

# Minnesota Articulated College Credit (ACC) Agreement

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**Agreement Name:** **Soils**

**Agreement Last Reviewed:** January 2023

**Next Review Date:** January 2025

## College Courses

Class	Title	School	Credits	
AGRI 1650	Soils & Fertility Management	Ridgewater College	1.0	of 3.0
PLSC 1100	Soils I	South Central College	1.0	of 3.0
AGRI 1103	Introduction to Soil Science	Minnesota West Community & Technical College	1.0	of 3.0

## **Curriculum Content Objectives:**

To receive credit, students will be introduced to 100% of the following content objectives:

1. Define soil
2. Explain percolation
3. Classify soils
4. Explain soil separates/textures
5. Utilize texture triangle
6. Describe soil physical and chemical composition
7. Compare soil structures
8. Identify organic matter functions
9. Describe soil weathering
10. List soil organisms
11. Identify aeration factors
12. Explain organic soils
13. Describe land drainage
14. Determine soil conservation importance
15. Identify soil loss characteristics
16. Describe land capability classes
17. Explain available soil water
18. Identify forms of erosion
19. Describe conservation tillage
20. Identify erosion control measures

## **Assessments:**

Students must achieve no less than 80% or B for a final grade in the high school course to receive ACC.

## **ACC Concept:**

Through Articulated College Credit (ACC), specific college curriculum content goals and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school course. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.