



Warren Tech 2018 - 2019

CAREER AND TECHNICAL HIGH SCHOOL FOR JEFFERSON COUNTY PUBLIC SCHOOLS

Warren Tech, the career and technical high school for Jeffco Public Schools, is the springboard to a competitive edge in college readiness and career opportunities. Programs offer dynamic, career-focused learning that integrates both high school and college credit, including core academic math, science, and English credit to keep students on track for graduation. Through collaborative industry partnerships, Warren Tech programs open doors to internships, apprenticeships, on-the-job experiences, and industry certifications.

Grade level: 16 years or older - and going into their junior or senior year of high school.
Prerequisite: Online application - see your counselor or visit warrentech.org
Fee: Varies
Credit: 1.5 credits per semester - see Warren Tech website for details at warrentech.org

WARREN TECH CENTRAL CAMPUS

13300 W. 2nd Place • Lakewood, CO 80228 • 303-982-8600

Auto Collision Repair

(2-4 semesters)

Body and structural repair, refinishing, painting, estimating, welding, shop management

Auto Customization

(2-4 semesters)

Custom metal fabrication, welding, refinishing, custom paint, airbrushing

Automotive Technology

(2-4 semesters)

Engine performance, suspension and steering, brakes, heating/air conditioning, transmission repair, auto parts specialist

Computer Science

(2-4 semesters)

Programming, Oracle Academy, CompTIA Certifications, machine learning, Linux, artificial intelligence

Cosmetology: Esthetics

(2 semesters)

Skin care, massage, waxing, makeup, industry-related certifications; additional hours required in June

Cosmetology: Hairstyling

(2-4 semesters)

Hairstyling/cut/color/texture, professional salon and client experience, internships

Additional hours required in June

Cosmetology: Nail Technology

(2 semesters)

Spa techniques in manicure/pedicure, artificial nail enhancements; additional hours required in June

Culinary Arts

(2-3 semesters)

Classical and modern cuisine, full-service restaurant and kitchen, baking and pastry preparation, exposure to farm to table practices

Cybersecurity

(2-4 semesters)

Prerequisite: Completion of Geometry with a "C" or better; Technical detailed reading required; Cisco, Oracle, TCP/IP, KALI Linux, hacking electronics

Dental Assisting

(2 semesters)

Dental anatomy, x-ray/laboratory techniques, patient care, first aid/CPR

Fire Science/ First Responder

(2 semesters)

Prerequisite: Doctor's release, liability waiver
 Fire chemistry, fire prevention, tactics and strategy, first responder/CPR, drill ground

Game Development

(2-4 semesters)

Prerequisite: Completion of Geometry with a "C" or better; 2-D & 3-D computer game programming, trigonometry/physics-based programming

Graphic Design & Digital Photography

(2-4 semesters)

Basic drawing and illustration skills, communication design theory, typography, layout, photography, AP Studio Art and advertising design

Outdoor Leadership

(2-4 semesters)

Prerequisite: Doctor's release
 Leadership styles and strategies, environmental education, challenge course facilitation, orienteering, wilderness survival, first aid/CPR

Power Equipment Motorcycle Technology

(2-4 semesters)

Engine repair/performance, hydraulics, motorcycle brakes/suspension, transmission/transaxle, parts

Precision Machining Technology

(2-4 semesters)

Prerequisite: Completion of Geometry
 Blueprint reading, computer-aided machining and design, 2-D and 3-D precision parts

S²TEM: X-TREME Engineering

(2-4 semesters)

Prerequisite: Completion of Geometry with a "C" or better; architectural/engineering drafting, sustainable farming, design & build a wide variety of projects using sustainable methods and practices

TV/Video Production

(2-4 semesters)

Professional demo reel, green screen TV studio, script writing in a variety of genres

Welding

(2-4 semesters)

Automated welding equipment, MIG and TIG welding, blueprint reading, American Welding Society National Certifications

WARREN TECH NORTH CAMPUS

11325 Allendale Drive • Arvada, CO 80004 • 303-982-9360

Audio Production

(2 semesters)

Record, edit, master recordings, operation of microphones/speakers/mixers/effect development

Criminal Justice

(2 semesters)

Constitutional/criminal law, criminal investigations, law enforcement, judicial process, Introduction to Sociology

Emergency Medical Services

(2 semesters)

Prerequisite: Seniors only, with supplemental application
 Intro. to Pathophysiology, EMT Basic Curriculum, trauma care, Medical Terminology, clinical rotations, Students are able to take National Registry EMT-Basic Certification Examination upon successful completion of the program

Forensic Science

(2 semesters)

Prerequisite: Completion of biology
 Crime scene analysis, forensic pathology, fingerprinting, DNA

Introduction to Medical Assisting

(2 semesters)

Patient medical history, vital signs, direct patient care, Medical Terminology, Anatomy & Physiology

Nurse Aide & Introduction to Healthcare

(1st semester)

Medical Terminology, healthcare systems, direct patient care, Clinical Rotations. Five week intensive shadowing experience at St. Anthony Hospital and Lutheran Medical Center. Students are able to take nurse aide certification examination upon successful completion of the program.

Sports Medicine

(2 semesters)

Prevention/treatment/rehabilitation of sports injuries, patient care, Medical Terminology, BLS CPR/AED Certification, Anatomical Kinesiology

WARREN TECH SATELLITE PROGRAMS

Automotive Technology at Standley Lake H. S.

(2 semesters)

Engine performance, suspension and steering, brakes, heating/air conditioning, transmission repair
 Students from all schools may apply.

Building Trades Pre-Apprenticeship at Arvada H.S.

(2-4 semesters)

Internships, introduction to underground utilities locating, introduction to heavy equipment operation, plumbing basics, safety/OSHA Certification, surveying
 Students from all schools may apply.

Executive High School Internship

(1 semester)

Must be selected through application and interview process; 3.5+ GPA
 100 hours in career field (10-12 hrs./wk.)
 Apply spring of junior year.



APPLY ONLINE TODAY @ warrentech.org