



ARCHITECTURE

PROGRAM OVERVIEW

The Architecture Technology program at Saunders Trades & Technical High School provides students with a comprehensive foundation in architectural design and drafting. The curriculum emphasizes both traditional and modern techniques, equipping students with skills in computer-aided design (CAD) and architectural modeling. Through hands-on projects, students learn to create detailed architectural plans and understand the principles of design, construction, and sustainability. The program also encourages creativity and problem-solving, enabling students to develop their unique design philosophies. In addition to technical skills, the program fosters critical thinking and collaboration, often involving team-based projects that simulate real-world architectural challenges. Students engage with industry professionals through guest lectures and field trips, gaining insights into the architecture field. By the end of the program, graduates are well-prepared for further education in architecture or related fields, or for entry-level positions in the construction and design industry, having built a strong portfolio that showcases their capabilities.

TECHNICAL SKILLS

AutoCAD Drafting, Manual Drafting, 3D Printing, 3D Model Making, Laser Cutting, Blueprint Reading, Rendering, Estimating

CAREER OPPORTUNITIES

Architect, architecture drafting, mechanical drafting, civil designer, civil engineers, estimators, urban planner.

SAUNDERS TRADES & TECHNICAL
HIGH SCHOOL