MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

DEPT. ELEC	COURSE NUMBER: 1215
NUMBER OF CREDITS: 2	Lecture: 2 Lab: 0 OJT 0
Course Title:	
National Electric Code II	
Catalog Description:	
boxes gutters, switches and panelboards. Also	rements for cabling, conduit, raceways, wireways, included are the requirements for equipment such as nees, fixed space heating, motors and motor circuits,
Prerequisites or Necessary Entry Sk	rills/Knowledge
ELEC 1205	dis/Miowicage.
applicable) Goal 1: Communication: By meeting the form Goal 2: Critical Thinking: By meeting the form Goal 3: Natural Sciences: By meeting the form Goal 4: Mathematics/Logical Reasoning: B Goal 5: History and the Social and Behavior competencies: Goal 6: The Humanities and Fine Arts: By Goal 7: Human Diversity: By meeting the form Goal 8: Global Perspective: By meeting the Goal 9: Ethical and Civic Responsibility: B Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People and the Environment: By respective: By meeting the Goal 10: People By	following competencies: following competencies: fy meeting the following competencies: oral Sciences: By meeting the following meeting the following competencies: following competencies: following competencies: fy meeting the following competencies:
Topics to be Covered	
National Fire Protection Association (NFPA)	
Requirements of the National Electrical C	
Special occupancies, equipment and condition	ons of the National Electrical Code (NEC)
Student Learning Outcomes	
Determine switchboard, switchgear, and/or p	panelboard requirements.
Determine general use equipment requirements	*
Determine air conditioning equipment and he	
Determine motor circuits and controllers' rec	quiramants

Determine transformer requirements.
Determine special occupancies requirements.
Determine special equipment requirements.
Determine special conditions requirements.
Determine communication system requirements.
Is this course part of a transfer pathway: Yes □ No ☒ *If yes, please list the competencies below

Revised Date: 1/1/2022