



**CTE SIX-YEAR PLAN
(Recommended Graduation Plan)**

District/EPISD: Center for Career and Technology
 Career Cluster: **Architecture & Construction/STEM**
 Program of Study: **Architectural and Engineering Design**
<http://www.onetonline.org/link/summary/17-3013.00>

College: El Paso Community College
 Program: **Drafting and Design Technology 16703/CIP 15.1301**
 Plan: **Drafting and Design Technology A.A.S. Degree**

HIGH SCHOOL/SECONDARY					COLLEGE/POSTSECONDARY				
Subject	Freshman	Sophomore	Junior	Senior	Summer Session	Semester I	Semester II	Semester III	Semester IV
English (4)	English I	English II	English 3 PEIMS ENGL 1301 ENGL 1302	English 4 PEIMS ENGL 1301 ENGL 1302				ENGL 1301 Expository English Composition	ENGL 2341 Intro to Literature
Math (4)	Algebra I	Geometry	Algebra II	4 th year of math	MATH 1314 Pre-Calculus I College Algebra & Geometry			MATH 2412 Pre-Calculus II OR Elective	
Science (4)	Biology	Chemistry	Physics	4 th year of science					
Social Studies (4)	World Geography	World History	U.S. History	Government/ Economics GOVT 2305 GOVT 2306					GOVT 2305 American Government & Politics
Phys Educ (1.5) Health (.5)	Physical Education	Physical Education Health							
Speech (0.5) Fine Arts (1)			Fine Arts	Communication Applications				SPCH 1315 Fundamentals of Effective Speech OR SPCH 1318 Inter- personal Communication	
Languages (2)	Foreign Language I	Foreign Language II							
Electives			Advanced Engineering Design & Presentation DFTG 1409	Advanced Architectural Design DFTG 1417 or DFTG 1433 DFTG 2432	DFTG 1409 Basic Computer- Aided Drafting CIP 15.1302	ARCE 1452 Structural Drafting DFTG 1417 Architectural Drafting – Residential CIP 15.1303 or DFTG 1433 Mechanical Drawing DFTG 2432 Advanced Computer-Aided Drafting	DFTG 2421 Topographical Drafting DFTG 2440 Solid Modeling Design DFTG 2450 Geometric Dimensioning & Tolerance	ARCE 2452 Mechanical & Electrical Systems DFTG 2428 Architectural Drawing – Commercial	ARCE 2444 Statics & Strength of Materials DFTG 2380 Co-Op Ed – Drafting & Design Technician/Technician, General I

Total possible college credits completed in high school = 24 college credits

El Paso County Community College District does not discriminate on the basis of race, color, national origin, religion, gender, age or disability. **Funding for the CTE Recruitment Program was provided through the Texas Higher Education Coordinating Board with funds received from the Carl D. Perkins Career and Technical Education Improvement Act of 2006. *See your individual campus counselor for information on articulated or dual credit availability.***Refer to Catalog Degree Requirements for Graduation. **Revised 03/2012**