

NICE

NATIONAL INITIATIVE FOR **CYBERSECURITY** EDUCATION



Formal Education Overview

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Broaden the pool of skilled workers capable of supporting a cyber-secure nation. (co-leads: NSF and DoED)

- 2.1. Improve K-12 Science, Technology, Engineering, and Mathematics (STEM) education emphasizing the important role of mathematics and computational thinking.
- 2.2. Increase the quantity and quality of academic computer science courses in high schools.

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- 2.3. Increase the quantity and quality of undergraduate and graduate cybersecurity curricula for students in computer science and, more broadly, IT and security-related degree programs.
- 2.4. Incentivize, support, and recognize excellence in graduate-level cybersecurity research and development.