



# CYBER TO SCHOOLS

Cyber to Schools is an initiative led by California Cyber Security (CCI) that prepares K-12 students for careers in the digital revolution through training and free industry-recognized certification programs with an emphasis on inclusivity and hands-on learning.

## Why California Cybersecurity Institute at Cal Poly?

The CCI brings world class trainings sought after by industry taught by the powerhouse of talent housed within the parent university, Cal Poly. CCI is an exemplar of the Cal Poly ethos of “Learn by Doing.”

Trainings are provided by a mix of Cal Poly faculty, staff, and students.

## 2021 SUCCESSES

### Training

In 2021, CCI ran a summer school program and three pilot programs around digital literacy trainings. Over 700 students were trained by 3 instructors on the following topics:

- Digital Literacy
- Splunk Fundamentals 1
- Splunk Fundamentals 2

### Impact

Each community engagement leveraged a specifically tailored public private partnership. That included:

- Assisting with placing trained students directly into internship programs
- Designing programs around State accreditation, including to apprentice/pre-apprentice program
- Adaptive teaching environments, including around summer breaks
- Building internship pipelines with private partners, timed around summer breaks, as well as after graduation programs

### Regions Served by 2021 Pilot Programs

- San Luis Obispo County
- Greater Kansas City
- Cherokee Nation

And we are just getting started. More on back on how to expand this program to your community!



**CAL POLY**  
California Cybersecurity  
Institute

# 2022 GOAL: SCALABILITY

For 2022 through 2025, CCI is seeking to scale this program to be able to further train and create new pathways to tech throughout the United States.

- Leverage and put to use the Private/Public/Academic Partnership,
- Accelerate our program offerings in established regions; expand offerings in new regions,
- Expand trainings to 5,000 students,
- Provide career/internship resources,
- Laying out new pathways into tech

## Franchise Model

The Cyber to Schools initiative is a **franchise** model. Cyber to Schools quality control and ‘Learn by Doing’ ethos will be maintained by Cal Poly and CCI staff, while private partnerships will help stand up programs in local communities.

To ensure success, each community will need the following (in order of priority):

**Full Community Franchise Cost: \$500K-\$600K\***

### Regional Educator

The Regional Educator serves as a local point of contact for educators, administration, school districts, media, and students. This position runs summer training camps and coordinates applications for state accreditation, grant applications, and the development of a permanent presence in each community.

### Regional Community Relations Coordinator

The Regional Community Relations Coordinator works with local institutions to ensure that all stakeholders uphold commitments, pledges, donations, mentorships, and internships. This role involves working with community stakeholders to build the employment pipeline for the emerging workforce and provide students with opportunities in tech.

### Local College Part Time Student Employees (x10 individuals)

College students help mentor and train middle and high school students through the Cyber to Schools initiative that prepares them for digital careers. Local college students can work up to 20 hours per week during the academic year.

*\*This cost is inclusive of administration costs that help maintain program quality and provide administrative support at Cal Poly.*



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Contact Martin Minnich, CCI Program Manager, for more information: [mminnich@calpoly.edu](mailto:mminnich@calpoly.edu)

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