

Huffman ISD Endorsement Pathways					
Endorsement	Cluster Level	Pathway Level			
Business & Industry	Agriculture, Food & Natural Resources Animal Science Ag Mechanics All Agriculture Certifications (American Meat Science Certification) (Equine Certification) (Hunters, Boaters & Anglers Safety Certification) (Principles of Livestock Selection Certification) (Texas Master Florist) (OSHA Safety Certification) (Welding Certification)	9	Principles of Agriculture, Food and Natural Resources (1)		
		10	Livestock Production (1)		
		11	Veterinary Medical Applications (1)		
		12	Advanced Animal Science (1)		
		9	Principles of Agriculture, Food and Natural Resources (1)		
		10	Agricultural Mechanics and Metal Technologies (1)		
		11	Agricultural Structures Design and Fabrication (2)		
		12	Practicum in AFNR (2)		
		Other Agriculture Classes		10-12	Wildlife, Fisheries, and Ecology Management (1)
				10-12	Floral Design (1)
				12	Mathematical Applications in AFNR (1)
		Construction Certifications (NCCER-Carpentry Fundamentals, Level One) (OSHA Safety Certification)	9	Principles of Construction (1)	
	10		Construction Management I (2)		
	11		Construction Management II (2)		
	12		Practicum in Construction Management (2)		
	Business Management & Administration	9	Principles of Business, Marketing, & Finance (1)		
		10	Business Management (1)		
		11	Business Law (1)		
	Finance	12	Business English (1)		
		9	Principles of Business, Marketing, Finance (1)		
		10	Money Matters (1)		
		11	Accounting I (1)		
	Hospitality & Tourism (OSHA Safety Certification) (Food Handlers Certification) (Food Protection Manager Certification)	12	Accounting II (1)		
		10	Introduction to Culinary Arts (1)		
		11	Advanced Culinary Arts (2)		
		12	Practicum in Culinary Arts (2)		
	Public Services	Education & Training	9	Principles of Education & Training (1)	
			10	Child Development (1)	
11			Instructional Practices (2)		
12			Practicum in Education and Training (2)		
Health Science (Clinical Medical Assistant Certification) (Phlebotomy Certification)		10	Principles of Health Science (1)		
		11	Health Science Theory (1)		
		11	Health Science Theory w/Clinical (2)		
		12	Practicum in Health Science (2)		
Other Health Science Class		11-12	Anatomy & Physiology (1)		
Cosmetology		11	Cosmetology I (2) (class offered at Lee College)		
		12	Cosmetology II (2) (classes offered at Lee College)		
Law, Public Safety, Corrections & Security		9	Principles of Law, Public Safety, Corrections & Security (1)		
		10	Law Enforcement I (1)		
		11	Law Enforcement II (1)		
		11-12	Forensic Science (1)		
JROTC		9-12	Any four JROTC credits		
Arts & Humanities	Arts, A/V Technology & Communications Graphic Design	9	Principles of Art, Audio Video Technology and Communications (1)		
		10	Graphic Design & Illustration I (1)		
		11	Graphic Design & Illustration II (1)		
		12	Video Game Design (1)		
	Video Production	9	Principles of Art, Audio Video Technology and Communications (1)		
		10	Audio Video Production (1)		
		11	Digital Audio Technology I (1)		
		12	Digital Audio Technology II (1)		
	Other Technology Class		9-12	Principles of Information Technology (1)	
	Fine Arts	9-12	Any four Art credits		
		9-12	Any four Choir credits		
		9-12	Any four Theatre credits		
		9-12	Any four Dance/Drill credits		
		9-12	Any four Band credits		
		9-12	Any four Spanish credits		
	Foreign Language	9-12	American Sign Language I, II (plus an additional two Spanish credits)		
		9	World Geography (1)		
	Social Studies	10	World History (1)		
		11	US History (1)		
		12	Economics (1/2) / Government (1/2)		
11-12		Pre-AP Psychology (1/2) / AP Psychology (1/2)			
11-12		AP European History			

* You must complete four credits in a pathway to earn the endorsement.

**Most courses are worth 1 credit; the numbers of credits is written in parentheses to the right of the course.

STEM (must complete Algebra II, Chemistry and	Science (must complete Chemistry, Physics and two additional advanced science courses)	9	IPC or Biology PreAP (1)	
		10	Biology/PreAP (if taken IPC) (1)	
		10	IPC (if taken Biology) (1)	
		10-12	Chemistry (1)	
		10-12	Physics (1)	
		11-12	Aquatic Science (1)	
		11-12	Astronomy (1)	
		11-12	Environmental Systems (1)	
		11-12	AP Biology (1)	
		11-12	AP Chemistry (1)	
		11-12	AP Environmental Science (1)	
		11-12	AP Physics I (1)	
		11-12	AP Physics II (1)	
		11-12	AP Physics C (1)	
		11-12	Anatomy and Physiology (1)	
		11-12	Forensic Science (1)	
		11-12	Advanced Animal Science (1)	
		11-12	Engineering Design & Problem Solving (1)	
		Technology	9-12	Principles of Information Technology (1)
			9-10	Fundamentals of Computer Science (1)
			10	Computer Science I (1)
			11	Computer Science II (1)
	Engineering	12	Web Technologies (1)	
		9	Principles of Applied Engineering (1)	
		10	Robotics I (1)	
		11	Robotics II (1)	
	Mathematics (must complete two additional advanced courses with Algebra II as a pre-req)	12	Engineering Design and Problem Solving (1)	
		9-10	Algebra I (with lab) (2)	
9-10		Algebra I Pre-AP (1)		
9-10		Geometry (1)		
9-10		Geometry Pre-AP (1)		
11-12		Algebra II (1)		
11-12		Pre-Calculus (1)		
11-12		AP Calculus AB (1)		
11-12		Independent Study of Mathematics (Algebra III) (1)		
12		Math Applications in Agriculture (1)		
12	Algebraic Reasoning (1)			
12	Dual College Algebra (as 5th math or concurrent) (1)			
Multidisciplinary Studies	Multidisciplinary Studies	Four advanced course that prepare a student to enter the workforce successfully or post secondary education without remediation from within one or more endorsement areas that are not in a coherent sequence.		
		Four credits in each of the foundation subject areas to include English IV and Chemistry and/or Physics.		
		Four credits in advanced placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.		

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