

**BOERNE ISD CAREER & TECHNICAL EDUCATION  
2017-2018 COHERENT SEQUENCE OF COURSES**

CLUSTER	PATHWAY	COURSE SEQUENCE
<b>Agriculture, Food and Natural Resources</b> Business & Industry <u>Endorsement</u>	<b>Agriculture Mechanics</b>	Principles of Agriculture, Food, and Natural Resources (1 credit) <b>OR</b> Principles of Manufacturing (1 credit) Agriculture Mechanics and Metal Technologies (1 credit) Agriculture Equipment and Design Fabrication & Lab (2 credits) Practicum in Agriculture, Food and Natural Resources^ (2 credits)
	<b>Animal Science</b>	Principles of Agriculture, Food, and Natural Resources (1 credit) Livestock Production (1 credit) <b>OR</b> Equine Science (0.5 credit) <b>AND</b> Small Animal Management (0.5 credit) Veterinary Medical Applications (1 credit) Advanced Animal Science (1 credit)
	<b>Plant Science</b>	Principles of Agriculture, Food, and Natural Resources (1 credit) Horticultural Science (1 credit) <i>2018-2019: Additional Plant Science Course(s) TBD</i>
<b>Architecture and Construction</b> Business & Industry <u>Endorsement</u>	<b>Architecture</b>	Principles of Architecture (1 credit) Architectural Design I (1 credit) Architectural Design II (2 credits) Practicum in Architectural Design^ (2 credits)
	<b>Construction</b>	Principles of Construction (1 credit) Construction Management I (2 credits) Construction Managements II (2 credits) Practicum in Construction Management^ (2 credits)
	<b>Interior Design</b>	Principles of Architecture (1 credit) <b>OR</b> Principles of Construction (1 credit) Interior Design I (1 credit) Interior Design II (2 credits) Practicum in Interior Design (2 credits)
<b>Arts, A/V Technology and Communications</b> Business & Industry <u>Endorsement</u>	<b>Animation</b>	Principles of Arts, A/V Technology and Communications (1 credit) Animation I (1 credit) Animation II & Lab (2 credits) Practicum in Animation^ (2 credits)
	<b>Audio/Video Production</b>	Principles of Arts, A/V Technology and Communications (1 credit) Audio/Video Production I (1 credit) Audio/Video Production II & Lab (2 credits) Practicum in Audio/Video Production^ (2 credits)
	<b>Fashion Design</b>	Principles of Arts, A/V Technology and Communications (1 credit) Fashion Design I (1 credit) Fashion Design II & Lab (2 credits) Practicum in Fashion Design^ (2 credits)
	<b>Graphic Design</b>	Principles of Arts, A/V Technology and Communications (1 credit) Graphic Design and Illustration I (1 credit) Graphic Design and Illustration II & Lab (2 credits) Practicum in Graphic Design and Illustration^ (2 credits)
<b>Business Management and Administration</b> Business & Industry <u>Endorsement</u>	<b>Business</b>	Principles of Business, Marketing, and Finance (1 credit) Touch Systems Data Entry (0.5 credit) <b>AND</b> Global Business (0.5 credit) Business Information Management I (1 credit) Business Information Management II & Lab (2 credits) <i>2018-2019: Practicum in Business Management^ (2 credits)</i>

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<b>Education and Training</b> <u>Public Services</u> <u>Endorsement</u>	<b>Education and Training</b>	Principles of Education and Training (1 credit) Human Growth and Development (1 credit) Instructional Practices (2 credits) Practicum in Education and Training^ (2 credits)
<b>Finance</b> <u>Business &amp; Industry</u> <u>Endorsement</u>	<b>Finance</b>	Principles of Business, Marketing, and Finance (1 credit) Money Matters (1 credit) Accounting I (1 credit) Accounting II (1 math credit)
<b>Health Science</b> <u>Public Services</u> <u>Endorsement</u>	<b>Health Science</b>	Principles of Health Science (1 credit) Medical Terminology (1 credit) Health Science Theory & Health Science Clinical (2 credits) Practicum in Health Science^ (2 credits)
<b>Hospitality and Tourism</b> <u>Business &amp; Industry</u> <u>Endorsement</u>	<b>Culinary Arts</b>	Principles of Hospitality and Tourism (1 credit) Introduction to Culinary Arts (1 credit) Culinary Arts (2 credits) Advanced Culinary Arts (2 credits) <i>2018-2019: Practicum in Culinary Arts^ (2 credits)</i>
	<b>Tourism</b>	Principles of Hospitality and Tourism (1 credit) Travel and Tourism (1 credit) Hospitality Services (2 credits) <i>2018-2019: Practicum in Hospitality and Tourism^ (2 credits)</i>
<b>Human Services</b> <u>Public Services</u> <u>Endorsement</u>	<b>Human Services</b>	Principles of Human Services ( 1 credit) <b>OR</b> Principles of Education and Training (1 credit) Child Development (1 credit) Family and Community Services (1 credit) Practicum in Human Services^ (2 credits)
<b>Manufacturing</b> <u>Business &amp; Industry</u> <u>Endorsement</u>	<b>Manufacturing</b>	Principles of Manufacturing ( 1 credit) Welding I (1 credit) Welding II & Lab (2 credits) Practicum in Manufacturing^ (2 credits)
<b>STEM</b> <u>Science, Technology, Engineering, and Mathematics</u> <u>Endorsement</u>	<b>Engineering</b>	Principles of Applied Engineering (1 credit) Engineering Design and Presentation I (1 credit) Engineering Design and Presentation II (2 credits) <i>2018-2019: Practicum in Science, Technology, Engineering and Mathematics^ (2 credits)</i>
<b>Transportation, Distribution and Logistics</b> <u>Business &amp; Industry</u> <u>Endorsement</u>	<b>Automotive</b>	Automotive Basics (Principles course, 1 credit) Automotive Technology I (2 credits) Automotive Technology II (2 credits) Practicum in Transportation Systems^ (2 credits)