## MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

<b>DEPT</b> .	SURG	<b>COURSE NUMBER: 1110</b>
NIME	BER OF CREDITS: 2	Lecture: 2 Lab: 0 OJT: 0
	e Title:	Eccurc. 2 Eus. v Osi. v
	l Microbiology	
Catal	og Description:	
wound microo standar discuss	Il Microbiology will enable students to prevent healing. Students will study the structure and fr ganisms and their diseases along with the met d precautions will be explored. Various method ed. The student will study wound healing pro- e against disease.	function of microorganisms, pathogenic hods of transmission. The concept of ds of sterilization and disinfection will be
Dware	quisites on Negoggany Entry Skills/Kn	avrladge.
None	quisites or Necessary Entry Skills/Kno	owieuge:
Ttone		
FULF	LLS MN TRANSFER CURRICULU	M AREA(S) (Leave blank if not
applica		( · ) ( · · · · · · · · · · · · · · · ·
	1: Communication: By meeting the following	competencies:
□Goal 2	2: Critical Thinking: By meeting the following	competencies:
	3: Natural Sciences: By meeting the following	
	4: Mathematics/Logical Reasoning: By meeting	
	5: History and the Social and Behavioral Scien	
compete		,
-	6: The Humanities and Fine Arts: By meeting t	he following competencies:
	7: Human Diversity: By meeting the following	
_	3: Global Perspective: By meeting the following	_
	9: Ethical and Civic Responsibility: By meeting	
	10: People and the Environment: By meeting the	
	-	
Topic	s to be Covered	
	ction to Microbiology, cell structure, types, an	d functions of microorganisms
Micros	copes-staining, media, and nomenclature	
	on causative agents	
Immun		
	s of infection	
Wound	healing process	

Student Learning Outcome		
Discuss the impact of microbiology concerning the correlation of the practice of sterile technique and infection control in the OR.		
Identify the name and function of various parts of the compound microscope.		
Compare and contrast the structure and characteristics of different microorganisms		
Analyze the various immune responses that occur in the body as defenses against invasion by pathogens.		
Describe the infectious process as it relates to the surgical practice		
Discuss the historical background of microbiology.		
Is this course part of a transfer pathway: Yes □ No ☒ *If yes, please list the competencies below		

Revised Date: 4/19/2024