



Fonda-Fultonville HIGH SCHOOL

Graduation PATHWAYS

Fonda-Fultonville High School's Graduation Pathways are an exciting new academic program that enable students to focus their studies on a specific topic. Each pathway offers three strands to give students programming choices depending on their post-graduation goals, whether it's pursuing a two- or four-year college degree, a professional certification or entering the work force. Pathways give graduates the academic background necessary for entrance into advanced post-graduate programs while accumulating college credits, positioning them for success in today's demanding job market.

Pathways are a smart choice for students who know exactly which college major and/or career paths they want to pursue. It's also an opportunity for students who want to explore a field of study and decide if it's right for them. Each pathway gives students job shadowing opportunities.

Technology and Engineering

PATHWAY



The Fonda-Fultonville Technology and Engineering Pathway ensures that students keep pace with the technological innovations of today and prepares them for the careers of tomorrow. Coursework provides a solid foundation for those students who plan to pursue a scientific, technical or engineering career. Each of the classes help students develop skills in areas such as critical thinking, teamwork, creativity, communication and problem-solving.

Students who complete Project Lead the Way coursework have the opportunity to earn transferable elective college credits from the Rochester Institute of Technology.* When complemented with coursework available through the Fonda-Fultonville College in the High School program, students have the opportunity to earn up to 36 college credits by the time they graduate high school. Even more college credit is available through articulation agreements with Fulton-Montgomery Community College.

	DIPLOMA TYPE	POTENTIAL COLLEGE/CAREER PATHS	REQUIRED COURSEWORK	ADDITIONAL RECOMMENDED COURSEWORK	PROGRAM BENEFITS
Project Lead the Way Engineering STRAND	Advanced Regents Diploma	Architect Drafter Civil engineer Electrical engineer Electronics engineer Mechanical engineer Engineering / Technology educator	516 PLTW Introduction to Engineering Design* 514 PLTW Principles of Engineering* 513 PLTW Digital Electronics* 517 PLTW Civil Engineering and Architecture* 515 PLTW Engineering, Design and Development	183/184 CHS US History I&II 033/034 CHS English I&II 207 Algebra II 301 Physics with lab 520 Nanoscience	24-36 potential college credits Community-based experience
General Technology STRAND	Advanced Regents Diploma or Regents Diploma	Clean room operator Computer science Medical technician	516 PLTW Introduction to Engineering Design* 509 Home & Repair / 505 Materials Processing 507/508 Computer Graphics and Applications 520 Nanoscience	204 Geometry 304 Environmental Science	24-36 potential college credits Community-based experience
Pre-Vocational STRAND	Regents Diploma	HVAC Utility lineman	516 PLTW Introduction to Engineering Design* 509 Home & Repair / 505 Materials Processing 507/508 Computer Graphics and Applications	204 Geometry 304 Environmental Science CTC Environmental Conservation, Construction Technology, Cyber Security & CISCO or Auto Body/Mechanics	Community-based experience