



DATA Proud TR Strong

Design And Technology Academy at Roosevelt High School Elective Pathways



www.neisd.net/datahs



DATA Pathway Cluster	Arts, A/V Technology and Communications		Architecture and Construction	Science, Technology, Engineering, and Mathematics	Information Technology	Arts, A/V Technology and Communications	Design & Arts
	Design & Multimedia Arts		Architectural Design	Programming and Software Development	Web Development	Digital Communications	
	(3D Animation)	(Video Game Design)	(Architecture)	(Computer Science)	(Technology Applications)	(Video Production)	
LEVEL 1	6656 Principles of Art, Audio/Video Technology, and Communications**		6647 Principles of Architecture**	3005 Computer Science I Honors	Principles of Information Technology	6656 Principles of Art, Audio/Video Technology, and Communication**	5512 Art I Honors
	6700 Video Game Design						
LEVEL 2	6711 Animation I	3037 Game Programming and Design	8245 Architectural Design	3007 AP Computer Science Principles	Computer Programming I	6731 Audio Video Production	5571 Art II Photography Honors 5572 Digital Art & Media II
	6713/6714 Animation II/Lab	Advanced Video Game Programming	8246 Architectural Design II and Lab (2 credits)	3006 Computer Science II Honors	3031 Web Design	6741/6742 Audio Video Production II/Lab	5573 Digital Art & Media III
3036 3-D Modeling and Animation	3010 AP Computer Science A			5501 AP Studio Art 2D Design			
LEVEL 4	6760 Practicum in Animation (Internship)		8247 Practicum in Architecture (Internship)	6698 Practicum in Information Technology (Internship)	Practicum in Information Technology	6761 Practicum in Video Production (Internship)	5449 AP Studio Art 3D Design
			Project Based Research	6761 Practicum in A/V Production (Internship)	Project Based Research		
CERTIFICATION OPTIONS	Adobe Certified Associate Certifications	Unity Certified User Certifications: Artist and VR Developer Programmer	Autodesk Certified Professional or User in AutoCAD	Microsoft	Oracle Certified Associate Java SE 8	Apple Final Cut Pro X	Adobe Certified Associate – Photoshop
	Adobe Photoshop After Effects		Autodesk Certified Professional or User in AutoCAD Civil 3D		We Certified Web Design Certification	Apple Logic Pro X	Adobe Certified Associate – Premier Pro
	Autodesk MAYA		Autodesk Certified Professional or User in Autodesk Revit Architecture		Microsoft Technology Associate Introduction to Programming Certifications App Development with Swift Certification Level 1	Adobe Certified Associate Premiere Pro Adobe Certified Associate Certifications	Adobe Certified Associate – Illustrator
Programs used: Unity/Maya/Unreal		Programs used: Sketch-up/Revit/Auto-CAD	Programs Used: Java/Python	Programs used: Photoshop, Premier, Illustrator	Programs Used: Unity/Maya	Programs Used: Final cut pro, Adobe, Creative Suite, iMovie, Premier, Photoshop, Illustrator	

** course offered at DATA Middle as well as DATA High School

Inspiring Tomorrow's Innovators, Today!