MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

DEPT. AGRI	COURSE NUMBER: 2203
NUMBER OF CREDITS: 3	Lecture: 2 Lab: 1 OJT: 0
Course Title:	
Soil Fertility and Fertilizer	
Catalog Description:	
Soil Fertility and Fertilizer explores the chemical e testing, tissue testing, fertilizer nutrients, fertilizer recommendations are studied.	
Prerequisites or Necessary Entry Skills/K	Knowledge:
None	
FULFILLS MN TRANSFER CURRICUL	LUM AREA(S)
□Goal 1: Communication: By meeting the following	g competencies:
☐Goal 2: Critical Thinking: By meeting the following	ng competencies:
□Goal 3: Natural Sciences: By meeting the following	ig competencies:
□Goal 4: Mathematics/Logical Reasoning: By meeti	ng the following competencies:
☐Goal 5: History and the Social and Behavioral Scie	ences: By meeting the following competencies
☐Goal 6: The Humanities and Fine Arts: By meeting	
☐Goal 7: Human Diversity: By meeting the followin	-
☐Goal 8: Global Perspective: By meeting the follow	
☐Goal 9: Ethical and Civic Responsibility: By meeti	-
□Goal 10: People and the Environment: By meeting	
Topics to be Covered	and rome wing competences.
Characteristics of Soil	
Plant Nutrients	
Characteristics of Clay	
Macro Nutrients – Nitrogen, Phosphorus, & Potass	ium
Secondary Nutrients – Sulfur, Calcium, Magnesium	
Micro Nutrients	<u></u>
Soil pH and Salinity	
Soil Organisms	
Organic Matter	
Soil & Plant Tissue Testing	
Reading a Soil Test	

Fertility and Lime Recommendations

Fertilizer Products

Manure as Fertilizer

Site Specific Applications

Is this course part of a transfer pathway:	Yes	No	

Revised Date: 6/2021