

Certificate: Cybersecurity

Curriculum Chair: Professor Denise Sullivan **Location:** CLA-47 **Telephone:** (914) 606-6988

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ADVISOR NAME:

Developmental Courses as required based on placement scores	
<input type="checkbox"/>	No Developmental Courses Required
<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6
<input type="checkbox"/>	ESL 122 Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below OR MATH 94 Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below
<input type="checkbox"/>	READ 105 Analytical Reading (3 credits) – Score of 58 and higher

Program of Study	
<input type="checkbox"/>	CIS 120 – Object Oriented Programming Logic: CIS 110 is a co-requisite.
<input type="checkbox"/>	CIS 130 – Computer Hardware: CIS 110 may be a pre or co-requisite.
<input type="checkbox"/>	CIS 135 – PC Operating Systems: CIS 110 is a co-requisite.
<input type="checkbox"/>	CIS 140 – Networking for Business: CIS 110 is a co-requisite.
<input type="checkbox"/>	CIS 155 – Principles of Security/Forensics: CIS 110 is a co-requisite.
<input type="checkbox"/>	CIS 240 – Network Security: CIS 140 and CIS 155 are prerequisites.
<input type="checkbox"/>	CIS 245 – Computer Penetration Testing: CIS 135 is the prerequisite.
<input type="checkbox"/>	CIS 270 – Computer Forensics: CIS 135 and CIS 155 are prerequisites.

NOTES:

The Cybersecurity certificate provides students with a firm foundation in the basic principles of business security. It is recommended for individuals with prior computer experience, and designed for students who need to enhance their job skills. The courses can also be applied to the A.A.S. degree in Computer Security and Forensics. Graduates of this certificate can expect opportunities to use their skills in private industry, government, law enforcement, the military, health services and academia.