

Industry Certificates FREE!

We prepare you for the coveted CompTIA Industry Certifications, for FREE!

And they come with College Credits, too!

Course	Certification	College Credit
Cyber 1	Cisco Network	-
Cyber 2	Network+	3-4
Cyber 3	Security+	3-4
Cyber 4	Linux+	3-4

Great Job Opportunities!

Here are some Cybersecurity roles and their current salary ranges:

Role/Position	Salary Range
Cybersecurity Analyst	\$75-90K
Digital Forensics Investigator	\$75-120K
Systems Reliability Engineer	\$150-175K
Director Security Operations	\$180-250K
Chief Info. Security Officer	\$250-350K

Learn Through Doing

We do hands-on activities and apply gaming technology to our learning:

We practice in a safe lab environment (Cyber range) where students compete as “hackers” learning adversarial techniques and being graded based on their defensive cyber postures.

We participate in Cyber games such as Cyber Patriot (3rd place in Florida Platinum Division), NCL, Cyber Florida and others.

10 Reasons for Cyber:

1. You'll learn how to hack...
2. Better yet: how to PROTECT
3. Gamified Cyber Competitions
4. Get Industry Certifications FREE!
5. Dual Enrollment Opportunities
6. 15 College Credits @BC (Up to 31)!
7. Field Trips to Colleges & Businesses
8. Guest Speakers (FBI, NSA, etc.)
9. New Cyber Lab!
10. MAKE LOTS OF \$\$ M O N E Y \$\$

JOIN CYBER@NOVAHS!



**Nova High School
Cybersecurity
Program**



Cybersecurity is an Exciting, Lucrative Career!

There are over 500,000 cybersecurity positions open waiting for you to apply. These jobs range from an entry level Cybersecurity Analyst to a Chief Information Security Officer (CISO) with salaries ranging from \$75K to \$350K!

At Nova, we will prepare you for this lucrative, exciting career via our Cybersecurity Program.

The program is led by a 30-year industry expert, Mr. Abrantes, who shares his knowledge with you in an engaging and professional way. We will even prepare you to attain coveted industry certificates (CompTIA + Cisco) earning college credits.

There will be dual enrollment opportunities, field trips to colleges & businesses, guest speakers from FBI, NSA, Microsoft, etc.

Plenty of reasons to join our program!

How We Prepare You

We will prime you for an exciting career in Cybersecurity via our 4-year program:

- Cybersecurity 1 Honors
- Cybersecurity 2 Honors
- Cybersecurity 3 Honors
- Cybersecurity 4 Honors

The program is open to all grade levels who have taken Advanced IT Honors or an equivalent Computer Science class.

Earn 15 Credits at Broward College

A Nova HS student who completes the above Cybersecurity coursework will automatically earn 15 college credits towards their A.S. Degree in Network Security/Cybersecurity at Broward College. Students will receive additional 4 credits for each CompTIA certificate earned here.



Dual Enrollment & More!

We have a dual enrollment opportunity with NSU that grants 3 college credits! We are working on other DE opportunities as well.

We go on field trips to universities and local businesses focused on their Cybersecurity programs. Our partnership with Microsoft TEALS brings expert speakers to teach you about Cybersecurity in the real-world.

Cybersecurity 1 – Honors

In this course we cover Computer & Network Security Fundamentals: Dis/assemble Laptops, Network Security, OSI Model, CIA Triad, AAA, Cyberattack vectors, Basic Firewalls, Cryptography.

Cybersecurity 2 – Honors

In this course we learn Cybersecurity Essentials: Cyberattack Vectors and their Defenses, Firewalls, DMZ's and Proxy Servers, Advanced Cryptography, Digital Certificates, PKI, etc.

Cybersecurity 3 – Honors

Here we will study Cybersecurity Operations: Intrusion Prevention and Detection, System Hardening, Risk Management, Digital Forensics, Penetration Testing, etc.

Cybersecurity 4 – Honors

This is a Capstone Course where you may choose your own community-benefiting project in Database Security, Software & Application Security, Web Security, or Applied Cybersecurity Applications.