

Summer Ag Institute 2022

EDUC 2000, 1 Professional Development Credit

COURSE AND NUMBER	Education 2000 - Summer Ag Institute 2022 Prerequisite: None
CREDIT HOURS	1 Professional Development Credit
FEES	\$50 Credit Fee payable to NDSU
INSTRUCTORS	Gail Benson, M.Ed., Phone: 936-336-5215 email: gailbenson51@gmail.com Jill Vigesaa, Phone 701-799-5488 email: jill.vigesaa@gmail.com
RESOURCES	AITC Curriculum Matrix lessons http://www.agclassroom.org/ . Food, Land, and People Curriculum, ND Ag Dept., NDSU STEM
DESCRIPTION	This course “wrote the book” on Ag Literacy and community connections. The Summer Ag Institute is designed to provide educators with professional development training in agricultural literacy through workshops and hands-on demonstrations. This course will utilize the elementary level workshops/concepts with additional lessons and resources from the National Agricultural Literacy Curriculum Matrix. The Matrix is an online, searchable, standards-based curriculum map for K-12 teachers. The course will provide an overview of strategies, materials, curriculum development, and research related to assisting the Pre-K-12th grade educators to better understand the interdependence of agriculture, the environment, and human needs through lessons in multiple curriculum areas: reading, writing, science, health, consumer education, mathematics, social studies, geography, STEAM and more. Educators will leave with ready to use activities and experiences for students in their classrooms.
NATIONAL BOARD FOR PROFESSIONAL TEACHING STANDARDS	The National Board for Professional Teaching Standards seeks to identify and recognize teachers who effectively enhance student learning and demonstrate the high level of knowledge, skills, abilities and commitments. This course aligns with all 5 of those standards. <ol style="list-style-type: none">1. <i>Teachers are committed to students and their learning.</i>2. <i>Teachers know the subjects they teach and how to teach those subjects to students.</i>3. <i>Teachers are responsible for managing and monitoring student learning.</i>4. <i>Teachers think systematically about their practice and learn from experience.</i>5. <i>Teachers are members of learning communities.</i>
OBJECTIVES	1. Provide educators with current agricultural professional development training by National Center for Agriculture Literacy (NCAL) curriculum

specialists to understand larger concepts such as ecosystem balance, diversity, sustainability, watersheds and community.

2. Use resources available through AITC, FLP, ND Dept of Ag, etc. with current educational concepts to help teachers with group activities (large, small, and cooperative), provide for individual differences and learning styles, and evaluate students' learning using agricultural content.
3. Develop understanding, thinking skills, creativity, and improve communication skills in the learning environment with students.
4. Use lessons to demonstrate how they integrate into the current curriculum.
5. Identify and use appropriate learning activities to integrate social concerns and social perspectives regarding food, land, and people issues.

TOPICAL OUTLINE

All sessions are tentatively scheduled from 9:00-5:00 PM CST

Day #1 Wednesday, June 22

Introduction to NAITC Curriculum Matrix Food, Land & People

Interdisciplinary Curriculum (2 hours)

Connecting through active participation in Lessons (1 hour)

Science: Pollinators Save the World, School Gardens

Lunch (.5 hr)

Diversity Focused Agriculture: Ag Literacy through Culture (4 hours)

Day #2 Thursday, June 23

Science and Health Focus: Nutrition in the Classroom (1 hour)

Extending beyond the classroom to local connections; Grocery Store, Agricultural Processing Facility, NDSU Research Facility, Agricultural Producer or other. (2 hour)

Lunch (.5 hr)

Connecting through active participation in hands-on lessons (2 hours)

Final review and sharing of Curriculum Planning Worksheets and course evaluation (2 hour)

REQUIREMENTS

1. **Attendance:** Attend all classroom instruction
2. **Reflective Journal:** Participants will complete a reflective journal entry for each presentation. Journals will include reflection on the presentation and application in the educator's classroom or position.
3. **Participation:** Participants are required to be actively engaged during the class sessions through the questioning of processes and practices presented along with productive discussions about integration into the classroom curriculum, while addressing grade level standards and benchmarks.
4. **Class Assignments:** Participants must complete a Curriculum Connections Worksheet and final reflection, within two weeks of the conclusion of the institute.
5. **Outside Assignment:** Complete Curriculum Connections Worksheet on Summit and Matrix connections.

EVALUATION The students will be evaluated on the completion of the requirements with point values stated. A course rubric will be utilized for individual student assessment and letter grading.

STUDENTS WITH DISABILITIES Any students with disabilities or other special needs, who need special accommodations in this course are invited to share these concerns or requests with the instructor as soon as possible.

ACADEMIC HONESTY STATEMENT All work in this course must be completed in a manner consistent with NDSU University Senate Policy, Section 335: Code of Academic Responsibility and Conduct
https://www.ndsu.edu/education/teacher_education/academic_integrity_statement/