



# PISCES

## Public Infrastructure Security Cyber Education System (PISCES)

### PISCES Partnerships

Today, cybersecurity issues represent one of the fastest growing threats to businesses, communities, and government. Public Infrastructure Security Cyber Education System (**PISCES**) is partnering with community partners and academic institutions to develop the future qualified workforce of cybersecurity professionals who will help respond to this urgent need – while providing a no-cost security monitoring opportunity to communities who have limited resources to effectively monitor cybersecurity issues.

### Secure and Transparent Process

The **PISCES** program is built on the understanding that all partners recognize the process for this program and have clarity on the way information is used and monitored. Here are the key details for partner organizations to understand and follow when joining **PISCES**.



PARTICIPATING  
EDUCATIONAL  
INSTITUTIONS



PARTICIPATING  
COMMUNITIES



STUDENTS  
ENROLLED  
PER QUARTER



STUDENTS  
COMPLETED  
THE PROGRAM

## Community Partners

Every community partner is required to follow three simple steps to begin participating in the program. This is important to ensure that you are familiar with the benefits, responsibilities, and outcomes you can expect.

**Step 1:** Fill out an interest form and attend an information session to learn about **PISCES**.

**Step 2:** Review and sign the statement of service which addresses understandings, expectations, and privacy protections.

**Step 3:** Complete the network provisioning and escalation sheet.

### When these steps have been completed, here's what will happen next:

- You will receive a data collection device at no cost, configured and send out by **PISCES**, that you will install behind your firewall. The installation process should take approximately 15 minutes.
- When **PISCES** validates the device, it will be activated on your network. This device has an embedded intrusion detection system that creates security alerts and traffic metadata.
- Data monitoring begins in collaboration with our academic partners. For significant threats that are detected, **PISCES** will notify you with as much information as possible to address the situation.

For more information on the infrastructure requirements, process, data collection, monitoring, and reporting, please visit our **Community Partner FAQ section on our website**.

## Academic Partners

Every academic partner is required to follow three simple steps to begin participating in the program. This is important to ensure your institution and students are set up for success as you develop the next generation of cybersecurity professionals.

**Step 1:** Fill out an interest form and attend an information session to learn about **PISCES**.

**Step 2:** Review and sign the statement of service and agreements which include technology hosting agreements, data sharing agreements, and curriculum agreements.

**Step 3:** Add the course as an option to the academic schedule with a qualified faculty member to teach the course.

### When these steps have been completed, here's what will happen next:

- You will receive a no-cost standard curriculum framework. While **PISCES** relies on the institution to specifically address any prerequisites, **PISCES** does require students to have a familiarity with basic computer programming skills.
- Students will be required to sign a non-disclosure agreement.
- Students will be trained to detect anomalies in header data, upon detecting something anomalous they will verify whether it is a credible threat. If it does represent a credible threat, they report it to the professor, who will review and make a determination on whether to escalate the situation based on the communication escalation tree developed with **PISCES**.

For more information related to Academic Partners, please visit our **FAQ page on the website**.



### Looking For More Details?

For further details about **PISCES**, please review our program flyer and our FAQ resource for community partners.



### Ready to Partner?

If you are interested in participating in **PISCES**, please contact:

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