

# Waxahachie High School- Career and Technical Education - Program of Study

2025-2026 School Year

Business & Industry Endorsement				
	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course
<b>Agriculture, Food and Natural Resources: Agribusiness</b>	17040: Principles of Agriculture, Food, and Natural Resources	17048: Professional Standards in Agribusiness AND 17209: Professional Communication	17098: Agriculture Leadership and Communication	17049: Agribusiness Management and Marketing OR 17021: Career Preparation (3cr) * +
<b>Agriculture, Food and Natural Resources: Animal Science</b>	17040: Principles of Agriculture, Food, and Natural Resources	17043: Small Animal Management AND 17044: Equine Science	17041: Livestock Production	17045: Veterinary Medical Application* OR 17047: Advanced Animal Science ** OR 17021: Career Preparation (3cr) * +
<b>Agriculture, Food and Natural Resources: Applied Agricultural Engineering</b>	17040: Principles of Agriculture, Food, and Natural Resources	17079: Ag. Mechanics and Metal Technologies	17081/17082: Ag Structures Design and Fabrication (1cr)/Lab (2cr)	17084: Agricultural Equipment Design and Fabrication Lab (2cr) OR 17021: Career Prep (3cr) * +
<b>Agriculture, Food and Natural Resources: Plant Science - Greenhouse Operations Plant Science - Floral Design</b>	17040: Principles of Agriculture, Food, and Natural Resources	17076: Greenhouse Operations and Production OR 17070: Floral Design	17074: Horticulture Science OR 17070: Floral Design OR 17097: Advanced Floral Design *	17021: Career Preparation (3cr) * +
<b>Architecture and Construction: Carpentry</b>	17111: Principles of Construction	17126: Construction Tech I (2cr)	17127: Construction Tech II (2cr)*	17021: Career Preparation (3cr) * +
<b>Arts, Audio Visual Technology and Communication: Digital Communications</b>	17160: Principles of Arts, Audio/Video Technology, and Communications	17169: Audio/Video Production	17171: Audio/Video Production II*	17173: Practicum in Audio/Video Production (2cr)* 17175: Practicum in Audio/Video Production (2cr)* *OR 17021: Career Preparation (3cr)
<b>Arts, Audio Visual Technology and Communication: Design and Multimedia</b>	17160: Principles of Arts, Audio/Video Technology, and Communications	17177: Graphic Design and Illustration I 17185: Commercial Photography* (opt)	17179 Graphic Design and Illustration II* 17185: Commercial Photography* (opt)	17181: Practicum in Graphic Design and Illustration (2cr)* OR 17021: Career Preparation (3cr) *
<b>Business, Marketing and Finance: Business Management</b>	17230: Principles of Business, Marketing, and Finance	17532: Entrepreneurship	17241: Business Management	17246: Practicum in Entrepreneurship (2cr)* OR 17021: Career Preparation (3cr) *
<b>Hospitality and Tourism: Culinary Arts</b>	17363: Intro to Culinary Arts	17364: Culinary Arts (2cr, single block)	17365: Advanced Culinary Arts (2cr)*	17021: Career Preparation (3cr) * +
<b>Human Services: Cosmetology or Barbering</b>		17403: Introduction to Cosmetology (Sophomores ONLY)	17404: Cosmetology I (2cr)* 17409: Barbering I (2cr)*	17405: Cosmetology II (2cr)* 17410: Barbering II (2cr)*
<b>Manufacturing: Welding</b>	17501: Introduction to Welding	17502: Welding I (2cr)^	17503: Welding II (2cr)^	17021: Career Preparation (3cr) * +
<b>Transportation, Distribution, and Logistics: Automotive Basics</b>	17619: Automotive Basics	17620: Automotive Technology I: Maintenance and Light Repair (2cr)^	17621: Automotive Technology II: Automotive Service (2cr)^	17021: Career Preparation (3cr) * +
Public Service Endorsement				
	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course
<b>Education and Training: Teaching and Training</b>	17260: Principles of Education and Training	17261: Human Growth and Development	17262: Instructional Practices in Education (2cr)	17263: Practicum in Education and Training (2cr)* OR 17021: Career Preparation (3cr)*
<b>Exercise Science, Wellness, and Restoration</b>	17345: Principles of Exercise Science & Wellness	17346: Kinesiology I	17347: Kinesiology II*	17021: Career Prep (3cr)
<b>Health Sciences</b>	17320: Principles of Health Science	17321: Medical Terminology	17322: Health Science Theory* OR 17328: Anatomy and Physiology**	17328: Anatomy and Physiology** OR 17329: Medical Microbiology* OR 17332: Pharmacology* OR 17324: Practicum in Health Science (2cr)*
<b>Law and Public Safety: Law Enforcement</b>	17470: Principles of Law, Public Safety, Corrections, and Security	17471: Law Enforcement I – Criminal Investigations^	17472: Law Enforcement II^ OR 17476: Correctional Services^	17473: Forensic Science* OR 17476 Correctional Services^
STEM Endorsement				
	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course
<b>Cybersecurity</b>	17917: Foundations of Cybersecurity	17901: Computer Science I**	17925/17926: AP Computer Science A – Math/LOTE Credit* OR 17433: Networking^	17021: Career Preparation (3cr) *
<b>Engineering</b>	17550: Principles of Applied Engineering	17512: Manufacturing Engineering Technology	17554: Engineering Design & Presentation I**	17555: Engineering Design & Presentation II (2cr, single block)*

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<b>3D Animation and Video Game Design</b>		17532:Entreperneuship 1 (E-Sports 1)	17540:Entreperneuship 2 ( E-Sports 2)*	17246: Practicum in Entrepreneurship (2cr) (Practicum in E-Sports)*
Public Service Endorsement	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course
<b>Education and Training: Teaching and Training</b>	17260: Principles of Education and Training	17261: Human Growth and Development	17262: Instructional Practices in Education (2cr)^	17263: Practicum in Education and Training* (2cr)^
<b>Health Sciences</b>	17320: Principles of Health Science^	17321: Medical Terminology	17322: Health Science Theory* OR 17329: Medical Microbiology*	17330: Pathophysiology OR 17332: Pharmacology OR 17324: Practicum in Health Science (2cr)*

**Additional Senior Elective 17397: Family and Community Service (Human Services)**

STEM Endorsement	1st Course	2nd Course	3rd Course	4th Course
<b>Cybersecurity</b>	17430: Principles of Information Technology^	17431: Computer Maintenance^	17433: Networking^	17443 Practicum of Information Technology^
<b>Engineering</b>	17572: Introduction to Engineering Design	17575: Civil Engineering and Architecture OR 17512: Manufacturing Engineering Technology	17573: Aerospace Engineering OR 17557: AC/DC Electronics OR 17576: Computer Integrated Manufacturing	17577: Engineering Design & Development Capstone

\* *Please see course catalog for state-required prerequisites*

^ *Dual Credit Course (optional)*

## Waxahachie ISD Career & Technical Education - Junior High Course Options

2025-26 School Year

Grade Level	CTE Electives
<b>6th Grade</b>	9149: Technology Applications AND 17231: Touch System Data Entry
<b>7th Grade</b>	9149: Tech Apps 7 AND 17231: Touch System Data Entry 7
<b>8th Grade</b>	17040: Principles of Agriculture, Food and Natural Resources*

17584:PLTW Design/Modeling & Automation & Robotics

17584G: PLTW Computer Science for Innovators and Makers & App Creator \*\*

17584G: PLTW Computer Science for Innovators and Makers & App Creator \*\* or  
17584J: PLTW Flight and Space & Medical Detectives

17029: General Employability Skills\*\*

\*\**High school credit course*

*Revised 12.18.24*