MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

DEPT. ELEC	COURSE NUMBER: 1210
NUMBER OF CREDITS: 5	Lecture: 2Lab: 3 OJT 0
Course Title:	
Residential & Farm Wiring	
Catalog Description:	
Residential & Farm Wiring introduces blueprin electrical safety and general safety. Discusses N circuits, feeders, grounding, services, and overcwiring.	National Electrical Code articles on branch
Prerequisites or Necessary Entry Skill	s/Knowledge
ELEC 1200	S/Milowicuge.
FULFILLS MN TRANSFER CURRIC applicable) Goal 1: Communication: By meeting the following Goal 2: Critical Thinking: By meeting the following Goal 3: Natural Sciences: By meeting the following Goal 4: Mathematics/Logical Reasoning: By row Goal 5: History and the Social and Behavioral competencies: Goal 6: The Humanities and Fine Arts: By meeding Goal 7: Human Diversity: By meeting the following Goal 8: Global Perspective: By meeting the following Goal 9: Ethical and Civic Responsibility: By row Goal 10: People and the Environment: By meeting Goal 10: People 2: People 2: People 2: People 2: People 3: Peop	owing competencies: lowing competencies: lowing competencies: meeting the following competencies: Sciences: By meeting the following eeting the following competencies: owing competencies: bllowing competencies: meeting the following competencies: meeting the following competencies:
Topics to be Covered	
Wiring methods for residential and farm wiring	
Grounding and bonding	
Student Leaving Outcomes	
Student Learning Outcomes Apply National Floatrical Codes	
Apply National Electrical Codes Describe branch circuit requirements	
Install PVC conduit	
Install lighting fixtures	
Calculate farm vard services	

Calculate box sizes	
Describe bonding requirements	
Describe grounding requirements	
Describe sub panel requirements	
Install UF cable	
Is this course part of a transfer pathway: Yes □ No ☒	
*If yes, please list the competencies below	

Revised Date: 1/1/2022