

## Potential Careers

- Network Security Specialist
- System Administrator
- IT Project Manager
- Help Desk Troubleshooter
- Cryptographer
- Cybersecurity Analyst
- Incident Responder
- Penetration Tester



HACC Cyberpatriot teams finished in the top 10% in the State and our Girl's Team was recently honored by Governor Whitmer

Hillsdale  
Area  
Career  
Center

Primary Units of  
Instruction

**TestOut**



CISCO

Networking  
Academy

# Cybersecurity

"All I want to do is work in IT, Cybersecurity at HACC has given me the opportunity to do that for my entire career"

~ Kyra Lewis  
Former HACC student



## Top 20 Fastest Growing Occupations

Employment of information security analysts is projected to grow 32 percent from 2018 to 2028, much faster than the average for all occupations. Demand for information security analysts is expected to be very high, as these analysts will be needed to create innovative solutions to prevent hackers from stealing critical information or causing problems for computer networks.

## Hot 50 Jobs List!

Cybersecurity analysts work to ensure that an organization's computer networks, computer systems and digital information stay safe from cyber-attacks and hackers. They may plan, monitor and test computer systems for security and implement appropriate security controls. They may install and use software, such as firewalls and data encryption programs, to protect sensitive information. They may also perform penetration testing, using simulation of attacks to look for vulnerabilities in an organization's computer system before they may be exploited by hackers.

## Details

### Articulated Credits

Complete the 2 year program and earn articulated college credit that you can use to further your certification or earn a degree. Earn the following credits:

Baker College: 17 credits

Jackson College: 33 credits

### Early Middle College

You can be part of EMC and attend the HACC. Jackson College will develop a program that fits you and your career path.

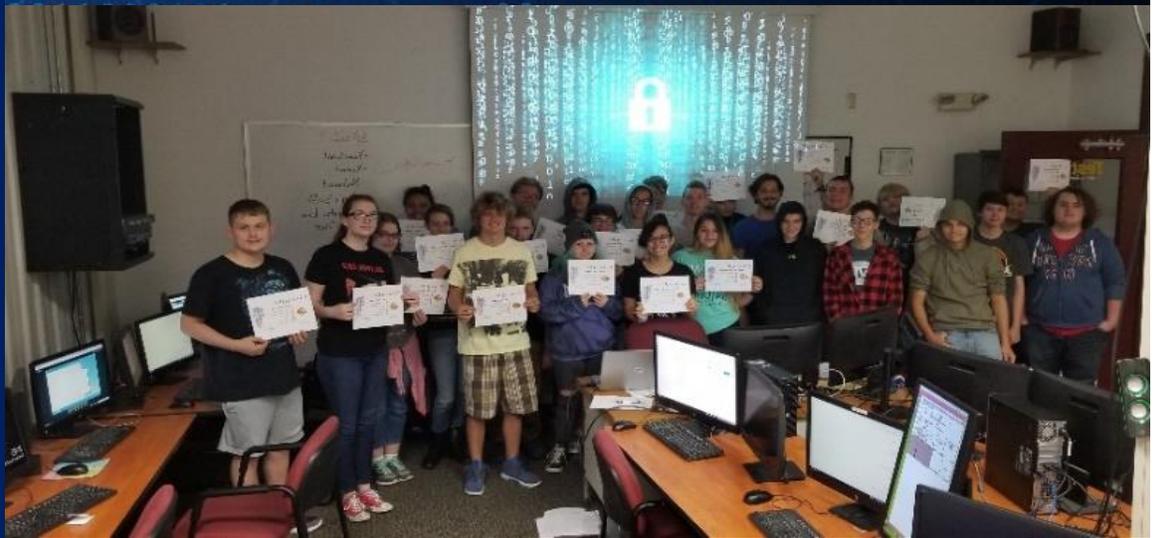
**CTE Works!**

**Frequent Credentialing Opportunities is a motivator for students!**

**Is This Program for Me?**

It is if you.....

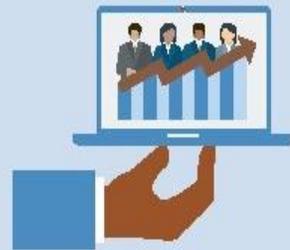
- Are detail orientated
- Work well under pressure
- Are not afraid of risk
- Ethical
- Can accept responsibility
- Work well in a team setting



**Earn Credentials**

IT Fundamentals, A+, Linux +, Security+, Ethical Hacking Associate, Cyber Forensics Associate, CCNA, CCNA Security, Microsoft Technology Associate – Windows, Networking, & Security

“Companies spend millions of dollars on firewalls, encryption and secure access devices and it is money wasted; none of these measures addresses the weakest link in the security chain.”  
 ~Kevin Mitnick (The world’s most famous hacker)



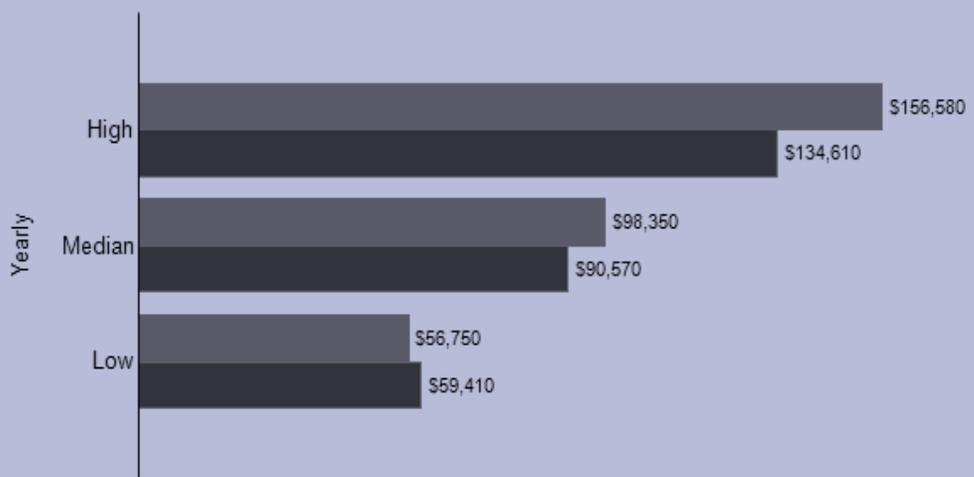
**1.5 Million**

**MORE** cybersecurity professionals will be needed to accommodate the predicted global shortfall by 2020

Source: (ISC)<sup>2</sup> 2015 Global Information Security Workforce Study

“Less than 10% of the current cybersecurity workforce is comprised of women”

**Job Outlook**



**Wages for Security Information Analyst: Bachelor’s Degree**