

Department initiatives in Cybersecurity and Data Science tracks



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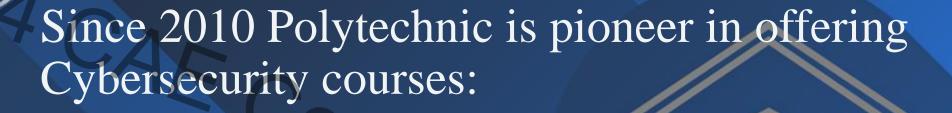


Polytechnic is a Center of Academic Excellence (CAE) since 2009.

• We have renewed three times since then.

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- Ethical Hacking
- Reverse Engineering
- Network Security
- Computer Forensics
- AI, Machine, Data Engineering, and Deep Learning

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- NSF SfS or Scholarship for Service.
- DOD Cysp Sholarship for students.
- NSA grants for our graduate students in Cybersecurity, Information Assurance, and more.
- NCAE-C for activities for HS students, teachers, faculty, first responders, military personnel, among other.

3/10/2024

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- A PhD scholarship for of our students NCAE-C.
- Collaboration with other CAE institutions in projects given from NCAE
- PUPR has been awarded a grant from the Puerto Rico Department of Economic Development and Commerce (DDEC in Spanish).



For Computer Science and Computer Engineering, we applied for NSA program of studies

designation.

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Recent milestones:

- In 2021 Polytechnic was ABET accredited in CS.
- In 2022 Polytechnic was granted the Bachelor in Computer Science 100% online.
- In 2023 Polytechnic was granted the Bachelor in Computer Engineering 100% online.
- In 2024 Polytechnic is expected to have approved the Bachelor in Electrical Engineering 100% online.





For Computer Science, Computer Engineering and Electrical Engineering, several Undergraduate Certifications will be ready to instruct in 2024:

• Cybersecurity Fundamentals in Network Security, Forensics, Reverse Engineering & Ethical Hacking (18) credits).

• Data Science Fundamentals in Machine Learning, Data Engineering & Deep Learning (18 credits).

• Undergraduate Certificate in Cybersecurity, UCECySec

(15 credits).

• Undergraduate Certificate of Web Development Design, UCWDD (15 credits).





The End!!

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