

Sherman ISD Endorsements

	Description	Option 1	Option 2	Option 3																		
Business & Industry	The Business and Industry Endorsement incorporates a large number of career paths and student interests. Possible career interest areas for exploration in the Business & Industry Endorsement may include: animation, architecture, business management, game design, culinary arts, restaurant management, database management, broadcasting, television production, fashion designer, information technology, communications, accounting, finance, marketing, graphic design, construction, welding, agricultural mechanics, and veterinary medicine.	Career & Technical Education (CTE) Students earn a coherent sequence of 4 or more CTE credits consisting of at least 2 courses in the same career cluster that lead to a final course in the same career cluster. At least 1 course must be an advanced CTE course (11th or 12th grade). Business & Industry pathways include: <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">*Agricultural Mechanics</td> <td style="width: 33%;">*Computer Technology</td> <td style="width: 33%;">*Industrial Maintenance</td> </tr> <tr> <td>*Animation</td> <td>*Cybersecurity</td> <td>*Marketing & Entrepreneurship</td> </tr> <tr> <td>*Architecture/Construction</td> <td>*Culinary Arts</td> <td>*Manufacturing</td> </tr> <tr> <td>*Audio Video Production</td> <td>*Fashion Design</td> <td>*Animal Science/Vet Medicine</td> </tr> <tr> <td>*Business Management</td> <td>*Finance</td> <td>*Welding</td> </tr> <tr> <td></td> <td>*Graphic Design</td> <td></td> </tr> </table>			*Agricultural Mechanics	*Computer Technology	*Industrial Maintenance	*Animation	*Cybersecurity	*Marketing & Entrepreneurship	*Architecture/Construction	*Culinary Arts	*Manufacturing	*Audio Video Production	*Fashion Design	*Animal Science/Vet Medicine	*Business Management	*Finance	*Welding		*Graphic Design	
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Public Services	Within the education area, students may be interested in exploring career fields such as teacher, athletic trainer, principal, college professor, school psychologist, diagnostician, or counselor. Health Science careers include careers such as a nurse, physician's assistant, hospital administrator, nutritionist, pharmacist, emergency medical technician, etc. Law Enforcement and Public Safety includes careers such as mediator, law clerk, paralegal, police officer, detective, security guard, criminal investigator, bailiff, & fish and game warden.	Career & Technical Education (CTE) Students earn a coherent sequence of 4 or more CTE credits consisting of at least 2 courses in the same career cluster that lead to a final course in the same career cluster. At least 1 course must be an advanced CTE course (11th or 12th grade). Public service pathways include: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">*Cosmetology</td> <td style="width: 50%;">*Health Science - Clinical Care</td> </tr> <tr> <td>*Education & Training</td> <td>*Health Science - Pharmacy Tech</td> </tr> <tr> <td>*Law & Public Safety</td> <td>*Health Science - Personal Care</td> </tr> </table>			*Cosmetology	*Health Science - Clinical Care	*Education & Training	*Health Science - Pharmacy Tech	*Law & Public Safety	*Health Science - Personal Care												
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STEM	The STEM endorsement (Science, Technology, Engineering, & Math) may be the right pathway for a student interested in exploring career fields such as a biochemistry, bioengineering, civil engineering, electrical engineering, medical science and/or research, mechanical engineering, chemical engineering, environmental engineering, physics, robotic engineering, biomedical engineering, computer programming or cyber security.	Career & Technical Education (CTE) Students earn a coherent sequence of 4 or more CTE credits consisting of at least 2 courses in the same career cluster that lead to a final course in the STEM cluster. At least 1 course must be an advanced CTE course (11th or 12th grade). <ul style="list-style-type: none"> *Engineering *Robotics *OR students earn a coherent sequence of 4 credits in the Computer Science pathway 	Math Students take Algebra 1, Geometry, Algebra 2 AND 2 of the following courses for which <ul style="list-style-type: none"> *Pre-Calculus *Pre-AP Pre-Calculus *AP Calculus AB or BC *Advanced Quantitative Reasoning (AQR) *College Algebra & College Statistics *Accounting II *Robotics II *Statistics & Business Decision Making 	Science Students take Biology, Chemistry, Physics AND 2 or the following courses: <ul style="list-style-type: none"> *AP Biology *AP Chemistry *AP Physics 2 or C *AP Environmental Science *Advanced Animal Science *Engineering Design & Problem Solving *Food Science *Forensic Science *Anatomy & Physiology *Medical Microbiology *Pathophysiology 																		
Arts & Humanities	The humanities offer students an opportunity to study ancient and modern literature, history, language and culture. These courses allow students an opportunity to explore and understand how other cultures live. Students interested in the performing arts of music and theatre, as well as the visual arts, may find this endorsement suitable for them. Possible career paths and interest areas for students pursuing an Arts and Humanities endorsement include courses related to: Political Science, World Languages, Cultural Studies, English Literature, History, and Fine Arts.	Social Studies Students earn 5 credits in social studies.	Foreign Language Students take 4 levels of the same foreign language OR students take 2 levels of one foreign language AND 2 levels of a different foreign language for a total of 4 credits	Fine Arts Students earn 4 credits in the same fine arts area OR Students take 2 levels of one fine arts area AND 2 levels in a different fine arts area for a total of 4 credits																		
Multidisciplinary	Students who are undecided on which pathway/ endorsement they wish to pursue can choose the Multidisciplinary endorsement. This allows students to take a variety of courses during high school as long as they complete four years of Math, Science, English, & Social Studies. With this endorsement, students may select from any of the 9th grade elective options to take during their Freshman year. All career pathways identified in all cluster and endorsement areas would fall into the multidisciplinary endorsement area.	Four by Four (4x4) Students take 4 courses in each of the four content areas. <ul style="list-style-type: none"> *4 English credits to include English 4 *4 Math credits *4 Science credits to include Biology and Chemistry and/or Physics *4 Social Studies credits 	Advanced Courses Students earn a total of 4 credits from Advanced Placement (AP) courses or Dual Credit (DC) courses in English, Math, Science, Social Studies, Foreign Language, or Fine Arts.	CTE Students earn 4 credits of advanced courses that prepare them to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas not in a coherent sequence.																		

Endorsements may be earned in a combination and in variety of ways. Please see your school counselor for more information.