

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

ISD:	Duncanville ISD	College:	Mountain View College	DCCCD Catalog Year: 2019-2020
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 (C1) CAD Advanced Operator Cert (Level II) (C2) Architectural Drafting Cert (C3)	

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 *	US History	Advanced Science Credit*
World Geography or AP Human Geography *	World History*	Advanced Science Credit*	U.S. Government
Biology	IPC, Chemistry or Physics	Advanced Architectural Design II Dual Credit	Economics
Spanish I	Spanish II		Practicum in Architectural Design Dual Credit
Health/PE	Fine Arts		
Principles of Architecture Dual Credit	Architectural Design I Dual Credit		

College Courses

S	ARCE 1421 – Architectural Illustration (C1, C2, C3, AAS) OR DFTG 1405 – Technical Drafting (C1, C2, AAS)	F	DFTG 1409 – Basic Computer-Aided Drafting (C1, C2, C3, AAS)	F	MATH 1314 – College Algebra (C2, AAS)	F	ENGL 1301 – English Composition I (C2, AAS)
S	ITSC 1401 – Introduction to Computers (AAS)	F	PSYC 2301 – General Psychology (AAS)	F	DCCCD: Appreciation of Art: Music, Theatre, Dance (AAS)	F	DFTG 2431 – Advanced Technologies (C2 elec, C3, AAS elec)
		S	DFTG 1445 – Parametric Modeling and Design (C1 elec, C2, C3, AAS)	F	DFTG 1417 – Architectural Drafting (C2, C3, AAS)	F	ENGL 1302 – English Composition II
		S	SPCH 1311 – Intro to Speech Communication (AAS)	S	Math 1316 – Plane Trigonometry	S	DFTG 2321 – Topographical Drafting (C3, AAS)
		S	DFTG 1315 – Architectural Blueprint Reading (C1,C2, C3, AAS)	S	DFTG 2419 – Intermediate Computer Aided Drafting (C1, C2, AAS)	S	DFTG 2428 – Architectural Drafting – Commercial (C2, C3, AAS)
				U	DFTG 2380 – Cooperative Education – Technology/Technician (C2 elec, AAS elec)	S	DFTG 2432 – Advance Computer Aided (C2, AAS)
Y1	8 credit hrs	Y2	17 credit hrs	Y3	20 credit hrs	Y4	21 credit hrs
AS = 60 credit hours						Total:	66 credit hrs

* See counselor/advisor for placement.

Courses in red are NOT part of the Associate's degree.

F = fall, S = spring, U = summer

Is this Pathway stackable: Yes_X_ No__

C1= Cert I / C2= Cert II / C3= Cert III / AAS= Associate Applied Science