Cyber Academy

Susan Moon

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Community Partnerships

- Army Cyber Command MOU
- UAH MOA
- Cyber Huntsville Summer Camp
- Numerous Industry/Government/Community Partners provide mentorship, serve on the Advisory Council, and guide curriculum development

UAH Cyber Night

Cyber Security Curriculum

- ALSDE Approved Courses:
  - Foundations of Information Security
  - Principles of Information Security

  - Fall 2015: Middle School Curriculum
  - Fall 2016: Attack Vectors
  - Fall 2017: Penetration Testing

Middle School Cyber Program

- All middle schools added a cyber Program fall 2015

- Teachers trained in teams with one math, one language arts, and one science teacher per team July 9 -11,2015

- Program includes digital citizenship and beginning cyber security concepts

UAH Cyber Teacher Training

July 13th – 17th

- Middle and High School Teachers
- Curriculum Materials
- Lab exercises
- Teacher Network

CyberPatriot

- 2014 - 2015
  - HCS sponsored 27 teams
  - All high schools and two middle schools participated
  - HCS sponsored two all-girls teams

CyberPatriot

- **Open Division, Platinum**
- **HCS placed 1st, 2nd, 3rd and 4th in the state and 1st & 2nd in the Region**
- **All Service Division Platinum**
- **HCS placed 1st and 2nd in the state and Region**
- **Middle School Division**
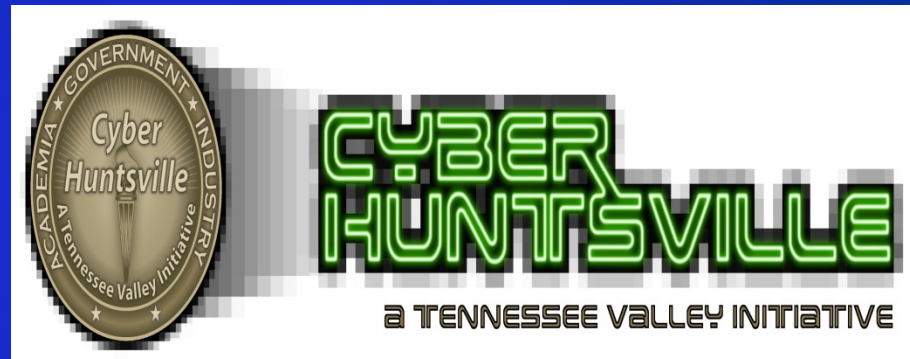- **HCS placed 1st, 2nd, & 3rd in the state**

CBS Sunday Morning

CyberPatriot National Finals

CyberPatriot
National Champions

Cyber Camp June 15th – 19th

CCNA Boot Camp

Huntsville City Schools will conduct a 10 day Cisco Certified Network Associate(CCNA) Training boot camp for Huntsville City's Cyber Security students that have shown an advanced interest in building resilient network infrastructures.

The CCNA course will give Students an in-depth understanding of Cisco's approach to maintaining network availability using their market leading routers and switches.

The CCNA certification consist of 2 exams. Students will register to take an exam at the end of weeks 1 & 2.

- **Benefits**
    - One-on-one training
    - Simulations and hands-on labs
    - Improved Cyber Patriot Competition Scores
    - Participation in Cisco's NetRider Competitions (http://www.academynetriders.com)
    - Earn Industry recognized CCNA Certifications
    - Prerequisite training for advanced CCNA Security and CCNP Certifications
    - Develop qualified candidates for future Internships & Career Opportunities

Center of Excellence