CAD & DESIGN TECHNOLOGY

CAD and Design Technology is a program for those interested in designing and creating, drawing, house design, product design, 3D computer graphics and working with your hands and mind. This project-based program allows you to gain high- level experience and skills in engineering design and architecture. You will learn how these disciplines interact in the building of products or buildings and communities. Turn ideas into products using the same design, drafting and 3D modeling as professional architects and engineers.
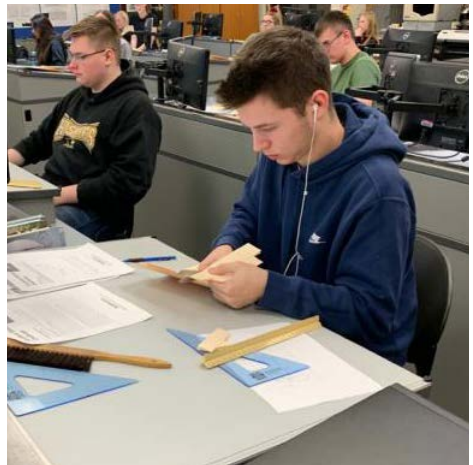
DESIGN PATH OPTIONS
ENGINEERING PATH:
If you choose this path, you will learn the basic and advanced skills common to all engineering careers while learning about different engineering disciplines. Learn to sketch ideas, use 2D and 3D CAD software and 3D printing to examine the results of your designs.

ARCHITECTURAL PATH:
You will learn to read and create blueprints, learn to create architectural sketches, presentation drawings and working drawings for homes and light commercial buildings. See designs come to life through model mock ups and 3D printing.

CERTIFICATIONS
Have the opportunity to earn certifications in AutoCAD, SolidWorks, Revit and other CAD design software programs

LOCATION
St. Johns High School

CAREERS
Drafter/CAD Technician, Engineer, Architect, Landscape Architect, Interior Design, Construction Careers and many more related career opportunities.

ACADEMIC AND TECHNICAL SKILLS
Have good basic math and writing skills, skilled at time management, highly organized, effective in team setting, strong researcher, and a critical thinker.

*YEAR TWO OPTION