

2023 - 2024 Taylor High School
Course Selection Guide

| Manufacturing | | | | | |
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| Sequence | Year 1 | Year 2 | Year 3 | Year 4 | Industry Based Certifications |
| Welding | Introduction to Welding 1 Credit 13032250 | Welding I 2 Credits 3032300 | Welding II 2 Credits 13032400 | Practicum in Manufacturing 2 Credits 13033000 | AWS D1.1 Structural Steel |
| | | | | OPTIONAL: Career Preparation I 3 Credits 12701300 | |
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| Welding (DUAL CREDIT w/ TSTC) | Introduction to Welding 1 Credit 13032250 | Welding I 2 Credits 3032300 | Welding II 2 Credits 13032400 | Practicum in Manufacturing 2 Credits 13033000 | AWS D1.1 Structural Steel |
| | | | | OPTIONAL: Career Preparation I 3 Credits 12701300 | |

| Welding | | | | | |
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| 829R | Introduction to Welding | | INTRWELD | CTE |
| 9 - 12 | Program of Study: Welding | 13032250 | Length of Course: Year | Credit: 1 GPA Level 1 |

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| Prerequisite(s): None | Fee Required: No |
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Description: Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in the welding industry. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

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| 822R | Welding I | | WELD1 | CTE |
| 10-12 | Program of Study: Welding | 13032300 | Length of Course: Year | Credit: 2 GPA Level 1 |

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| Recommended Prerequisites: Algebra I, Introduction to Welding | Fee Required: No |
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Description: Welding I provide the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports the integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

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| 823R | Welding II | | WELD2 | CTE |
| 11-12 | Program of Study: Welding | 13032400 | Length of Course: Year | Credit: 2 GPA Level 1 |

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| Prerequisite: Welding I Recommended Prerequisites: Algebra I or Geometry | Fee Required: No |
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Description: Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills related to personal and career development. Students will integrate academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

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| 691R | Practicum in Manufacturing | | PRACMAN1 | CTE |
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|---|---------------------------|----------|------------------------|------------------|-------------|
| 12 | Program of Study: Welding | 13033000 | Length of Course: Year | Credit: 2 | GPA Level 1 |
| Recommended Prerequisite: Welding II | | | | Fee Required: No | |
| <p>Description: The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.</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.