

Brownwood High School Endorsements Course Levels

Endorsement	Sequence/Pathway	Level 1	Level 2	Level 3	Level 4	Certifications
STEM (Science, Technology, Engineering & Math)	Science Option	Biology /Biology Pre AP	Chemistry/ Chemistry Pre AP	Physics/OnRamps Physics	Two additional science courses (e)(6)	
	Math Option	Algebra 1/Alg 1 Pre AP or Geometry/Pre AP Geometry	Geometry/Pre AP Geometry or Alg II/Pre AP Alg II	Alg II/ Alg OnRamps or PreCal/ PreCal OnRamps	Two additional mathematics courses for which Algebra II is a prerequisite	
	Programming and Software Development	Fundamentals of Computer Science	Computer Science 2	Mobile Application Development/Evolving/Emerging Technologies	Computer Science 3	MTA-Introduction to Programming Using Java
		Computer Science 1 Prereq: 8th Grade Algebra 1	Computer Science 2	Mobile Application Development/Evolving/Emerging Technologies	Computer Science 3	
Business & Industry	Plant Science	Principles of Agriculture, Food, and Natural Resources	Floral Design	Greenhouse Operations and Production	Advanced Plant Soil Science	TSFA Floral Skills, TSFA Level one, and TSFA Level two
	Animal Science	Principles of Agriculture, Food, and Natural Resources	Small Animal Management and Equine Science	Livestock Production	Advanced Animal Science	OSHA 30 Certification
	Digital Communications	Principles of Art, Audio Video Tech & Communications	Audio Video Production I	Audio Video Production II	Practicum of Audio/Video	Adobe Certified Associate Premiere Pro
	Design & Multimedia Arts	Principles of Art, Audio Video Tech & Communications	Commercial Photography I	Commercial Photography II	Career Prep	Adobe Certified Associate in Photoshop
	Business Management	Business Information Management I	Business Information Management I	Business Management	Career Prep	A*S*K Fundamental Business Concepts; (MOS)-Excel Expert; (MOS)-Word Expert
	Accounting and Financial Services	Business Information Management I	Accounting I	Accounting II	Career Prep	
	Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Food Science or Career Prep	Pre-Professional Certification in Culinary Arts Certification; ServSafe
	Welding	Introduction to Welding	Welding 1	Welding 2	Career Prep	AWS D1.1 Certification AWS D9.1 Certification
	Architectural Design	Principles of Architecture	Architectural Design I	Architectural Design II	Career Prep	OSHA 30 Construction Certification
	Automotive	Principles of Transportation Systems	Automotive Basics	Automotive Technology I: Maintenance and Light Repair	Automotive Technology 2: Automotive Service	OSHA 30 Certification; ASE Entry-Level Certification: Engine Repair (ER); Automatic Transmission/Transaxle (AT); Brakes (BR); Electronic/Electrical Systems (EE); Heating and A/C (AC); Manual Drive Train and Axles (MD); Mechanical and Electrical Components (ME)
Public Service	Teaching and Training	Principles of Education and Training	Human Growth and Development	Instructional Practices	Practicum in Education and Training	CPR
	Healthcare Therapeutic	Principles of Health Science	Medical Terminology	Anatomy and Physiology	Pathophysiology	Pharmacy Technician or Certified Nurse Aide/Assistance Certification; NCHSE ; CPR
		Principles of Health Science	Medical Terminology	Health Science Theory	Practicum in Health Science-CNA or Practicum in Health Science- Pharmacy Tech	
		Principles of Health Science	Medical Terminology	Health Science Theory-Health Science Clinical	Practicum in Health Science-CNA or Practicum in Health Science- Pharmacy Tech	
Arts & Humanities	Fine Arts	Any first year fine art including Art, Band, Choir, or Theater	Fine Art Year 2	Fine Arts Year 3	Fine Arts Year 4	
	Foreign Language	Four levels of the same language; or two levels of the same language and two levels of a different language				
	Social Studies	5 Social Studies Classes				
Multidisciplinary Studies	Four advanced courses within one endorsement area or among endorsement areas but not in a coherent sequence.					
	Four credits in each of the four foundation subjects (Must include English IV, Chemistry, Physics)					
	Four credits in advanced placement or dual credit courses. The four credits in AP and/or DC must include courses in English, Math, Science, Social Studies, Economics, LOTE or Fine Arts					