ARCHITECTURE AND CONSTRUCTION CLUSTER

CIP 15.0303 - DESIGN AND PRE-CONSTRUCTION PATHWAY

COMMON COURSE CODES AND COURSE DESCRIPTIONS:

COMMON COURSE CODE	IDENTIFYING TITLE	COURSE DESCRIPTION	PREREQUISITE(S)	COURSE LEVEL
38001- (.5 Credit)	INTRODUCTION TO INDUSTRIAL TECHNOLOGY	An introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.		Introductory
21102- (.5 Credit)	DRAFTING (Architectural & Mechanical)	An introductory course designed to expose students to both architectural and mechanical (technical) drafting skills.		Introductory
21107–(1 Credit)	DRAFTING/CAD	A comprehensive course designed to instruct students in the use of CAD design and software.	Must include this course or 21103 for pathway approval	Technical
21103–(1 Credit)	ARCHITECTURAL DESIGN	A comprehensive course designed to instruct students in the basic skills of architectural design with a particular emphasis on residential and light commercial applications.	Must include this course or 21107 for pathway approval	Technical
17007-(1 Credit)	CABINETMAKING AND FURNITURE DESIGN I	A comprehensive course designed to instruct students in the basic knowledge and skills required for cabinetmaking and furniture design	Must also offer Drafting/CAD and/or Architectural Design	Technical

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17002-(1 Credit)	RESIDENTIAL CARPENTRY I	A comprehensive course designed to instruct students in the basic knowledge and skills required for construction of residential structures.	Must also offer Drafting/CAD and/or Architectural Design	Technical
22212- (.5 Credit)	INTERIOR DESIGN IIb	An application level course designed to instruct students in the skills necessary to design interior spaces that acknowledge client needs, legislated codes, historic, current and future trends, and public policy.	Drafting/CAD OR Architectural Design	Application
38050- (.5 Credit)	ADVANCED STUDIES IN ARCHITECTURAL DESIGN	An advanced level application course covering specific research-based topics in architectural design.	Drafting/CAD OR Architectural Design	Application
21109-(1 Credit)	RESEARCH & DESIGN FOR PRE-CONSTRUCTION	An advanced research and application course covering specific topics in design and pre-construction to include management and “green design” skills.	Drafting/CAD OR Architectural Design	Application