

2023 - 2024 Taylor High School
Course Selection Guide

Section 3 - Programs of Study

Based on the Foundation High School Program, programs of study within a career cluster are intended to provide a helpful guide for the career-related electives in high school that will help prepare students for their career goals. This document is designed for students, parents, counselors, teachers, and administrators to make informed choices about the intended sequences for courses, the required courses for endorsements, and the recommended related courses to take.

Endorsement	Program of Study	Required Coursework			
		Year 1	Year 2	Year 3	Year 4
Business and Industry	Animal Science	Principles of Agriculture, Food, & Natural Resources	Equine Science AND Small Animal Management	Livestock Production	Veterinary Medical App OR Advanced Animal Science
Business & Industry	Automotive	Principles of Transportation Systems	Automotive Basics	Automotive Technology 1	Automotive Technology 2 OR Career Preparation 1
Business and Industry	Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts AND Food Science	Practicum in Culinary Arts OR Career Preparation 1
Business and Industry	Culinary Arts (Dual Credit - TSTC)	Introduction to Culinary Arts	Sanitation & Safety AND Food Service Equipment & Planning	Food Production & Planning AND Nutrition for the Food Service Professional	Practicum in Culinary Arts OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	Cybersecurity	Foundations of Computer Science	Computer Science 1	AP Computer Science A OR AP Computer Science Principles	Practicum in STEM OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	Cybersecurity (Dual Credit - TSTC)	Foundations of Computer Science	Computer Science 1	Personal Computer Hardware AND Fundamentals of Networking	Implementing & Supporting Servers AND Secure Linux Administration
Business & Industry	Diesel & Heavy Equipment	Principles of Transportation Systems	Diesel Equipment Technology 1	Diesel Equipment Technology 2 / Lab (Coming 24 - 25)	Practicum in Transportation Systems (Coming 25 - 26) OR Career Preparation 1
Business and Industry	Digital Communication	Principles of Arts, A/V Technology, & Communication	Audio / Visual Production 1	Audio / Visual Production 2	Practicum of A/V Production
Business and Industry	Design & Multimedia Arts	Principles of Arts, A/V Technology, & Communication	Commercial Photography 1 OR Graphic Design 1	Commercial Photography 1 OR Graphic Design 2	Practicum in Commercial Photography OR Practicum in Graphic

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					Design
Science, Technology, Engineering, & Math (STEM)	Engineering	Principles of Applied Engineering	Engineering Design and Presentation 1	Engineering Design and Presentation 2	Engineering Design and Problem Solving OR Practicum in STEM
Business and Industry	Environmental & Natural Resources	Principles of Agriculture, Food, & Natural Resources	Wildlife, Fisheries, & Ecology Management	Range Ecology Management	Practicum in Agriculture, Food, & Natural Resources
Public Service	Exercise Science & Wellness	Principles of Exercise Science & Wellness	Kinesiology 1	Anatomy and Physiology AND Kinesiology 2	Practicum in Entrepreneurship OR Career Preparation 1
Arts & Humanities	Fine Arts	Art, Band, Choir, Dance, Drill Team, or Theatre 1	Art, Band, Choir, Dance, Drill Team, or Theatre 2	Art, Band, Choir, Dance, Drill Team, or Theatre 3	Art, Band, Choir, Dance, Drill Team, or Theatre 4
Public Service	Healthcare Therapeutic	Principles of Health Science	Medical Terminology	Health Science Theory AND Anatomy & Physiology	Practicum in Health Science
Science, Technology, Engineering, & Math (STEM)	Mathematics	5 total mathematics credits: 3 credits from Algebra 1, Geometry, Algebra 2; 2 additional credits from advanced course offerings			
Business and Industry	Plant Science	Principles of Agriculture, Food, & Natural Resources	Landscape Design AND Tuff Grass Management OR Floral Design	Floral Design OR Horticultural Science	Advanced Plant & Soil Science OR Advanced Floral Design OR Practicum in AFNR
Business and Industry	Plumbing & Pipefitting	Introduction to Welding	Plumbing Technology 1	Plumbing Technology 2	Practicum in Construction Technology (Coming 24 - 25) OR Career Preparation 1
Science, Technology, Engineering, & Math (STEM)	Programming & Software Development	Fundamentals of Computer Science	Computer Science 1	AP Computer Science A OR Computer Science 2	Computer Science 3 OR Practicum in STEM
Science, Technology, Engineering, & Math (STEM)	Science	5 total science credits: 3 credits from Biology, Chemistry, & Physics. 2 additional credits from advanced course offerings			
Arts & Humanities	Social Studies	World Geography	World History	US History	Government / Economics AND Sociology / Psychology
Business and Industry	Welding	Introduction to Welding	Welding 1	Welding 2	Practicum in Manufacturing OR Career Preparation I

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Business and Industry	Welding (Dual Credit - TSTC)	Introduction to Welding	Welding 1	Blueprint Reading AND Intro to Welding in Multiple Processes	Intro to Shield Metal ARC Welding AND Technical Calculations
Arts & Humanities	World Languages	Spanish 1 OR ASL 1	Spanish 2 OR ASL 2	Spanish 3 OR ASL 3	Spanish 4 (AP Spanish) OR ASL 4
Multidisciplinary	Advanced Coursework	4 credits from Advanced Placement coursework OR 4 credits from Dual Credit coursework			