Agricultural Systems Technology
Program-Level Student Learning Outcomes

- Illustrate interrelationships between various systems of crop and animal production agriculture including modern techniques, machinery, and technology and outline multidisciplinary solutions to given problem situations.

- Analyze and interpret spatial relationships in agricultural fields to determine best practices to increase productivity.

- Integrate concepts and theories used in precision agriculture.

- Select and design appropriate precision application technology to meet specific agricultural needs.

Agricultural Systems Technology
College Core Student Learning Outcomes

- Students will be able to demonstrate knowledge of fundamental concepts in agriculture, including agriculture business/economics, animal science, plant and soil science, and statistics.
  Specific to Intro to AG Bus: Students are expected to demonstrate knowledge of the structure & organization of agribusiness and the principles of microeconomic theory.
- Students will gain appreciation for the agriculture profession by participating in professional development activities.
- Students will demonstrate written and verbal skills for effective communication in agricultural sciences.
- Students will demonstrate critical thinking skills to analyze and synthesize relevant problems in agriculture.