

ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER DESIGN

Construction and Design Pathway

CIP CODE 46.0000

INTRODUCTORY LEVEL

Title	Code	Credit
Drafting	21102	0.5
Production Blueprint Reading	21108	0.5
➤ Introduction to Industrial Technology	38001	0.5

APPROVED
PATHWAY:

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

TECHNICAL LEVEL

DESIGN STRAND

Title	Code	Credit
◆ Interior Design I	19263	0.5
Architecture Design	21103	1
Drafting/CAD	21107	1
◆ Interior Design II	22212	0.5

CONSTRUCTION STRAND

Title	Code	Credit
Carpentry	17002	1
Woodworking Principles	17007	1
Skilled Mechanical Crafts	17062	0.5

APPLICATION LEVEL

DESIGN STRAND

Title	Code	Credit
Research and Design for Preconstruction	21109	1
Advanced Studies	38050	0.5
Workplace Experience in Architecture and Construction	38100	0.5
Comprehensive Workplace Experience in Architecture and Construction	38110	1
Interior Architectural Design	38212	0.5

CONSTRUCTION STRAND

Title	Code	Credit
# Sheet Metal Technology	13205	0.5
# Research and Design in Building Trades	17005	1
# Remodel and Building Maintenance	17009	0.5
# HVAC Technology	17056	0.5
# Plumbing Technology	17058	0.5
# Pipefitting Technology	17061	1
# Electrical and Security Systems	17113	0.5
# Carpentry II	38002	1
# Furniture and Cabinetry Fabrication	38007	1
# ➤ Advanced Materials Technology	38010	1
Workplace Experience in Architecture and Construction	38100	0.5
Comprehensive Workplace Experience in Architecture and Construction	38110	1

➤ Required course for construction strand.

◆ Requires FACS Licensure.

Has prerequisite(s). Courses comprising a sequence are numbered consecutively. See Competency Profile for details.

➤ Advanced Materials Technology (38010) has prerequisite courses: Woodworking Principles (17007) **AND** Furniture and Cabinetry (38007).