

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:	CAD Advanced Operator Certificate (Level II)	

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	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 (4 cr)	F	DFTG 1409 – Basic Computer-Aided Drafting (4 cr)	F	MATH 1314 – College Algebra (3 cr)	F	ENGL 1301 – Composition I (3 cr)
		S	DFTG 1445 – Parametric Modeling & Design (4 cr)	F	DFTG 1417 – Architectural Drafting-Residential (4 cr)	F	DFTG 2431 – Advanced Technologies in Architectural Design & Drafting (4 cr)
		S	DFTG 1315 – Architectural Blueprint Reading (3 cr)	S	Math 1316 – Plane Trigonometry (3 cr)	S	ENGL 1302 – Composition II (3 cr)
				S	DFTG 2419 – Intermediate Computer-Aided Drafting (4 cr)	S	DFTG 2428 – Architectural Drafting-Commercial (4 cr)
				U	DFTG 2380 – Cooperative Education-Drafting & Design Technology/Technician (3 cr)	S	DFTG 2432 – Advanced Computer-Aided Drafting (4 cr)
Y1	4 credit hrs	Y2	11 credit hrs	Y3	17 credit hrs	Y4	18 credit hrs
AS = 60 credit hours				Total:		50 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