

7105 Principles of Agriculture, Food & Natural Resources

Credit: 1

Prerequisite: None

Agriculture is not just “cows, sows and plows”. Discover how plant and animal science are a vital part of our lives. Research which laws, regulations, and policies are in place to bring food safely from the field to your table. Learn leadership, record-keeping skills and have the opportunity to raise an animal as a FFA member.

7150C Agricultural Mechanics & Metal Technologies

Credit: 1

Prerequisite: Principles of Agriculture, Food & Natural Resources

Looking for hands-on innovative new ways to learn about welding? Then this is the class for you! In this class you will be introduced to various skills in metal fabrication including oxyacetylene, plasma arc cutting, arc, MIG, and TIG welding applications. Instructor will provide industry standard training. This course can earn college credit based on Articulation agreements, which are subject to change.

7160C Agricultural Structures Design & Fabrication

Credit: 1

Prerequisite: Principles of Agriculture, Food & Natural Resources; Agricultural Mechanics & Metal Technologies recommended

Fine tune your welding skills, while preparing for an industry certification that will make you employable in the real world. Instructor will provide industry standard training and students will work towards AWS certification. This course can earn college credit based on Articulation agreements, which are subject to change.

7181C Welding I

Credit: 2

Prerequisite: Agriculture /Mechanics & Metal Technologies
Here's your next step in your welding pathway. This course is designed to continue to advance your welding skills. Instructor will provide industry standard training and students will work toward AWS certification. This course can earn college credit based on Articulation agreements, which are subject to change.

Welding I – Dual with TSTC Welding Pathway

7181AD (Fall)

7181BD (Spring)

7181WD for Cohort 2022 (Fall)

7181XD for Cohort 2022 (Spring)

Credit: 2

Prerequisite: Agriculture/Mechanics & Metal Technologies.

Student must complete TSTC online application; provide Permit to Register, transcripts, shot record; and attend a meeting with TSTC Academic Advisor. See TSTC for additional enrollment and orientation process requirements. Student must comply with TSTC uniform policy regarding appropriate shop attire. This course is taken as part of TSTC dual credit pathway for Welding Technology. Successful completion will result in TSTC credit. Course will take place at the TSTC campus. Transportation provided. *Not all Dual Credit courses are offered at all campuses. This course is not eligible for semester exam exemptions.

7183C Welding II

Credit: 2

Prerequisite: Welding I

Rapid advances in welding technology and industry demands for skilled employees have created a high need for this career pathway. Learn the technical skills and academic integration to become a successful worker in this industry. Instructor will provide industry standard training and students will work toward AWS certification. This course can earn college credit based on Articulation agreements, which are subject to change.

Welding II – Dual with TSTC Welding Pathway

7183AD (Fall)

7183BD (Spring)

Credit: 2

Prerequisite: Welding I (Dual).

Student must complete TSTC online application; provide Permit to Register, transcripts, shot record; and attend a meeting with TSTC Academic Advisor. See TSTC for additional enrollment and orientation process requirements. Student must comply with TSTC uniform policy regarding appropriate shop attire. This course is taken as part of TSTC dual credit pathway for Welding Technology. Successful completion will result in TSTC credit. Course will take place at the TSTC campus. Transportation provided. *Not all Dual Credit courses are offered at all campuses. This course is not eligible for semester exam exemptions.