INT 301: Computer Networking



# BACHELOR OF SCIENCE IN CYBER & DATA SECURITY TECHNOLOGY ANNUAL ASSESSMENT PLAN & FINDINGS 2019-2020 ACADEMIC YEAR

#### 2019 - 2020 CURRICULUM MAP PLO 1 PLO<sub>2</sub> PLO 3 PLO 4 PLO<sub>5</sub> PLO 6 **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 disaster utilizing professions. of the typical society. current information technology techniques, best infrastructure. practices, skills, and necessary security tools. MAT 232: Statistical Literacy ECO 203: Principles of Macroeconomics ı R R R ENG 328: Scientific & Technical Writing R INT 100: Fundamentals of Information Technology & ı ı Ш Literacy CPT 200: Fundamentals of Programming Languages 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

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## Office of Learning Assessment and Program Review



CPT 310: Database Systems and Management	R	R	R	R	R	R
CYB 300: System Administration and Security	R	R	R	R	R	R
CST 301: Software Tehnology and Design	R	R	R	R	R	R
TMG 300: Scrum Basics	R	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 499: Capstone for Cyber & Data Security Technology	М	М	М	М	М	М

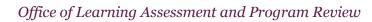
I (Introduced), R (Reinforced), or M (Mastered).



#### ANNUAL ASSESSMENT PLAN FINDINGS

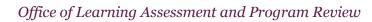
### PLO 1 - Employ professionalism, ethics, and social responsibility values related to the cyber & data security technology professions.

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
	rmation security policy framework based up	on the classificati	on of data in the	seven domains of t	he typical
information technolog	gy intrastructure.				
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

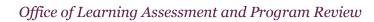




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Direct Measure 2: CYB 403 Final Paper	70% of Bachelor of Science Cyber and Data Security students must receive a proficient, or distinguished evaluation on relevant content criteria mapped to this PLO.	N/A	N/A	N/A	4. INSUFFICIENT DATA
PLO 3 - Develop a risk	management plan of the seven domains of	the typical Inform	ation technology	infrastructure.	
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					4. INSUFFICIENT DATA
Direct Measure 1: CYB 401 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 4 - Construct the	appropriate countermeasures to ensure the	principles of info	rmation security.		
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	1. EXCEEDS THE ACCEPTABLE TARGET  2. MEETS THE ACCEPTABLE TARGET  3. DOES NOT MEET THE ACCEPTABLE TARGET





					4. INSUFFICIENT DATA
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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 5 - Evaluate the losociety.	ocal, national, and global impact of attacks a	nd unauthorized	use of digital asso	ets on individuals, o	rganizations, and
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
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	propriate solutions for business continuity tices, skills, and necessary security tools.	to minimize the in	npact of a disrup	tion or disaster utili	zing current
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#### **OVERALL RECOMMENDATIONS**

Given the numerous changes that occurred during the 2019-20 academic year, program leads and faculty will monitor the 2019-20 data in conjunction with the 2020-21 academic year data.

