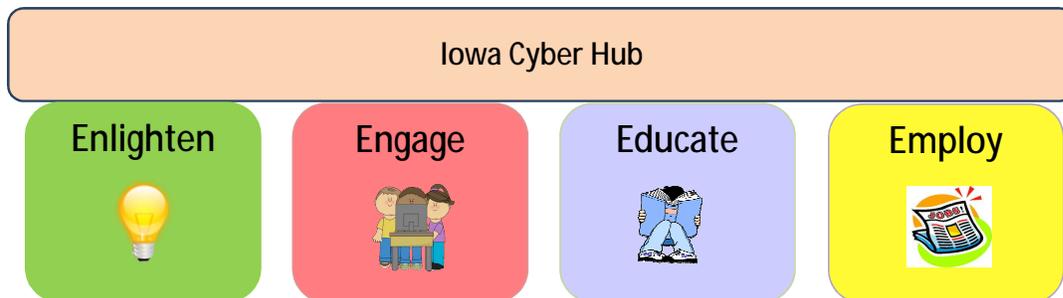# Iowa Cyber Hub:
Protecting the Nation through Cyber Education

Started as a pilot project between ISU and DMACC, the Iowa Cyber Hub is dedicated to the continual improvement in the cyber security posture of the citizens of Iowa and the engines of economic growth and development for the State and region. This shall be accomplished through a comprehensive set of literacy, training, outreach, and educational programs. The Iowa Cyber Hub is aligned with the cyber security goals of the State of Iowa as outlined in the 2016 cyber security plan. By leveraging current initiatives and capabilities across the State as well as identifying and closing gaps the Iowa Cyber Hub is well positioned to make Iowa a leader in cyber security.

The Goal:

The goal of the Iowa Cyber Hub is to create a safe and secure Iowa by delivering security education to all Iowans, providing educational pathways to grow the cyber workforce, and enhance the security capabilities to the benefit of the State, Region and Nation. To accomplish this goal the Iowa Cyber Hub will create a cyber security ecosystem where companies can work with universities, community colleges, and K-12 institutions on cyber security issues with the goal of creating a larger cyber security workforce.

Four pillars of the Iowa Cyber Hub

The Iowa Cyber Hub will work to:

- **Enlighten** all Iowans by exposing them to the concepts of cyber security with the goal of making every Iowan more secure.
- **Engage** students, workers, and citizens to become involved in cyber security through outreach, training exercises, competitions, conferences, and training environments.
- **Educate** students to enter the cyber workforce by; 1) developing pathways for students through the various educational partners in the cyber hub, 2) working with employers to continue to align our curriculums to their needs, 3) provide formal educational opportunities for students in grades K-12, post secondary and incumbent workers.
- **Employ** a cyber workforce by working with employers to; 1) develop standardize job postings and job descriptions , 2) align educational outcomes with employment opportunities, 3) facilitate industrial interaction to meet workforce needs

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