



APPLIED ARTS

Freshman Year Opportunities



IT ALL STARTS HERE!

The Applied Arts mission is to provide hands-on, real-world experiences in architecture, design, engineering, technology, automotives, culinary/hospitality, and child development. Students develop essential problem-solving, leadership, and critical-thinking skills by working together to create innovative solutions to real-life challenges. Courses are designed to inspire students on college, career, and exploratory paths.

SPECIALS

COLLEGE DUAL CREDIT IN HIGH SCHOOL

Students who enroll in Intro to Architecture, Intro to Engineering Design, or Intro to Computer Coding can elect to receive college credit. More information is on our webpage.

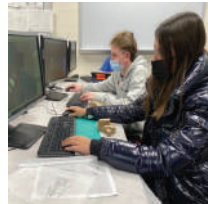


SCALED DOWN VERSION OF THE REAL THING

Courses are innovative, hands-on and provide an experience that mimics, on a smaller scale, the real-world of industry. Create, make, solve, build, analyze and grow in our energetic and engaging studios.

NO HOMEWORK

We do not expect students to have our cutting-edge equipment, software, and kitchens. All projects are completed with energy and enthusiasm in class.



INTRO TO ARCHITECTURE

Think, design and build like an architect. Design houses and other interior and exterior spaces in a true hands-on experience.



INTRO TO COMPUTER CODING & DESIGN TECH

Integrated coding and design studio! Code drones, robots & games. Design using 3d printers and laser cutters.



CREATIVE CUISINE

Cook, bake and enjoy food! Students prepare and eat new recipes daily!



FASHION CONSTRUCTION

Learn garment construction and sewing techniques. Expand your personal style and understanding of textiles.



INTRO TO ENGINEERING

Dig deep into the engineering design process! Problem-solve through the creation of hands-on projects such as toys and other products.



GEOMETRY, DESIGN & CONSTRUCTION

Math is used in the real-world! Learn geometry and apply it to design and build projects.



EXPERIENCE

Each course has been designed to inspire and make an impact. There is no previous experience needed. We believe every student at New Trier should have an opportunity to experience our labs and studios.

LEARN BY DOING

Engineering, Architecture, Coding, Culinary and Fashion are project based and real-world experiences.

GRADUATION REQUIREMENT

Every Applied Arts course fulfills the fine/practical art graduation requirement. Geometry, Design and Construction also fulfills the graduation requirement for mathematics.



Explore Freshman specific course videos, additional information, and contact info.



create.



make.



solve.



build.



analyze.



grow.

If you have additional questions or would like additional information, contact:
Jason Boumstein, Department Chair * phone: 847-784-7696 * e-mail: boumstej@nths.net