



THOMAS JEFFERSON HIGH SCHOOL

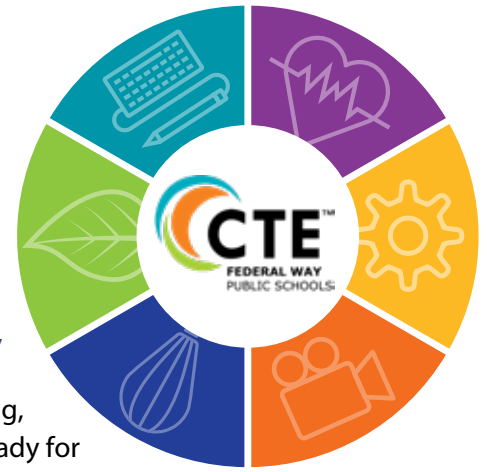
CTE PROGRAMS OF STUDY



CTE™
CLASSROOM
TO CAREER
Your future is right here.



Career Planning through CTE course offerings



CTE is focused on providing students with skills, knowledge and other training to prepare them for a career.

Benefits of CTE include:

- Exploration of real career opportunities
- Development of career skills
- Work-based learning activities
- Industry Recognized Credentials and Certifications (IRCs)
- CTE college credit
- Leadership and extended learning through CTE clubs and student organizations
- High School equivalency credit
- Bridge to future education

Interested in what other FWPS high schools offer? Scan here to explore the CTE Programs of Study by high school



In Federal Way Public Schools, our scholars will successfully navigate the critical transitions in their schooling, and will graduate from high school ready for college, career, and post-secondary experiences.

This resource organizes the CTE courses offered at Thomas Jefferson High School, and can help you when it's time to register for courses. CTE courses are organized into 6 CTE Programs of Study that align to high-wage, in-demand and high-skill careers:

AGRICULTURAL EDUCATION*

BUSINESS AND MARKETING

FAMILY AND CONSUMER SCIENCES

HEALTH SCIENCES

SKILLED AND TECHNICAL SCIENCES

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)

Answer the questions below to plan your career path using CTE Programs of Study and CTE courses offered. Answers can be found in the Program of Study charts included in this booklet.

- A career I'm interested in learning more about is *(see column 4 in the Program of Study charts)*

- This career falls under the _____
Program of Study *(see title above your selected Program of Study chart)*
- Possible CTE courses that align to this career are *(see column 2 in the Programs of Study charts)*

- Is the above course eligible for CTE college credit (dual credit)?
(see column 3 for College Credit information) Yes ☐ No ☐
- Industry Recognized Credentials or Certifications (IRCs) are desirable to employers and can help me enter the workforce. Is there an IRC offered in this course?
(see column 3 for IRC information) Yes ☐ No ☐
- What post-secondary programs are available under this Program of Study?
(see column 5 for Post-Secondary Programs & Degrees)

Talk to your high school counselor and/or high school college and career specialist as you continue to explore and plan for college, career, and post-secondary programs that best fit your individual needs, skills and interest.

** Program of Study only offered at Decatur High School*

Business and Marketing

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
ARTS, A/V TECHNOLOGY AND COMMUNICATION	Publishing (Yearbook)	EQUIVALENCY CREDIT: Fine Arts	Accounting Administrative Assistant Advertising Auditor Bill & Account Collector Brand Management Business Manager Certified Public Accountant Computer Equipment Repair Computer Network & Data Computer Programmer Computer Science Engineer Computer Support Specialist Computer Systems Analyst Computer Technician Controller Court Reporter Database Administrator Economist Entrepreneur Event Planner Funeral Director Game Designer Information Technology Specialist/Manager Insurance Agent International Business Inventory Manager Loan Officer Market Research Analyst Marketing Manager Media Buyer/Planner Office Manager Personnel Recruiter Public Relations Real Estate Appraiser Research Specialist Retail Sales Supervisor Sales Representative Small Business Owner Stock Broker Systems Administrator Tax Examiner Tax Preparer Underwriter Web Developer Wholesale & Retail Buyer	TECHNICAL PROGRAMS IN BUSINESS, ADMINISTRATION, & MARKETING Accounting: Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle, Tacoma Banking & Support Services: Renton Business Adm. Management: Bates, Bellevue, Highline, Pierce, Renton, Tacoma Computer Science: Bates, Pierce Human Resources Management: Bellevue, Pierce, Tacoma Marketing Management: Bates, Bellevue, Green River, Highline, Pierce Retail Management: Bellevue, Clover Park, Highline Office Management: Bellevue, Clover Park, Pierce, Renton, Seattle Central, South Seattle
BUSINESS, MANAGEMENT AND ADMINISTRATION	INCubator Entrepreneurship	COLLEGE CREDIT: Green River College • BUS 164 – Entrepreneurship and Small Business Management (5 credits) Highline College • BUSN 155 – Entrepreneurship (3 credits) Renton Technical College • BUS 125 – Concept to Commercialization (5 credits)		
	IB Business Management SL, HL	EQUIVALENCY CREDIT: Math COLLEGE CREDIT: IB Green River College • BUS 164 – Entrepreneurship and Small Business Management (5 credits) Highline College • BUSN&101 – Introduction to Business (5 credits) Renton Technical College • BUS 900 – Business Elective (5 credits)		
	Personal Finance Math	EQUIVALENCY CREDIT: Math COLLEGE CREDIT: Green River College • BATC 110 – Business Math Applications (5 credits) Highline College • BUSN 133 – Basic Money Management (3 credits) Renton Technical College • AMATH 175 – Applied Mathematics for Business and Industry (5 credits)		
INFORMATION TECHNOLOGY	Computer Applications	COLLEGE CREDIT: Green River College (earn one of the below) • BTAC 100 – Fundamentals of Computers (5 credits) • BTAC 111 – Introduction to Computer Literacy (5 credits) • BTAC 112 – Beginning Word (5 credits) Highline College • BSTEC 105 – Intro to Computers & Windows (3 credits) Renton Technical College • IT 101 – Fundamentals Computing Office 365 (5 credits) INDUSTRY RECOGNIZED CREDENTIAL: Microsoft Office Specialist (MOS) Fundamentals —various certs		
	IB Computer Science SL, HL	COLLEGE CREDIT: IB		
	Intro to Computer Science and Game Design	COLLEGE CREDIT: Green River College • BTAC 184 – Internet and Basic Web Design (5 credits)		
	Web Design	COLLEGE CREDIT: Green River College • BATC 184 – Internet and Basic Web Design (5 credits) Highline College • VICOM 100 – Intro to Web Design (5 credits)		
MARKETING	Introduction to Marketing	COLLEGE CREDIT: Green River College • BUS 121 – Marketing Fundamentals (5 credits) Highline College • BUSN 138 – Principles of Marketing (5 credits) Renton Technical College • BUS 900 – Business Elective (5 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card		UNIVERSITY PROGRAMS Business Administration: EWU, CWU, WSU, UW, WWU Information Technology: Design Tech: EWU IT & Information Management: CWU Digital Technology: WSU Information Systems and Operations Management: UW Additional programs may be available, please check individual colleges for more information.

(continued)

MARKETING	Marketing Operations, Scholar Store	COLLEGE CREDIT: Green River College • BUS 121 – Marketing Fundamentals (5 credits) Highline College • BUSN 175 – Retailing (5 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card		
	Sports and Entertainment Marketing	COLLEGE CREDIT: Green River College • BUS 121 – Marketing Fundamentals (5 credits) Renton Technical College • BUS 900 – Prof-Tech Program Elective (5 credits)		
CAREER CHOICES	IB Career Program Skills (Applies to all programs of study)			

Family and Consumer Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
EDUCATION AND TRAINING	Teacher Academy	COLLEGE CREDIT: Green River College • EDUC& 136 – School-Age Care (3 credits) • EDUC& 205 – Introduction to Education with Field Experience (5 credits) Highline College • EDEC& 120 – Early Childhood Practicum (2 credits) • EDUC& 136 – School Age Care (3 credits) • EDUC& 202 – Intro to Education (5 credits) Renton Technical College • ECED& 105 – Intro to Early Childhood (5 credits) INDUSTRY RECOGNIZED CREDENTIAL: WA STARS (Child Care Basics) Certification General Paraeducator	Baker Banquet Chef Caterer Chef Child Care Worker Clergy College Professor Counselor Educational Administrator Employment Interviewer Executive Chef	TECHNICAL PROGRAMS IN EDUCATION Early Childhood Ed & Teaching: Bates, Bellevue, Clover Park, Green River, Highline, Pierce, Renton, Seattle Central Prof-Tech Teaching: Bates, Lake Washington Teacher Aide: Bates, Clover Park, Green River, Pierce, Tacoma Sign Language Interpretation: Seattle Central TECHNICAL PROGRAMS IN PROJECT MANAGEMENT Highline College
HEALTH SCIENCE	Nutrition and Wellness	INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card	Facilities Management	TECHNICAL PROGRAMS IN CULINARY ARTS & HOSPITALITY
HOSPITALITY AND TOURISM	Culinary Arts Foundations	COLLEGE CREDIT: Renton Technical College • CUL 103 – Knife Skills (3 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card	Food Service Manager	Baking & Pastry Arts: Lake Washington, Renton, Seattle Central
	ProStart 1	COLLEGE CREDIT: Renton Technical College • CUL 105 – Culinary Foundations (3 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card	Food Production Supervisor	Culinary Arts/Chef Training: Bates, Clover Park, Lake Washington, Renton, Seattle Central, South Seattle
	ProStart 2	COLLEGE CREDIT: Renton Technical College • CUL 110 – Fundamentals 1 (3 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card National Restaurant Assoc (NRA) ServSafe Certification	Government Executive & Legislative	UNIVERSITY PROGRAMS
HUMAN SERVICES	Child Development	COLLEGE CREDIT: Green River College • EDUC& 115 – Child Development (5 credits) Highline College • EDUC& 115 – Child Development (5 credits) Renton Technical College • EDUC 115 – Child Development (5 credits) INDUSTRY RECOGNIZED CREDENTIAL: Food Worker Card WA STARS (Child Care Basics)	Librarian	CW: Psychology, Sociology, Family & Consumer Sciences Education, Nutrition, Exercise, Health Science
	Family Psychology and Health	EQUIVALENCY CREDIT: Health INDUSTRY RECOGNIZED CREDENTIAL: First Aid/CPR	Resort Manager	EWU: Education, Psychology
CAREER CHOICES	IB Career Program Skills (Applies to all programs of study)			

UW: Education, Psychology, Social Sciences, Sociology

WSU: Education, Hospitality Business Administration, Psychology

WWU: Education, Psychology

Additional programs may be available, please check individual colleges for more information.

Health Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
HEALTH SCIENCE	IB Sports Exercise Health Science	EQUIVALENCY CREDIT: Lab Science COLLEGE CREDIT: IB	Anesthesiologist Athletic Trainer Biochemist Bio-Tech Lab Technician Certified Nursing Assistant Chiropractor Clinical Medical Assistant Dental Assistant Dental Hygienist Dentist Dietician EMT/Paramedic Health Care Administration Home Health Aide Massage Therapist Medical Transcriptionist Nurse Practitioner Optometrist Pharmacist Pharmacy Technician Physical Therapist Physician Psychologist Registered Nurse Speech Pathologist Sports Trainer Surgeon Surgical Technician Ultrasound Technician	TECHNICAL PROGRAMS IN MEDICAL/HEALTH <i>Biological Lab Tech:</i> Bates <i>Central Service Tech:</i> Clover Park <i>Dental Assistant:</i> Bates, Clover Park, Pierce, Lake Washington, Renton, Seattle Central <i>Dental Hygienist:</i> Bates, Clover Park, Pierce, Lake Washington, Renton, Seattle Central <i>Dental Lab Tech:</i> Bates <i>Emergency Med Tech:</i> Tacoma <i>Forensic Tech:</i> Green River <i>Health Unit Coord./Ward Clerk:</i> Bellevue, Clover Park <i>Hemodialysis:</i> Clover Park <i>Medical Assistant:</i> Bellevue, Clover Park, Highline <i>Medical Insurance Coding:</i> Bates, Highline, Tacoma <i>Medical Records/Health Info. Mgmt.:</i> Highline, Tacoma <i>Medical Transcription/Scribe:</i> Bates, Tacoma <i>Nursing Assistant:</i> Clover Park, Green River, Tacoma <i>Nursing-Associate Degree:</i> Bellevue, Clover Park, Highline, Renton, Tacoma, South Seattle <i>Nursing Practical:</i> Bates, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, South Seattle <i>Optometric Tech:</i> Renton <i>Radiologic Tech:</i> Bellevue, Tacoma <i>Respiratory Therapy:</i> Highline, Seattle Central, Tacoma <i>Sign Language Interpreter:</i> Seattle Central <i>Substance Abuse Counseling:</i> Bellevue, Clover Park, Seattle Central, Highline <i>Surgical Tech:</i> Clover Park, Seattle Central <i>Ultrasound Tech:</i> Bellevue, Tacoma <i>Veterinary Assistant:</i> Pierce UNIVERSITY PROGRAMS <i>Animal Biology/Zoology:</i> UW, WWU, WSU <i>Athletic Training:</i> EWU, Whitworth, WSU <i>Biotechnology:</i> WSU, UW <i>Dietician:</i> CWU, WSU, UW <i>Medicine:</i> UW, WSU <i>Nursing:</i> UW, EWU, WSU <i>Pharmaceutical Sciences:</i> WSU, UW <i>Physical Therapy:</i> EWU, UPS, UW <i>Veterinary Science:</i> WSU <i>Additional programs may be available, please check individual colleges for more information.</i>
CAREER CHOICES	IB Career Program Skills (Applies to all programs of study)			



Skilled and Technical Sciences

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/ INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
ARCHITECTURE & CONSTRUCTION	Carpentry Essentials	INDUSTRY RECOGNIZED CREDENTIAL: OSHA 10/30 Hr. General Industry	Air Traffic Controller Airplane Pilot Animator Architect Art Director Art Therapist Artist Artistic Director Audio Systems Technician Audio-Visual Designer & Engineer Audio-Visual Specialist Automobile Mechanic Broadcast Technician Cabinet Maker Camera Operator Carpenter Cartoonist Cinematographer Civil Engineer Computer Animation Construction Foreman Construction & Building Inspector Construction Manager Correctional Officer Customs Agent Design Engineer Detective Drafter Drywall Installer Electrical Engineering Electrician Electronic Engineer Fashion Designer FBI Agent Film Making Fire Inspector General Contractor Graphic Designer Illustrator Industrial Engineer Interior Designer Machinist Mechanical Engineer Military Officer Military Service Painting Plumber Potter Prop Crafts Artisan Sculptor Set Designer Sheet Metal Worker Sign Painter Tattoo Artist Technical Computer Support Video Systems Technician Videographer & Special Effects Welding Technician	TECHNICAL PROGRAMS IN ARTS, A/V TECHNOLOGY & COMMUNICATION Animation: Lake Washington Computer Graphics: Bellevue, Lake Washington, Pierce Commercial Photography/Commercial Advertising/Art: Seattle Central Media, Communications & Design: Bates, Bellevue, Clover Park, Highline, Lake Washington, Seattle Central, Pierce, Whitman Photographic & Film/Video: Bellevue, Central, Eastern, DigiPen, Lake Washington, Whitman, Seattle U Radio/Television Broadcasting Tech: Bates, South Seattle
	Carpentry Specialist 1–2	INDUSTRY RECOGNIZED CREDENTIAL: OSHA 10/30 Hr. General Industry		
	Construction Foundations	COLLEGE CREDIT: Green River College • CARP 113 – Foundations and Floor Framing (2 credits) INDUSTRY RECOGNIZED CREDENTIAL: OSHA 10/30 Hr. General Industry		
ARTS, A/V TECHNOLOGY AND COMMUNICATION	Commercial Photography	EQUIVALENCY CREDIT: Fine Arts COLLEGE CREDIT: Highline College • VICOM 147 – Introduction to Digital Photography (5 credits)		TECHNICAL PROGRAMS IN SKILLED & TECHNICAL SCIENCES Architectural Engineering/Drafting: Clover Park, Green River, Lake Washington, Renton, South Central Biomedical Tech: Bates, Clover Park Civil Engineering Tech/Civil Drafting: Bates, Clover Park, Renton Composites: Bellevue, Clover Park Computer Tech: Bates, Bellevue, Clover Park, Green River, Pierce Drafting/Design CAD/CADD: Clover Park, Green River, Highline, Lake Washington, Renton, North Seattle, South Seattle Electronic Engineering Tech: Bates Engineering Tech: Clover Park Fire Security Tech: Clover Park Industrial, Construction, & Manufacturing Programs: Bates, Clover Park, Green River, Lake Washington, Pierce, Renton, Seattle Central, South Seattle Information Technology Programs: Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, Seattle Central, South Seattle Mechanical Tech/Drafting: Bates, Clover Park, Green River, Lake Washington, South Seattle Mechanics Programs: Bates, Bellevue, Clover Park, Green River, Highline, Lake Washington, Pierce, Renton, Seattle Central, South Seattle Occupational Safety: Pierce
	Pottery 1–2	EQUIVALENCY CREDIT: Fine Arts		
	Design & Applied Art 1–2	EQUIVALENCY CREDIT: Fine Arts COLLEGE CREDIT: Highline College • VICOM 132 – Drawing for Illustration 1 (5 credits—must complete both Design and Applied Art 1 and 2)		
	Graphic Design 1–2	EQUIVALENCY CREDIT: Fine Arts COLLEGE CREDIT: Highline College • VICOM 110 – Graphic Design 1 (5 credits—must complete both Graphic Design 1 and 2)		
	Video Production 1–2	EQUIVALENCY CREDIT: Fine Arts COLLEGE CREDIT: Highline College • MMD 130 – Multimedia for the Web (5 credits—must complete both 1 & 2)		
	IB Visual Arts	EQUIVALENCY CREDIT: Fine Arts COLLEGE CREDIT: IB		
LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY	Forensic Science	EQUIVALENCY CREDIT: Science COLLEGE CREDIT: Green River • CJ& 240 – Introduction to Forensic Science (5 credits) Highline College • CJ& 240 – Introduction to Forensic Science (5 credits)		
MANUFACTURING	Cabinet Making & Millwork 1–2	COLLEGE CREDIT: Green River College • CARP 164 – Intermediate Woodworking and Cabinetry (4 credits—must complete both Cabinet Making & Millwork 1 and 2, and present portfolio of projects completed to earn credit)		UNITED STATES MILITARY SERVICE Air Force, Army, Marines, Navy, Coast Guard Additional programs may be available, please check individual colleges for more information.
	Woodworking	COLLEGE CREDIT: Green River College • INDUS 101 – Basic Woodworking (4 credits—must present portfolio of projects completed to earn credit)		
CAREER CHOICES	IB Career Program Skills (Applies to all programs of study)			

STEM

CAREER CLUSTER	HIGH SCHOOL COURSE TITLE	EQUIVALENCY CREDIT/COLLEGE CREDIT/INDUSTRY RECOGNIZED CREDENTIALS	CAREERS	POST-SECONDARY PROGRAMS & DEGREES
SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS	Introduction to Engineering Design	EQUIVALENCY CREDIT: 3rd Math COLLEGE CREDIT: Renton Technical College • DFT 113 – Introduction to Computer-Aided Design (5 credits)	Aeronautical Engineer Aircraft Mechanic Airplane Assembler Architectural & Engineering Manager CAD Designer Civil Engineer Design Engineer Drafter Industrial/Mechanical Engineer Robotics Engineer Sustainability Specialist	TECHNICAL SCHOOLS WITH STEM PROGRAMS <i>Engineering Technology:</i> Bates, Walla Walla <i>Computer Engineering:</i> DigiPen UNIVERSITIES WITH STEM PROGRAMS <i>Civil Engineering:</i> St. Martin's, Gonzaga, Seattle U <i>Computer Engineering:</i> EWU, Seattle Pacific, WWU, Gonzaga, Seattle U <i>Electrical Engineering:</i> EWU, Seattle Pacific, WWU, Gonzaga, Seattle U <i>Manufacturing Engineering:</i> WWU <i>Mechanical Engineering:</i> EWU, Seattle Pacific, Gonzaga, Seattle U <i>Additional programs may be available, please check individual colleges for more information.</i>
	Principles of Engineering and Robotics	EQUIVALENCY CREDIT: Lab Science		
	Aerospace Engineering	EQUIVALENCY CREDIT: 3rd Math or Lab Science		
	Engineering Design & Development	EQUIVALENCY CREDIT: Science		
CAREER CHOICES	IB Career Program Skills (Applies to all programs of study)			



SPECIAL PROGRAMS AT THOMAS JEFFERSON HIGH SCHOOL

PROSTART CULINARY ARTS PROGRAM *—Preparing Future Culinary Professionals*

The ProStart Culinary Arts Program is a two-year, industry-driven program that prepares scholars for careers in the restaurant and food service industry. Through a combination of hands-on training, real-world business experience, and industry mentorship, students develop essential culinary and hospitality skills that set them apart in the workforce.

With ProStart, students gain the experience, confidence, and certifications needed to launch a successful career in the culinary and hospitality industries.

- **Comprehensive Culinary Training and Certification:** Students learn food preparation, safety and sanitation, nutrition, and restaurant operations using industry-standard equipment and techniques. At the end of the program, students will have access to obtain a WA Food Worker Card and National Restaurant Assoc. (NRA) ServSafe Certificate, recognized by employers nationwide.
- **Real-World Catering Experience:** Students participate in running a school-based food catering business and complete a job shadow with a local restaurant or hospitality partner.
- **Business & Leadership Skills:** In addition to culinary expertise, students gain knowledge in business math, cost control, customer service, and team leadership—critical skills for success in the food service industry.

NATIONAL ACADEMY FOUNDATION (NAF) PROGRAMS—Bridging Classroom to Career

National Academy Foundation (NAF) programs offer rigorous, career-focused education designed to prepare students for success in high-demand industries.

NAF academies at FWPS provide students with dynamic, industry-aligned programming that bridges the gap between classroom learning and real-world career preparation. Through industry-aligned curriculum and hands-on experiences, students engage in internships, mentorships, and work-based learning opportunities ensuring students gain valuable industry exposure and develop the professional skills needed for future success in the workforce or postsecondary education.

Academy of Visual Arts

This academy nurtures creativity and innovation, offering students hands-on experience in digital media, graphic design, and visual storytelling through real-world projects, portfolio development and industry collaborations.

ELECTRICAL APPRENTICESHIP TEST PREP

This course supports students interested in entering the electrical trades by preparing them for the Electrical Interim Credentials exam. In partnership with IBEW Local 46, Build2Lead and Washington Applied Math Council, students gain targeted academic support in math and electrical theory, aligned with the requirements of local electrical apprenticeship programs.

- **Practice Exams and Test-Taking Strategies:** Students complete coursework and receive coaching on how to approach each section of the test effectively.
- **Technical Math Instruction:** Focused support in algebra, geometry, and basic trigonometry, which are essential for success on the apprenticeship exam.
- **Introductory Electrical Concepts:** Foundational training in electrical systems, circuitry, and safety to build students' confidence and industry readiness.
- **Mentorship from Industry Professionals:** IBEW and Build2Lead representatives provide guidance, answer questions, and help students understand career opportunities in the electrical field.
- **Connection to Apprenticeship Pathways:** Students completing the prep course are well-positioned to apply to and succeed in registered apprenticeship programs after graduation.

PROJECT LEAD THE WAY (PLTW)—Innovating STEM Education

Project Lead The Way (PLTW) is a nationally recognized, hands-on STEM curriculum designed to ignite students' passion for science, technology, engineering, and mathematics. PLTW provides engaging, real-world challenges that develop critical thinking, problem-solving, and technical skills essential for future careers. Through hands-on projects, industry-aligned coursework, and career exploration, students gain invaluable experiences that prepare them for postsecondary education and the workforce.

PLTW programs empower students to think critically, collaborate, and develop the skills necessary for success in STEM careers.

Thomas Jefferson offers one PLTW program:

PLTW Biomedical Sciences

Provides hands-on experiences in medical research, diagnostics, and healthcare innovations, preparing students for careers in medicine, biotechnology, and health sciences.



FEDERAL WAY
PUBLIC SCHOOLS