## MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

DEPT. CST	COURSE NUMBER: 2430
NUMBER OF CREDITS: 3	Lecture: 2 Lab: 1 OJT: 0
Course Title:	
CyberOps	
Catalog Description:	
CyberOps covers knowledge and skills needed responsibilities of an associate-level Cybersecu Center (SOC). This course aligns with the Cisc certification. Candidates need to pass the 200-2 Certified CyberOps Associate certification. Talfor this course. The CBROPS exam tests a cance concepts, security monitoring, host-based analy policies and procedures.	rity Analyst working in a Security Operations o Certified CyberOps Associate (CBROPS) 01 CBROPS exam to achieve the Cisco king certification is not mandatory requirement didate's knowledge and skills related to security
Prerequisites or Necessary Entry Skill	s/Knowledge•
CST 1200.	5) IMO Wieuge.
FULFILLS MN TRANSFER CURRIC	ULUM AREA(S) (Leave blank if not
$\square$ Goal 1: Communication: By meeting the follows:	owing competencies:
☐Goal 2: Critical Thinking: By meeting the fol	
☐Goal 3: Natural Sciences: By meeting the following the f	
☐Goal 4: Mathematics/Logical Reasoning: By 1	5 1
$\Box$ Goal 5: History and the Social and Behavioral	
competencies:	belefices. By meeting the following
$\Box$ Goal 6: The Humanities and Fine Arts: By me	eeting the following competencies:
$\Box$ Goal 7: Human Diversity: By meeting the foll	
$\Box$ Goal 8: Global Perspective: By meeting the for	-
☐Goal 9: Ethical and Civic Responsibility: By 1	-
$\square$ Goal 10: People and the Environment: By me	
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Topics to be Covered	
Security Concepts	
Security monitoring	
Host-based analysis	
Network Intrusion Analysis	
Security policies and procedures	

Student Learning Outcomes
Install virtual machines to create a safe environment for implements and analyzing
cybersecurity threat evens.
Explain the roll of Cybersecurity Operations Analyst in the enterprise.
Analyze the operation of network protocols and services.
Explain network intrusion data to identify compromised hosts.
Classify the various types of network attacks.
Explain how to investigate endpoint vulnerabilities and attacks.
Analyze network intrusion data to identify compromised hosts.
Apply incident response models to manage network security incidents.

Is this course part of a transfer pathway:	Yes	No	
*If yes, please list the competencies below			

Revised Date: 4/14/2022