CYB 300: System Administration and Security



# BACHELOR OF SCIENCE IN CYBER & DATA SECURITY TECHNOLOGY ANNUAL ASSESSMENT PLAN & FINDINGS 2018-2019 ACADEMIC YEAR

#### 2018 - 2019 CURRICULUM MAP PLO 1 PLO<sub>2</sub> PLO 3 PLO 4 PLO 5 PLO<sub>6</sub> **Employ** Create an Develop a risk Construct the Evaluate the local, Prepare the professionalism, information management appropriate national, and appropriate ethics, and social security policy plan of the countermeasure global impact of solutions for framework seven domains s to ensure the attacks and business responsibility values related to based upon the of the typical principles of unauthorized use continuity to information the cyber & data classification of Information of digital assets on minimize the data in the technology individuals, impact of a security security. technology seven domains infrastructure. disruption or organizations, and professions. of the typical disaster utilizing society. current information technology techniques, best infrastructure. practices, skills, and necessary security tools. INT 100: Fundamentals of Information Technology & Ш ı 1 Literacv CPT 200: Fundamentals of Programming Languages R R R R ENG 328: Scientific & Technical Writing R R R R CPT 301: Computer Organization and Architecture R R R R CPT 304: Operating Systems Theory and Design R R R R R CPT 307: Data Structures and Algorithms R R R INT 301: Computer Networking R R R R R R R R R R CPT 310: Database Systems and Management R R

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## Office of Learning Assessment and Program Review



CSE 301: Software Engineering and Design	R	R	R	R	R	R
INT 403: Project Management for TECH	R	R	R	R		R
CYB301: Introduction to Cyber & Data Security Technology	R	R	R	R	R	R
CYB 302: Secure Web Applications and Social Networking	R	R	R	R	R	R
CYB 400: Cryptography	R	R		R	R	R
CYB 401: Risk Management and Infrastructure	R	R	R	R	R	R
CYB 402: Computer Forensics	R	R		R	R	R
CYB 403: Capstone for Cyber & Data Security Technology	М	М	М	М	M	М

I (Introduced), R (Reinforced), or M (Mastered).



#### ANNUAL ASSESSMENT PLAN FINDINGS

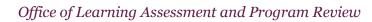
### PLO 1 - Employ professionalism, ethics, and social responsibility values related to the cyber & data security technology professions.

MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS:  PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	ASSESSMENT RESULTS:  1. EXCEEDS THE ACCEPTABLE TARGET  2. MEETS THE ACCEPTABLE TARGET  3. DOES NOT MEET THE ACCEPTABLE TARGET  4. INSUFFICIENT DATA
Direct Measure 1: CYB 402 Final Paper	70% of Bachelor of Science Cyber and Data Security students must receive a proficient, or distinguished evaluation on relevant content criteria mapped to this PLO.	N/A	N/A	N/A	4. INSUFFICIENT DATA





Direct Measure 2: CYB 403 Final Paper	70% of Bachelor of Science Cyber and Data Security students must receive a proficient, or distinguished evaluation on relevant content criteria mapped to this PLO.	N/A	N/A	N/A	4. INSUFFICIENT DATA
PLO 2 - Create an information technolog	rmation security policy framework based up	on the classificati	ion of data in the	seven domains of t	he typical
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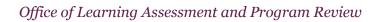




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PLO 3 - Develop a risk	management plan of the seven domains of	the typical Inform	ation technology	infrastructure.	
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PLO 4 - Construct the	appropriate countermeasures to ensure the	principles of info	rmation security.		
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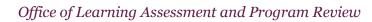




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PLO 5 - Evaluate the losociety.	ocal, national, and global impact of attacks a	nd unauthorized	use of digital asso	ets on individuals, o	rganizations, and
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	PLO 6 - Prepare the appropriate solutions for business continuity to minimize the impact of a disruption or disaster utilizing current techniques, best practices, skills, and necessary security tools.					
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