



Career & Technical Education Center

A program of The Learning Centers at Fairplex, the Career & Technical Education Center (CTEC) provides semester-long career technical education courses as well as job acquisition training. There is no cost to high school participants and, with a partnership with San Antonio ROP, students receive hours that may be used for elective credits towards high school graduation.

Art, Media and Design

Explore careers in art, media, and design. Learn how to create a portfolio, market artwork, and approach gallery owners and art show organizations. The Ceramic Manufacturing class will introduce you to the methods of throwing, mold-making, decorating, glazing and firing pottery. Classes are held in the Millard Sheets Art Center, located on the Fairplex grounds.

Automotive

Explore a career in the automotive industry. The two-year program introduces you to the necessary hands-on experience to enter the automotive industry. Acquire the basic skills then move on to classes on brakes, engine repair and electrical systems while working in both the classroom, as well as the Alex Xydias & Pete Chapouris Center for Automotive Arts (AXC). The class culminates with the opportunity to complete and receive the Student ASE Certification.

Agriculture

Explore a career in agriculture and natural resources. You will be introduced to concepts in horticulture, food justice, and nutrition. Develop professional skills in cultivation, landscape design, nursery work, and urban growth through hands-on training at the Fairplex's 5-acre farm. Learn the necessary knowledge to growing and sustaining a business as you learn skills in packaging, sales, and order fulfillment in the Urban Farming class.

Energy & Utilities & Water Distribution

New course offering!

Explore a career in the energy and power sector. Learn conventional and emerging principles and concepts of the energy industry. Identify and explore electric power generation, public policy and environmental issues. Investigate alternative fuel technologies, nuclear, and non-nuclear sources. Research methods of energy systems, procurement, transmission, distribution and storage.

Culinary /Hospitality – *New course offering!*

Examine the opportunities and challenges faced by farmers, chefs, and consumers in regards to the Farm to Table movement. Explore the effects on farming and natural resources. Implement farm to table culinary techniques. Experiment with different recipes in preparing food utilizing local seasonal ingredients from the Fairplex's 5-acre farm. The class culminates with the opportunity to receive a Food Handler Certification.

Manufacturing and Welding

New course offering!

Explore a career in welding. Learn the basic welding principles such as materials joining, the materials of welding techniques such as MIG (Gas Metal Arc) Welding and TIG (Gas Tungsten Arc) Welding. The class culminates with the opportunity to complete and receive the basic American Welding Society (AWS) Certification. Students learn in both a classroom setting as well as receive hands-on training in our state-of-the art welding lab.

