


Career Cluster: Architecture & Construction				CTE Program: Drafting 8725000				
Career Cluster Pathway: Design/ Preconstruction Career Pathway				Industry Certification: AMMDA002, AMDDA003, AMDDA004, AMDDA005				
	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 FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to use flchoices.org to explore careers and postsecondary options. Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9th	English 1 or higher	Algebra 1 or higher	Earth Space Science or Agriscience Foundations	Elective: Intro to Information Tech (on-line)	Physical Education (1credit) (Not required for ACCEL Program)	Drafting 1	
	10th	English 2 or higher	Geometry or higher	Biology	World History	Practical Arts or Fine Arts course (1 credit)	Drafting 2	
	11th	English 3 or higher	Algebra II or higher	Chemistry	American History	Elective	Drafting 3	Other elective course appropriate for student's career and education plan.
	12th	English 4 or higher	Pre-Calculus or Higher	Elective: Drafting	American Gov't & Economics	Elective or Dual Enrollment	Drafting 4	Other elective course appropriate for student's career and education plan.
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)	COMMUNITY or STATE COLLEGE PROGRAM(S)				UNIVERSITY PROGRAM(S)		
		College of Central Florida: <i>Engineering Technology A.S. Degree, Quality Specialization (2298)</i>				FSU, FAMU, UCF, USF: B.S. Industrial Engineering, Mechanical Engineering, Electrical Engineering UF, FAU, FIU, UNF: B.S. Mechanical Engineering, Electrical Engineering B.S. Architecture, B.S. Construction Management		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Blueprint Reader, Drafting Assistant	Construction Manager, General Contractor (with license), Bridges and Buildings Supervisor				Mechanical Engineer, Construction Management, Industrial Engineer		

Articulation and CTE Dual Enrollment Opportunities				
CREDIT	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)		PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
		Secondary Course/Certification Digital Information Technology (8207310) Drafting 1 (8725010) Drafting 2 (8725020) Drafting 3 (8725030) AMDDA002 Certified Apprentice Drafter - Architectural OR AMDDA003 Certified Drafter - Architectural OR AMDDA004 Certified Drafter - Mechanical OR AMDDA005 Certified Apprentice Drafter - Mechanical	College of Central Florida OST1100 Introduction to Word (Elective 3 credits) EGN 1111 Engineering Graphics (3 credits)	
Career and Technical Student Association: SkillsUSA				
Skills USA				
Internship/Work Experience Recommendations:				
Local Manufacturing industries, drafting firms.				
Program of Study Graduation Requirements: http://www.fldoe.org/academics/graduation-requirements/index.shtml				