Explore Career & Technical Courses in Middle School

Northwest ISD Career & Technical Education

Scan for detailed course info and overview videos

NISDTX.ORG/CTE

6th Grade Elective Course

Intro to Technology Applications
Learn basic technology skills & simple coding.

7th Grade Elective Courses

Lifetime Nutrition & Wellness
Learn about food and nutrition, how to cook healthy meals and living a healthy lifestyle.

Personal Development & Relationships
Learn and practice the essential principles of personal development, decision-making, adulthood, leadership skills and the influences of families, peers, technology, and stress.

7th and/or 8th Grade Elective Courses

Technology Applications
Learn Python coding, use digital tools to solve problems.

Fundamentals of Computer Science
Create interactive games & stories using Python coding. Code a microbit with sensors & lights.

Principles of Applied Engineering
Develop engineering skills using sketching & 3D modeling. Solve problems using creative problem solving.

Robotics 1
Design, build and test robots to solve a problem. Work in teams to code & construct VEX robots.

Medical Terminology
Learn vocabulary & definitions of medical terms. Solve medical mysteries & investigate disease.

8th Grade Elective Courses

Digital Art & Animation
Create computer images and animations with digital imaging software as well as traditional 2D art.

Principles of Human Services
Engage in meaningful projects to learn about real-life skills necessary for a variety of careers that help people.

Professional Communications with Career & College Readiness*
Focus on written, oral, graphic communication and technology applications in a career-based environment. Explore NISD CTE Programs of Study and Advanced Academics high school options. *Required elective for all 8th graders (satisfies a speech graduation requirement).

All courses - except Intro to Technology Applications - are high school credit classes and counted in student's high school GPA.

ASPIRE. ADVANCE. ACHIEVE.