2023 and January 6 2024 The in-person workshop will run from 9 AM to 2 PM on Dec 2nd and Jan 6th with three zoom meetings on Saturday Dec. 9th, 16th and 30th from 9 -12. A stipend of $800 for participating and completing the workshops and an additional $550 when the training material is implemented at your school. The workshop will be limited to a total of 6 participants and will be on a first-come first-serve basis. Participants **must attend each of the training sessions for the entire training period to receive the stipend and additional lab kits**. No prior knowledge is required.

**What you leave with in the ETECH21 training:** You will have a network of mentors on call. We will also be available to visit your school and work with you on your delivery of the topics. You will leave the workshop with prepared lesson planned material to deliver experiences in your classroom, kits for your students as well.

**Space is limited so apply early!**