

2023 - 2024 Taylor High School
Course Selection Guide

Transportation, Distribution and Logistics

Sequence	Year 1	Year 2	Year 3	Year 4	Industry Based Certifications
Automotive	Principles of Transportation Systems 1 Credit 13039250	Automotive Basics 1 Credit 13039550	Automotive Technology I: Maintenance and Light Repair 2 Credits 13039600	Automotive Technology II: Automotive Service 2 Credits 13039700	• ASE Entry Level
				OR	
				Practicum in Transportation Systems 2 Credits 13040450	
				OR	
				OPTIONAL: Career Preparation I 3 Credits 12701300	
Diesel and Heavy Equipment	Principles of Transportation Systems 1 Credit 13039250	Diesel Equipment Technology I 1 Credit 13040150	Diesel Equipment Technology II 2 Credits 13040160	Practicum in Transportation Systems 2 Credits 13040450	• ASE Entry Level
				OR	
				OPTIONAL: Career Preparation I 3 Credits 12701300	

Automotive

Principles of Transportation Systems					PRINTRSY	CTE
9 - 12	Program of Study: Automotive	13039550	Length of Course: Year	Credit: 1	GPA Level 1	
Prerequisite(s): None					Fee Required: No	
<p>Description: In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.</p>						
Automotive Basics					AUTOBASC	CTE
9 - 12	Program of Study: Automotive	13039550	Length of Course: Year	Credit: 1	GPA Level 1	
Recommended Prerequisite(s): Principles of Transportation Systems					Fee Required: No	
<p>Description: Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics, students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.</p>						
Automotive Technology I					AUTOTEC1	CTE
9-12	Program of Study: Automotive	13039600	Length of Course: Year	Credit: 2	GPA Level 1	
Recommended Prerequisites: Automotive Basics					Fee Required: No	
<p>Description: Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.</p>						

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833RY	Automotive Technology II			AUTOTEC2	CTE
11 - 12	Program of Study: Automotive	13039700	Length of Course: Year	Credit: 2	GPA Level 1
Prerequisites: Automotive Technology I				Fee Required: No	
<p>Description: Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.</p>					
Diesel/Heavy Equipment					
	Principles of Transportation Systems			PRINTRSY	CTE
9 - 12	Program of Study: Automotive	13039550	Length of Course: Year	Credit: 1	GPA Level 1
Prerequisite(s): None				Fee Required: No	
<p>Description: In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.</p>					
668R	Diesel Equipment Technology I			DIEQTEC1	CTE
9 - 12	Program of Study: Diesel/Heavy Equipment	13040150	Length of Course: Year	Credit: 2	GPA Level 1
Recommended Prerequisite(s): Principles of Transportation Systems				Fee Required: No	
<p>Description: Diesel Equipment Technology I includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems.</p>					
699R	Diesel Equipment Technology II (Available 2023-2024)			DIEQTEC2	CTE
10 - 12	Program of Study: Diesel/Heavy Equipment	13040160	Length of Course: Year	Credit: 2	GPA Level 1
Prerequisite: Diesel Equipment Technology I				Fee Required: No	
<p>Description: Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the advanced knowledge, skills, and technologies required for employment in transportation systems.</p>					
658R	Practicum in Transportation Systems (Available 2024-2025)			PRACTRS1	CTE
11 - 12	Program of Study: Diesel/Heavy Equipment	13040450	Length of Course: Year	Credit: 2	GPA Level 1
Prerequisite: Automotive technology II or Diesel Technology II				Fee Required: No	
<p>Description: Practicum in Transportation Systems is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or work based.</p>					

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661R	Career Preparation I/Extended Career Preparation			EXCAREE1	CTE
11 - 12	Program of Study: All	12701305	Length of Course: Year	Credit: 3	GPA Level 1
Prerequisite: None				Fee Required: No	
<p>Description: Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.</p>					

Taylor ISD offers career and technical education programs in Health Science, Child Development, Transportation, Foods & Nutrition, Culinary, Agriculture/Mechanics, Cooperative Education, Business Information, Commercial Photography, Audio Visual and Criminal Justice. Admission to these programs is open to all students, but some courses may require a prerequisite course. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of Taylor ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Taylor ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Clarissa Rodriguez and/or the Section 504 Coordinator Jodi Witt, at 3101 N. Main, Ste 104, Taylor, TX 76574, 512-365-1391.