

Agriculture, Food & Natural Resources

Agricultural Technology and Mechanical Systems



BUSINESS & INDUSTRY ENDORSEMENT

The Agricultural Technology and Mechanical Systems program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

Level 1	7000 Principles of Agriculture, Food, and Natural Resources
Level 2	7070 Agricultural Mechanics and Metal Technologies
Level 3	7072/L Agricultural Structures Design and Fabrications/Lab
Level 4	7090 Practicum in Agriculture, Food, and Natural Resources 7496 Independent Study Mentorship

Industry-Based Certifications offered in this Program of Study include:

- AWS D9.1 Sheet Metal