AGRICULTURE, FOOD & NATURAL RESOURCES CAREER CLUSTER DESIGN

Agriculture Science Pathway – CIP Code 01.9999

Approved Pathway:

1) Includes minimum of three secondary-level credits.
2) Includes a work-based element.
3) Consists of a sequence: Introductory-level, Technical-level, and Application-level courses.
4) Supporting documentation include Articulation Agreement(s) and a Program of Study.
5) Technical-level and Application-level courses receive .5 state-weighted funding in an approved CTE pathway.

Concentrator Requirement

For a student to be a concentrator, at least 2 of 3 required secondary level credits taken must be a combination of technical and application levels.

INTRODUCTORY LEVEL

Exploratory Agriculture	68001	1 credit
Intro to Agriculture or Intro to Ag Science	18001	1 credit

TECHNICAL LEVEL

Agriscience		18002	1 credit				
Ag. Food Science		18305	1 credit	OR	Food Science	22203	1 credit
Animal Science	✔	18101	1 credit		Horticulture or Horticulture I ✔	18052	1 credit
Prin. of Ag Science-Animal		18108	1 credit		Prin. of Ag Science-Plant	18060	1 credit
Equine Science		18104	1 credit		Plant & Soil Science ✔	18058	1 credit
Plant & Animal Science		18301	1 credit		Biotechnology in Agriculture ✔	18308	1 credit
Energy Resources in Ag		18507	.5 credit		*Accounting	12104	1 credit

APPLICATION LEVEL

Food Science II	18310	1 credit	Small Animal Care	18102	1 credit
Agri. Communications	18205	1 credit	*Agribusiness	18201	1 credit
Research in Agri.	18206	1 credit	Adv. Plant & Animal Science	18311	1 credit
Internship	18048	1 credit	Advanced Internship	18049	1 credit
Supervised Ag Exp.	18050	1 credit	Animal Health/Vet Science	18105	1 credit

Adv. Animal Science or Animal Science II	18107	1 credit
Environmental Science & Natural Resources	18504	1 credit
Environmental Resources & Wildlife Science	18506	1 credit

*Only one of these two courses may be offered in the Pathway

✔ Course is eligible for Regents Qualified Admissions – Natural Science

ALL ONE CREDIT COURSES MAY BE TAUGHT AS TWO .5 CREDIT COURSES.