Cybersecurity 1 and 2 Classes

Protect your digital identity!
Learn critical job skills!
Get **certified** and career-ready!

In the 2019-2020 school year, Bearden High is offering:

- Cybersecurity 1: broad based overview building a solid foundation for personal safety and security in the digital age
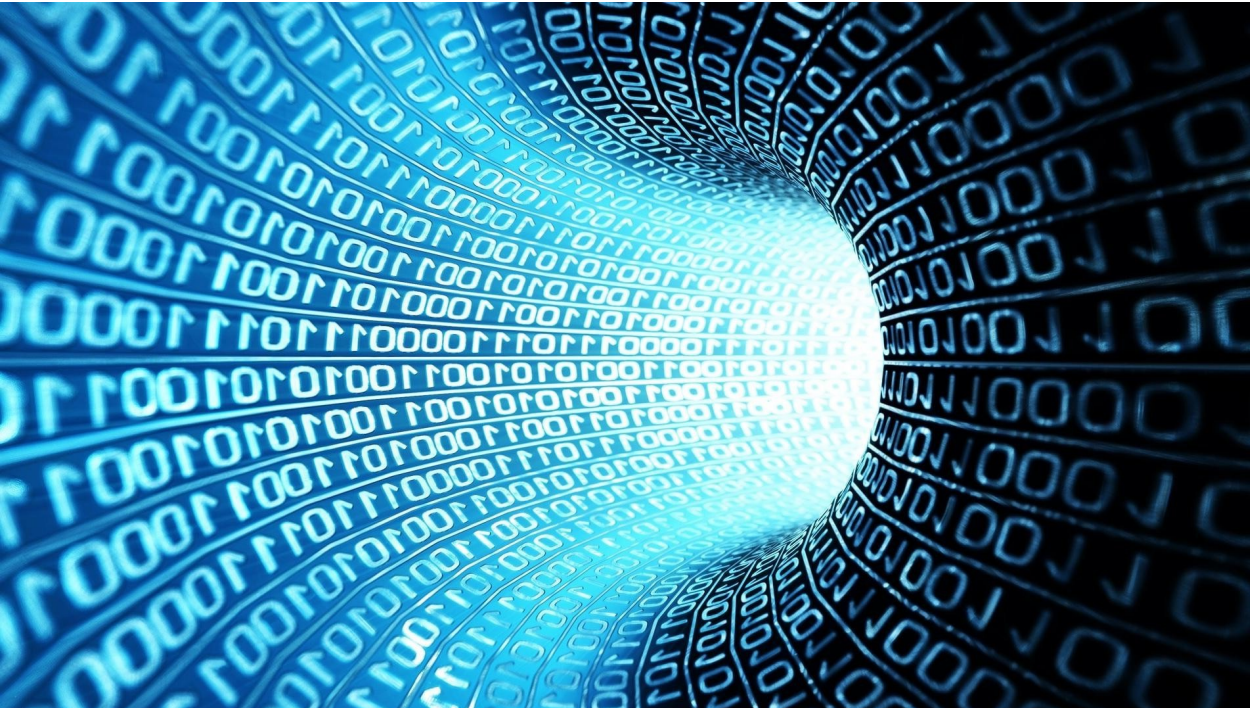
- Cybersecurity 2: more in-depth networking and security focus to build career-level knowledge base

Prerequisites:
Cybersecurity 1: Computer Science Foundations
Cybersecurity 2: Cybersecurity 1

Motivated students who complete Cybersecurity 2 will have an opportunity to sit for the CompTIA Network+ certification

FORWARD THINKING: A LOOK AHEAD AT TECH JOBS

12% GROWTH IN TECH EMPLOYMENT BY 2024
VS. 6.5% PROJECTED GROWTH IN ALL OTHER INDUSTRIES

488,500 NEW TECH JOBS BY 2024
READ ON TO SEE WHICH SECTORS & JOBS ARE GROWING

WHERE TECH IS GROWING
We expect to see an increase in demand — and in salary — for the following tech sectors and jobs in the next few years.

ANALYSIS
FORECASTED JOB GROWTH BY 2024
21%
IN 2017:
Change Management Specialist
High $ 169,520
Avg 130,692
Low 97,854

Applications Systems Analyst I (Entry)
High $ 75,899
Avg 58,640
Low 45,884

Applications Systems Analyst V (Senior)
High $ 147,517
Avg 119,722
Low 92,563

IT SECURITY
FORECASTED JOB GROWTH BY 2024
18%
IN 2017:
Information Security Administrator
High $ 113,244
Avg 78,478
Low 53,227

Systems/Application Security Analyst
High $ 116,303
Avg 88,978
Low 65,054

Information Security Manager
High $ 146,200
Avg 118,030
Low 92,534

MANAGED SERVICES & PROJECT MANAGEMENT
FORECASTED JOB GROWTH BY 2024
15%
IN 2017:
Business Process Consultant
High $ 142,227
Avg 109,717
Low 83,951

IT Project Manager I (Entry)
High $ 118,340
Avg 95,165
Low 70,022

IT Project Manager III (Senior)
High $ 136,166
Avg 112,299
Low 85,482

HEALTH IT
FORECASTED JOB GROWTH BY 2024
15%
IN 2017:
Ambulatory Systems Analyst
High $ 96,551
Avg 75,802
Low 59,411

Clinical Systems Analyst
High $ 105,962
Avg 86,373
Low 68,013

Health Information Management (HIM) Project Manager
High $ 146,166
Avg 110,207
Low 80,801

WEB DEVELOPMENT
FORECASTED JOB GROWTH BY 2024
27%
IN 2017:
Interface Design Director - Web
High $ 188,243
Avg 163,068
Low 135,573

Web Application Developer
High $ 88,635
Avg 69,359
Low 54,956

Web Software Developer, Sr.
High $ 117,202
Avg 95,053
Low 73,748

DATABASE ADMINISTRATION
FORECASTED JOB GROWTH BY 2024
11%
IN 2017:
Big Data Engineer/Architect
High $ 131,935
Avg 101,276
Low 86,988

Data Scientist
High $ 144,854
Avg 114,453
Low 83,054

Database Administrator
High $ 136,106
Avg 112,222
Low 85,371

For more insights on the evolving tech workforce — including salary data and valuable thought leadership resources — visit modis.com/salaryguide.

For more information, see Guidance or Dr Cathcart (Room 400)!