AGRICULTURE, FOOD & NATURAL RESOURCES CAREER CLUSTER DESIGN

Plant Systems Pathway – CIP Code 01.1101

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 Agriscience	18001	1 credit
Introduction to Floral Design	18004	1 credit

TECHNICAL LEVEL

Agriscience		18002	1 credit	Horticulture or Horticulture I	✔	18052	1 credit
Prin. of Ag. Sci.-Plant		18060	1 credit	Plant & Soil Science	✔	18058	1 credit
Plant Science	✔	18051	1 credit	Soil Science		18055	1 credit
Landscape Design		18065	1 credit	Landscape Science I		18059	2 credits
Turf & Landscape		18062	1 credit	Nursery & Landscape		18067	1 credit
Floriculture & Grhse Mgmt		18057	1 credit	Floriculture & Landscape Des.		18064	1 credit
Floriculture		18063	1 credit	Floral Design I		18066	1 credit
Horticulture or Horticulture I	✔	18052	1 credit	*Accounting		12104	1 credit

APPLICATION LEVEL

Agri. Communications	18205	1 credit	*Agribusiness	18201	1 credit
Internship	18048	1 credit	Advanced Internship	18049	1 credit
Research in Agriculture	18206	1 credit	Supervised Agriculture Exp.	18050	1 credit

Horticulture II or Advanced Horticulture	18053	1 credit
Greenhouse Production & Management	18068	1 credit
Landscape Science II	18061	2 credits
Floral Design II	18069	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.