**7105 Principles of Agriculture, Food & Natural Resources**

**Credit: 1**

**Prerequisite: None**

Agriculture is not just “cows, sows and plows”. Discover how plant and animal sciences 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 Agriculture Mechanics & Metal Technologies**

**Credit: 1**

**Prerequisite: Principles of Agriculture**

Looking for hands-on, innovative, and 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.

**Architectural Design I - Dual 7215SD (Summer School TSTC)**

**Credit: 1**

**Prerequisites: Algebra I, English I and Principles of Architecture**

In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes. This course is taken as part of a TSTC dual credit pathway for Precision Machining Technology and is taken at TSTC-Ft. Bend. Student must complete TSTC orientation process.

**Metal Fabrication and Machining I – Dual 7178AD (Fall)**

**Credit: 2**

**Prerequisite: Principles of Architecture Design I Dual See College for requirements.**

This course is taken as part of TSTC dual credit pathway for Precision Machining. Successful completion will result in TSTC credit. Course will take place at the TSTC campus. Transportation provided. Student must complete TSTC orientation process.

**Metal Fabrication and Machining II – Dual 7179BD (Spring) 7179DD (Spring)**

**Credit: 2**

**Prerequisite: Metal Fabrication & Machining I (Dual) See College for requirements.**

This course is taken as part of TSTC dual credit pathway for Precision Machining. Successful completion will result in TSTC credit. Course 58 will take place at the TSTC campus. Transportation provided. Student must complete TSTC orientation process.

**Precision Metal Manufacturing I – Dual 7184AD (Fall) 7184CD (Fall)**

**Credit: 2**

**Prerequisite: Metal Fabrication & Machining II (Dual) See College for requirements.**

This course is taken as part of TSTC dual credit pathway for Precision Machining. Successful completion will result in TSTC credit. Course will take place at the TSTC campus. Transportation provided. Student must complete TSTC orientation process.

**Precision Metal Manufacturing II – Dual 7186BD (Spring) 7186DD (Spring)**

**Credit: 2**

**Prerequisite: Precision Metal Manufacturing I (Dual) See College for requirements.**

This course is taken as part of TSTC dual credit pathway for Precision Machining. Successful completion will result in TSTC credit. Course will take place at the TSTC campus. Transportation provided. Student must complete TSTC orientation process.