


Career Cluster: Architecture and Construction				Secondary CTE Program: Industrial Education				
Career Cluster Pathway: Drafting (Program # 8725000)				Eligible Recipient: All Students				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES		CAREER AND TECHNICAL EDUCATION COURSES Major Area of Interest:	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
					FINE ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)			
Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org.								
HIGH SCHOOL	9	English I	Algebra or Higher	Earth & Space Science or Biology	World History	9th Grade Transition	Drafting I 872501003	
	10	English II	Geometry or Higher	Biology or Chemistry	Elective	Physical Education	Drafting II 872502003	
	11	English III	Algebra II or Higher	Chemistry or Physics or Physical Science	American History	Foreign Language or Other Elective	Drafting III 872503003	
	12	English IV	Pre-Calculus or Other Math Course	Science Elective or Other Elective	American Government/ Economics	Foreign Language or Other Elective	Drafting IV 872504003	
Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.								
POSTSECONDARY	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S) <u>Architectural Drafting Program # C100200</u> Miami Lakes Educational Center D.A. Dorsey Educational Center Lindsey Hopkins Technical Center <u>Building Construction Technologies</u> D.A. Dorsey Educational Center Robert Morgan Educational Center		COMMUNITY COLLEGE PROGRAM(S) <u>Miami Dade College Associate of Science (AS)</u> Architectural Design and Construction Technology Building Construction Technology Drafting and Design Technology Interior Design Technology			UNIVERSITY PROGRAM(S) <u>GO TO: www.facts.org to find all Florida university programs</u> STEP 1: Click on "Finding a College or Program" STEP 2: Click on "Find a Degree Program" STEP 3: Complete a search by selecting Institution Type, and specifying the Program Area and Degree Level.		
CAREER	SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.)							
	Blueprint Reader Drafting Assistant Structural Engineering Design Drafter		Cartographic Design Drafter Drafting Detailer CADD Drafter CADD Operator			CADD Librarian Architectural Design Drafter Kitchen and Bath Design Drafter		
CREDIT	ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES							
	Secondary to Technical Center (PSAV) <u>Occupational Completion Points</u> Blueprint Reader (A) Drafting Assistant (B) Drafting Detailer (C)		Secondary to College Credit Certificate or Degree <u>Dual Enrollment Opportunities</u> ENC 1101 English Composition I SPC 1017 Fundamentals of Speech Communication PHI 2604 Critical Thinking and Ethics CLP1006 Psychology of Personal Effectiveness MAC 1105 College Algebra CGS 1060 Introduction to Microcomputer Usage ARC 1115 Architectural Communications I ARC 1301 Architectural Design I <u>Miami Dade College Articulated Courses (AS)</u> ARC 1126 – Architectural Drawing I (PORTFOLIO REQUIRED) ARC 2171 – Computer Aided Drafting I (PORTFOLIO REQUIRED)			PSAV/PSV to AAS or AS to BS or BAS Not Applicable		
*Possible Industry Certifications (Students):								
Secondary:		Autodesk Certified User - AutoCAD, Autodesk Certified Associate - AutoCAD, Autodesk Certified Professional - AutoCAD						
Postsecondary:		Autodesk Certified User - AutoCAD, Autodesk Certified Associate - AutoCAD, Autodesk Certified Professional - AutoCAD						