KANSAS CAREER PATHWAYS

AGRICULTURE CAREER CLUSTER DESIGN

Agricultural Technology and Mechanical Systems Pathway

CIP CODE 01.0201

INTRODUCTORY LEVEL

Title	Code	Credit	Special Considerations
Introduction to Agriculture	18001	1	Choose one course 18001 or 68001.
Agriculture Explorations I (Middle School)	68001	0.5	Choose one course 18001 or 68001.
Agriculture Explorations II (Middle School)	68002	0.5	Prerequisite course required; see competency profile. Can not be taught without 68001 in the pathway.

TECHNICAL LEVEL

Title	Code	Credit	Special Considerations
Agriscience	18002	1	
Agricultural Mechanics	18401	1	Choose one course from this section: 18401, 18404, 39207 or 18410.
Agricultural Welding I	18404	1	Choose one course from this section: 18401, 18404, 39207 or 18410. Choose 18404 or 39207, not both.
Welding Processes I	39207	1	Choose one course from this section: 18401, 18404, 39207 or 18410. Choose 18404 or 39207, not both.
Small Power Systems	18410	1	Choose one course from this section: 18401, 18404, 39207 or 18410.

APPLICATION LEVEL

Title	Code	Credit	Special Considerations
Agricultural Internship	18048	1	
Advanced Agricultural Internship	18049	1	
Agribusiness Management	18201	1	
Agricultural Entrepreneurship	18202	1	
Agricultural Leadership & Communications	18203	1	
Research in Agriculture	18206	1	

*Choose **one course** from below for pathway approval.*

Title	Code	Credit	Special Considerations
Advanced Agricultural Mechanics	18402	1	Prerequisite course required; see competency profile.
Agricultural Construction	18403	1	
Agricultural Welding II	18407	1	Choose 18407 or 39208, not both. Prerequisite course required; see competency profile.
Welding Processes II	39208	1	Choose 18407 or 39208, not both. Prerequisite course required; see competency profile.
Agricultural Fabrication	18409	1	
Advanced Agricultural Power	18411	1	Prerequisite course required; see competency profile.
Agricultural Engineering & Technology	18415	1	

APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
   a. Introductory-level course.
   b. Technical-level course.
   c. Application-level course.
4. Supporting documentation includes:
   a. Articulation Agreement(s).
   b. Certification.
   c. Program Improvement Plan.
   d. Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.