CONSTRUCTION CAREER CLUSTER DESIGN

Construction and Design Pathway

CIP CODE 46.0000

INTRODUCTORY LEVEL

Title	Code	Credit	Special Considerations
Drafting/Print Reading	21102	0.5	
Production Print Reading I	21108	0.5	
Introduction to Skilled Trades	38001	0.5	Required course for construction strand.

TECHNICAL LEVEL

Design Strand

Title	Code	Credit	Special Considerations
Interior Design I	19263	0.5	Requires FCS License.
Drafting/Architecture I	21103	1	
Drafting/CAD	21107	1	
Architectural Design I	21203	0.5	
Interior Design II	22212	0.5	Requires FCS License. Prerequisite course required; see competency profile.

Construction Strand

Title	Code	Credit	Special Considerations
General Carpentry I	17002	1	
Woodworking Principles	17007	1	
Mechanical/Electrical/Plumbing (MEP) I	17062	0.5	

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.

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APPLICATION LEVEL

Title	Code	Credit	Special Considerations
Workplace Experience in Architecture & Construction	38100	0.5	
Workplace Experience in Architecture & Construction - Comprehensive	38110	1	

Design Strand

Title	Code	Credit	Special Considerations
Research & Design for Preconstruction	21109	1	
Drafting/Architecture II	38050	0.5	Prerequisite course required; see competency profile.
Interior Architectural Design	38212	0.5	
Architectural Design II	38223	0.5	Prerequisite course required; see competency profile.

Construction Strand

Title	Code	Credit	Special Considerations
Sheet Metal Technology	13205	1	Prerequisite course required; see competency profile.
Research & Design in Building Trades	17005	1	Prerequisite course required; see competency profile.
Remodel & Building Maintenance	17009	0.5	Prerequisite course required; see competency profile.
HVAC Technology	17056	0.5	Prerequisite course required; see competency profile.
Plumbing Technology	17058	0.5	Prerequisite course required; see competency profile.
Electrical Technology	17113	0.5	Prerequisite course required; see competency profile.
General Carpentry II	38002	1	Prerequisite course required; see competency profile.
Advanced Materials & Fabrication	38010	1	Prerequisite course required; see competency profile.