



ENGINEERING, TECHNOLOGY AND TRANSPORTATION



The **Engineering, Technology and Transportation** career community includes the many engineering and technology related occupations as well as occupations in transportation systems. Students who are hands-on learners, problem solvers and/or critical thinkers may consider options in this pathway.



Student Spotlight

Architectural Design and Modeling "I like this course because I learn more about architecture, design buildings, and build physical models of my designs. Before I took this class I knew I wanted to study architecture in college so I took this class to further my knowledge of architecture and design things I want to feel passionate about. I love this class it's very flexible in a sense of you can design as creatively as you want and are given the materials to build the best model you can."
-Beatrice Mohr '23



Introduction to Engineering "This course taught me the fundamentals of Engineering while giving me enough creative freedom to create projects that I enjoyed making. This course provides an introduction to 3D modeling...along with a helpful understanding of the Design Process through multiple creative projects throughout the year." Arjun Vyas '23

Example Related Careers	Example Related Electives	Example Related Programs and Clubs	Example Related Post-Secondary Options
<ul style="list-style-type: none"> • Architectural Drafting • Architectural Engineering • Automotive Research and Design • Automotive Technologies • Aviation Dispatch and FAA Occupations • Computer and Information Research Scientist and System Manager • Computer Network Support • Electrical Technician • Industrial Design Mechanical Engineer • Pilot • Software Developer 	<ul style="list-style-type: none"> • AP Comp Science Principles[^] • AP Comp Science A[^] • AP Physics [^] • Architectural Design and Modeling • College Computer Skills • Design Your Life • Earth and Space Science • Future Proof • IB Physics*[^] • Introduction to Computer Programming • Intro to Cybersecurity • Introduction to Engineering and Industrial Design • Product Design and Modeling • Webpage Design • World Languages 	<ul style="list-style-type: none"> • Automotive Collision+ • Automotive Technologies+ • Aviation Academy* • College Credit Plus[^] • Construction Trades+ • Cyber Academy*## • Engineering Academy[^] • IB Diplom*[^] • IT Academy*^{+^} • Power Sports+ • RAMTech Engineering+ • Young Professionals' Academy*## <hr/> <ul style="list-style-type: none"> • First Robotics • Dublin Tech Club • STEM Club • Coffman Club List • Jerome Club List • Scioto Club List <p><i>*Clubs vary by building; Subject to change</i></p>	<p>Certifications</p> <ul style="list-style-type: none"> • Construction-related Certificates • IT Credentials • Manufacturing Certificates <hr/> <p>Two-Year</p> <ul style="list-style-type: none"> • Civil Engineering Technology • Game Designer • Skilled Trades-Related Degrees <hr/> <p>Four-Year</p> <ul style="list-style-type: none"> • Architecture • Computer Engineering • Computer Science • Electrical Engineering • Mechanical Engineering • Modern Manufacturing