



The **Cybersecurity Center at Cypress College** has been designated as an NSA/DHS Center of Academic Excellence for 2-year college (CAE2Y) since 2018. Our mission is to advance cybersecurity education by providing curriculum, resources, support, and collaboration to develop and implement effective pathways to grow the cybersecurity profession. We offer cybersecurity and cyber defense certificate programs and an Associate of Science in Cyber Defense. After completion of our program, students are prepared to obtain industry-recognized certificates.

Our Center is involved in the Pathway to Advancement of Cybersecurity Education (PACE) program funded by Small Workforce Program (SWP) and National Science Foundation (NSF). PACE's goal is to develop and implement pathways from middle school through 4-year college degree

programs while creating multiple opportunities for employment exit points. Specific goals include:

- Embed cybersecurity content in middle school (MS)/ high school (HS) curricula
- Provide outreach to generate interest in cybersecurity
- Offer cybersecurity dual-enrollment courses to MS/HS students
- Provide articulation and alignment with 4-year institutions
- Recommend best practices and disseminate PACE results

As a result of our efforts, during the 2018-2019 academic year 306 MS/HS students completed our cybersecurity courses, 127 MS/HS students obtained CompTIA and/or Cisco industry certificates, and 37 MS/HS students completed one of our college cybersecurity certificate programs (12 to 24 units). Additionally, 1770 MS/HS students participated in our CyberPatriot training/Competition events. CyberPatriot is our outreach program where our college student mentors provide weekly after-school training at six different middle and high schools in the community.

DESIGNATIONS

- CAE – Cyber Defense 2-Year Education

CONTACT INFORMATION

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Dr. Izadi Working with cybersecurity students.