

PARTICIPATION ADVANTAGES

Offered at no cost!

An Electronic Kit for each participant!

Hands-on, engaging content

Instruction and mentorship from IUP faculty and other experts!

Skills and knowledge for a growing career field!

HOW TO APPLY

Applications are accepted online only. To apply or view other important program information, please visit:

www.iup.edu/iupgencyber

PROGRAM DATES

Online Camp (via Zoom),
June 13 - 17, 2022 Daily
schedule from
9 AM - 3:30PM

PROGRAM DIRECTOR

Dr. Waleed Farag
Director, Institute for Cybersecurity

Summer 2022 GENCYBER Student Camp

Presented by:
IUP & NSA

IUP GENCYBER

GenCyber is a national initiative that is supported by the National Science Foundation and the National Security Agency. This program has the following goals:

Ignite, sustain, and increase awareness of K12 cybersecurity content and cybersecurity postsecondary and career opportunities for participants through year-round engagement

Increase student diversity in cybersecurity college and career readiness pathways at the K-12 level

Facilitate teacher readiness within a teacher learning community to learn, develop, and deliver cybersecurity content for the K-12 classroom in collaboration with other nationwide initiatives

THE FUNDED GRANT

Under the leadership of Dr. Waleed Farag, grant PI, IUP, along with a selected group of national universities, has again been awarded funding for seven year in a row to run the GenCyber program in 2022.

This year, the camp is open to middle and high school students. The prospective camp will address essential security concepts in an interesting, novel approach to foster interest in cybersecurity among middle and high school students in Pennsylvania.

PROGRAM SUMMARY

This project is a free, five-weekday camp in summer 2022, two online pre-camp activity days, and an online post camp activity day. Instruction will be delivered by a team of professors with numerous backgrounds but established expertise in cybersecurity teaching and research.

The student camp will provide a uniformly distributed, engaging blend of delivery that includes direct instruction, group activities, structured discovery, and hands-on, laboratory, and informal instructional techniques to both individual and combined cohorts.

