CyberMiSTS

Curriculum to Broaden Participation in Cybersecurity for Middle School Teachers and Students

With increasing adoption of automation and AI, the **need for more cybersecurity professionals** is increasingly important.

Increasing awareness and interest in cybersecurity careers requires providing all students meaningful exposure to **cybersecurity concepts and careers** during middle school.

Teachers need **interactive, turnkey curriculum** – that doesn't require a computer lab but does include assessments with answer keys.

Educators will be expected to **use the curriculum** in their own classroom during the 2020/21 school year and **provide data and feedback** back to the CyberMiSTS team.

Educators must be able to attend all 10 days of workshop.

Preference given to **middle school** or CTE teachers in Suffolk County (NY) schools.

Just 34% of young adults were approached by teachers about cybersecurity careers. . .

. . . But 47% said they would be more interested if they had more information about cybersecurity jobs.*

CyberMISTS gives teachers the ability to introduce all students to cybersecurity – not just those good at math & science.

The goal is to create a larger cybersecurity workforce with more diverse thinkers…

And the ability to create innovative, new solutions that protect privacy and security.

*"Securing our Future: Closing the Cybersecurity Talent Gap," Raytheon Company, 2016.

In the CyberMiSTS workshop, educators will learn about **web security, privacy and data protection,** as well **cybersecurity careers.**

Educators will create a curriculum for their classroom, focused on **key concepts and big questions** with hands on activities like branching webcomics.

No prior cybersecurity or coding experience, or classroom computer lab is required of educators or students.

Join us at the next CyberMiSTS workshop in **July 2020** at **Stony Brook University.**

A **stipend and CTLE hours** available to participants who complete the workshop.

The workshop is limited to 20 participants.

Learn more and apply at https://stonybrook.edu/cybermists

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