

P-TECH 4-Year Plan Computer-Aided Design & Drafting

ISD:	Duncanville ISD	College:	Mountain View College	Dallas College Catalog Year: 2020-2021
ECHS:	Duncanville High School	Career Path:	4YR Plan	
HS Plan:	Foundation with Endorsement or Distinguished	Pathway:	Computer-Aided Design and Drafting AAS	
Endorsement:	Business & Industry	Certificates:	Computer Aided Design Operator Cert Architectural Drafting Cert	

HIGH SCHOOL COURSES			
9 th	10 th	11 th	12 th
English I	English II	English III	Advanced Math Credit*
Algebra I or Geometry *	Geometry or Algebra II *	U.S. History	Advanced Science Credit*
World Geography or AP Human Geography *	World History	Advanced Science Credit*	U.S. Government
Biology	IPC, Chemistry or Physics	Spanish II	Economics
Health/PE	Spanish I		
Principles of Architecture Dual Credit	Architectural Design I Dual Credit	Advanced Architectural Design II Dual Credit	Practicum in Architectural Design Dual Credit

COLLEGE COURSES							
U	ARCE 1421 – Architectural Illustration (4 CR)	F	DFTG 1409 – Basic Computer-Aided Drafting (4 CR)	F	MATH 1314 – College Algebra (3 CR)	F	ENGL 1301 – English Composition I (3 CR)
		F	PSYC 2301 – General Psychology (3 CR)	F	DCCCD: Appreciation of Art: Music, Theatre, Dance (3 CR)	F	DFTG 2431 - Advanced Technologies in Architectural Design & Drafting (4 CR)
		F	ITSC 1401 – Introduction to Computers (4 CR))	F	DFTG 1417 – Architectural Drafting (4 CR)	S	DFTG 2321 – Topographical Drafting (3 CR)
		S	DFTG 1445 – Parametric Modeling & Design (4 CR)	S	DFTG 2419 – Intermediate Computer Aided Drafting (4 CR)	S	DFTG 2428 – Architectural Drafting – Commercial (4 CR)
		S	SPCH 1311 – Intro to Speech Communication (3 CR)	S	Math 1316 – Plane Trigonometry (3 CR)	S	ENGL 1302 – English Composition II (3 CR)
		S	DFTG 1315 – Architectural Blueprint Reading (3 CR)	U	DFT 2380 - Cooperative Education-Drafting & Design Technology/ Technician, General (3 CR)	S	DFTG 2438 - Final Project- Advanced Drafting (4 CR)
Y1	4 credit hrs	Y2	21 credit hrs	Y3	20 credit hrs	Y4	21 credit hrs
AA/AS/AAS = 60 credit hours						Total:	66 credit hrs

* See counselor/advisor for placement.

F = fall, S = spring, U = summer

Is this Pathway stackable: Yes X No ___

Certificate and degree course information is based on the [2020-2021 DCCCD](#) catalog. Programs may be revised during the academic year. Please access our [official catalog for the official and most current degree and certificate information.](#)