ASM 348 (14657) — Agricultural Technology Exposition (1 credit), Spring 2025
Class meets in Ladd 114 or 107 at 6 pm (*Tentative dates on Page 4*)
Expo is on Saturday February 15, 2025

Instructor and contact information
Name: Mr. Matt Olhoft
Office location: Ladd 104H
Contact Information: matthew.olhoft@ndsu.edu and Phone: 701-231-7269
Office hours**:** Mondays 10 a.m. – Noon; Thursdays 3-5 p.m.; and by appointment via email

Bulletin Description
Create a display of current or emerging agricultural technology and present it to stakeholders of the department and the general public at Ag Tech Expo.

Prerequisite
None

Textbook
None

Mode of Presentation
Lecture with PowerPoint

Required Resources
Access to a computer, a good attitude, and a poster.

Course Fee
Students will be required to purchase a banquet ticket, normally around $20.00.

Blackboard
Blackboard will be used for announcements, and grade presentation

Course Objectives
1. To develop an introductory understanding of showing and explaining new technologies.
2. To develop and practice good communication skills.
3. To develop and practice basic responsibility for task management and completion.
4. To develop higher-level thinking by preparing show displays for public viewing and interaction.

Syllabus Learning Outcomes:
1. To develop an introductory understanding of showing and explaining new technologies.
2. To develop and practice good communication skills.
3. To develop and practice basic responsibility for task management and completion.
4. To develop higher-level thinking by preparing show displays for public viewing and interaction.

ABET Student Outcomes

Students completing this course should demonstrate the program educational objective B and student outcomes 3 and 5 in Table 1.

Table 1. ABEN program educational objectives and supporting student outcomes. *

	Graduates are expected to have established themselves as practicing engineers who, within a few years of graduation:
A	Successfully address emerging engineering challenges in the design or evaluation of machine systems, processing systems, and natural resources and environmental systems affecting the production of food, feed, and other biobased products. Technical learning outcomes include student outcomes (1), (2), and (6): 1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics (a, e)† 2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors (c) 6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions (b)
B	Effectively use professional communication, critical thinking, and interpersonal skills as team leaders and team members. Communicational learning outcomes include student outcomes (3) and (5): 3. an ability to communicate effectively with a range of audiences (g) 5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives (d)
C	Responsibly serve the public and their employers by participating in professional development and by maintaining the highest standard of professional ethics. Contextual learning outcomes include student outcomes (4) and (7): 4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts (f, h, j) 7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies (i)
D.	Express themselves with professional oral and written communication, value their professionalism, work effectively in teams, and recognize the need for and importance of lifelong learning.

* See https://www.ndsu.edu/aben/about/abet_accredited/ for the current ABEN program educational objectives. See https://www.abet.org/accreditation/accreditation-criteria/criteria-for-accrediting-engineering-programs-2021-2022/ for information on ABET student outcomes 1-7, effective as part of the "Criteria for Accrediting Engineering Programs, 2021-2022."

† ABET student outcomes (a) – (k) from the previous review cycle are included for cross-referencing only. Former student outcome (k) is implied in (1), (2), and (6).

Missing Meeting

The meeting dates are set at the beginning of the semester. All other extracurricular activities should not be scheduled on these dates. If for some **emergency reasons**, someone misses a meeting, the instructor or show managers **must** be notified **BEFORE** the meeting. Notification by e-mail or other written formats are acceptable. Missing a meeting without notifying the instructor or show managers **BEFORE** the date will result in a **"0"** for that meeting - **no exceptions!**

Evaluation Procedures and Grading Criteria

Table 2. Students will be evaluated according with the 3 criteria in the table below.

Category	----- % of the total grade* -----
1. Meetings (four meetings, 10 pts each)	40
2. Setting up the Expo (one time, 10 points)	10
3. Expo and Banquet attendance (one time, 50 points)	50
Total	**100**

*Letter grades will be assigned using the following scale: A= 90.0-100%; B= 80.0-89.9%, C= 70.0-79.9%; D= 60-69.9%, and F= less than 60%.

Missing Deadline

Deadlines **cannot** be made up. For legitimate emergency, contact the instructor or show managers before the deadline and possible allowance MIGHT be made. If you miss a deadline, your score for the deadline is **"0"**.

Missing the Expo

Students are required to present and attend the Expo for its entire duration (usually 9:00 am – 4:00 pm). **Missing the Expo is not an option**. Students that miss the Expo will receive a grade "F".

Academic Honesty

The academic community is operated on the basis of honesty, integrity, and fair play. NDSU Policy 335: Code of Academic Responsibility and Conduct applies to cases in which cheating, plagiarism, or other academic misconduct have occurred in an instructional context. Students found guilty of academic misconduct are subject to penalties, up to and possibly including suspension and/or expulsion. Student academic misconduct records are maintained by the Office of Registration and Records. Informational resources about academic honesty for students and instructional staff members can be found at www.ndsu.edu/academichonesty.

Students with special requirements

Any students with disabilities who need accommodations in this course are invited to share these concerns or requests with the instructor and contact the Center for Accessibility and Disability Resources as soon as possible.

Veterans and military personnel
Veterans or military personnel with special circumstances or who are activated are encouraged to notify the instructor as early as possible and are encouraged to provide Activation Orders.

Family Educational Rights and Privacy Act (FERPA)
Your personally identifiable information and educational records as they relate to this course are subject to FERPA.

Important Dates (Full NDSU dates/deadlines can be found here)
Jan 1 Mon HOLIDAY — New Year's Day (offices closed)
Jan 8 Mon Classes begin at 4:00 p.m.
Jan 9 Tue First full day of classes
Jan 15 Mon HOLIDAY — Martin Luther King, Jr. Day (no classes, offices closed)
Jan 16 Tue Last day to be added to Campus Connection Wait Lists
Jan 18 Thu Last day to Add classes via Campus Connection* Permit needed after this date.
Jan 18 Thu Last day for no-record Drop of classes @ 100% refund*(full semester classes only)
Jan 18 Thu Last day to Withdraw to Zero Credits @ 100% refund*(full semester classes only)
Jan 24 Wed Payments due for NDSU account balances
Jan 29 Mon Last day to submit requests to Audit, Pass/Fail
Feb 19 Mon HOLIDAY — Presidents' Day (no classes, offices closed)
Feb 19 Mon Last day to Withdraw to Zero Credits @ 75% refund*full semester classes only)
Mar 4-8 Mon-Fri Spring Break Week (no classes, offices open)
Mar 15 Fri Late fee applied to unpaid account balances (11:59 p.m.)
Mar 21 Thu Last day to Withdraw to Zero Credits @ 50% refund*(full semester classes only)
No refunds issued for withdraw to zero credits after this date.
Mar 29-Apr 1 Fri-Mon HOLIDAY -- Spring Recess (no classes, offices closed Friday, offices open Monday)
Apr 5 Fri Last day to Drop classes with 'W' record*
Apr 5 Fri Last day to Withdraw to Zero Credits for Spring
Apr 15 Mon Late fees applied to unpaid account balances (11:59 p.m.)
Apr 29-May 3 Mon-Fri Dead Week
May 6-10 Mon-Fri Final Examinations
May 11 Sat Commencement ceremony

Field Trips
Field trips may be required for this course or its lab. You will need to be prepared to leave campus and meet at a location or meet for transport to a location. Field trips will be scheduled during regular class hours, however, sometimes they last longer.

Table 3. General Class Schedule

Period	Date	Topic	Unit
1	Dec. 13	1. Officer only meeting	
2	20	2. Officer only meeting	
3	Jan. 10	3. meeting, form deadline	10 pts
4	17	4. meeting, peer review, poster skit	10 pts
5	24	5. meeting, peer review, work	10 pts
6	31	6. meeting, poster deadline, work	
7	Feb. 07	Optional Q and A meeting, posters due deadline	5 pts ex
8	Feb. 09	Optional Q and A meeting	5 pts ex
9	09	Set up	10 pts
10	10	Ag. Tech. Expo. 9:00 am to 4:00 pm, banquet 5:30 pm	50 pts