

FAIRCHILD WHEELER CAMPUS

3 Unique STEM Interdistrict Magnet High Schools

One Amazing Campus

Presented by: Michael Siksay



THREE UNIQUE STEM HIGH SCHOOLS

ONE AMAZING CAMPUS

INFORMATION TECHNOLOGY & SOFTWARE ENGINEERING BIOTECHNOLOGY RESEARCH & ZOOLOGICAL SCIENCES

AEROSPACE/HYDROSPACE

FAIRCHILD WHEELER SCHOOLS OFFER:

- Semester Long Classes Earn Full Year Credit
- Project Based Learning
- Support Time Built into Day
- Diverse Positive Social Environment
- Unique Thematic Courses
- Laptops / no books
- 8 credits vs 7 credits
- Prep for College
- Further Advancement Bio, Calc, PHY
- College Partnerships UB HCC UCONN
- Accumulate College Credits ECE, PLTW, AP
- Volunteer & Paid Internships
- Take classes across all 3 schools

School Bus Transportation

Stratford, Bridgeport, Trumbull, Milford, Fairfield,

Shelton, Easton, Redding, Monroe

Students from other towns welcome, but we do not provide transportation





PERIOD 1 7:55-9:15 am

PERIOD 2 9:20 - 10:40 am

PERIOD 3 10:45 - 12:45 pm

PERIOD 4 12:50 - 2:10 pm

OUR BLOCK SCHEDULE



4 X 4

PERIOD 1 7:55-9:15 am

PERIOD 2 9:20 - 10:40 am

PERIOD 3 10:45 - 12:45pm

PERIOD 4 12:50 - 2:10 pm

COLLABORATION & TEAMWORK

- 21st Century skills.
- Skills needed to be successful in our modern world.
- o Technology
- Communication
- Collaboration









Music and Video Design

Vex Robotics

Cyber Security

APP Creation

IOS APP School

JAVAScript

Webdesign

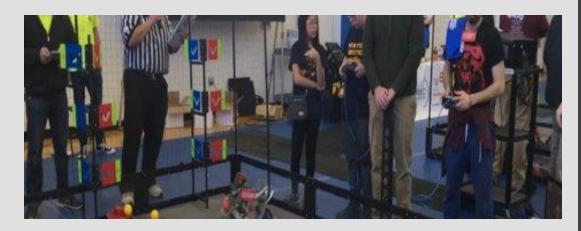
On Campus Business Center

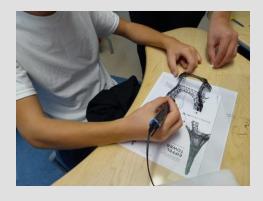
Green Screen Room





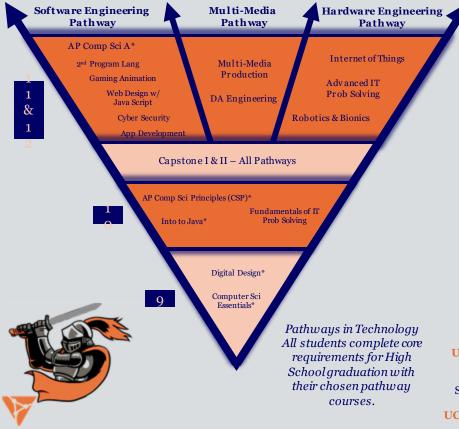








Information Technology & Software Engineering Magnet High School At Fairchild Wheeler Campus



ENGLISH LANGUAGE ARTS COURSES

En glish 9, English 10, English 11, English 12, History & Lit Through the Lens of Film, In tellectual Creative Inquiry, Writer's Workshop, Ju stice Through Literature, Pre-AP English I & II UCONN ECE English 1007

MATHEMATICS COURSES

Pre-Algebra, Algebra 1, Geometry, Algebra 2, Probability & Statistics, Pre-Calculus, Calculus, Pre-AP Algebra 1, Pre-AP Algebra 2, Pre AP-Geometry, AP Calculus AB, AP Calculus BC, AP Statistics UCONN ECE Statistics UCONN ECE Calculus I & II

SCIENCECOURSES

Physical Science, Biology, Chemistry, Air Space Ocean & Earth Science, Physics, AP Biology, AP Chemistry, AP Environmental, AP Physics, UCONN ECE General Physics I & II UCONN ECE General Physics w/ Calc I & II UCONN ECE Chemistry I & II UCONN ECE Biology I & II UCONN ECE Environmental Science

SOCIAL STUDIES COURSES

World Cultures, Civics, Perspectives on Race, US History, AP Psychology, AP Civics, AP World History, AP US History, UCONN ECE Seminar in American Studies UCONN ECE United States History to 1877 UCONN ECE United States History Since 1877

WORLD LANGUAGES COURSES

Spanish, Spanish for Heritage Speakers, Mandarin, UCONN ECE Spanish Comp & Reading UCONN ECE Intermediate Spanish Composition UCONN ECE Spanish Conversation UCONN ECE Intermediate Chinese II



Sikorsky Internships (paid)

Multiple 3D Printers

PLTW (college credit earned)

Naval Engineering

Ship Building Course

Airplane Aerodynamics

Engineering

Aerospace

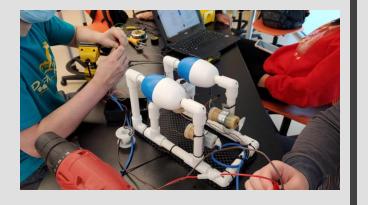
NASA

Architectual Design Courses

Civil Engineering Courses

AEROSPACE/ HYDROSPACE ENGINEERING & PHYSICAL SCIENCES

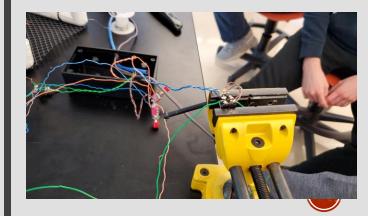




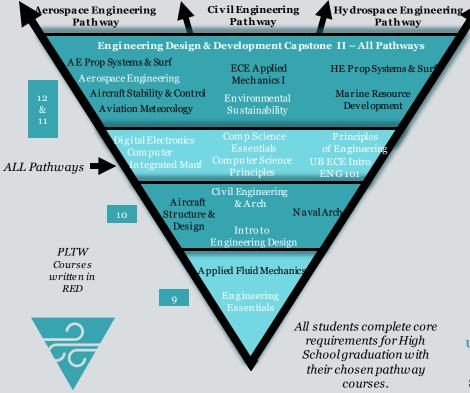








Aerospace/Hydrospace Engineering Magnet High School At Fairchild Wheeler Campus



ENGLISH LANGUAGEARTS COURSES

En glish 9, English 10, English 11, English 12, H istory & Lit Through the Lens of Film, In tellectual Creative Inquiry, Writer's Workshop, Ju stice Through Literature, Pre-AP English I & II

UCONN ECE English 1007

MATHEMATICS COURSES

Pre-Algebra, Algebra 1, Geometry, Algebra 2, Probability & Statistics, Pre-Calculus, Calculus, Pre-AP Algebra 1, Pre-AP Algebra 2, Pre AP-Geometry, AP Calculus AB, AP Calculus BC, AP Statistics UCONN ECE Statistics

UCONN ECE Calculus I & II

SCIENCE COURSES

Phy sical Science, Biology, Chemistry, Air Space Ocean & Earth Science, Physics, AP Biology, AP Chemistry, AP Environmental, AP Physics, UCONN ECE General Physics I & II UCONN ECE General Physics w/ Calc I & II UCONN ECE Chemistry I & II UCONN ECE Biology I & II UCONN ECE Environmental Science ECE A pplied Mechanics I

SOCIAL STUDIES COURSES

World Cultures, Civics, Perspectives on Race, US History, AP Psychology, AP Civics, AP World History, AP US History,

UCONN ECE Seminar in American Studies UCONN ECE United States History to 1877 UCONN ECE United States History Since 1877

WORLD LANGUAGES COURSES

Spanish, Spanish for Heritage Speakers, Mandarin, UCONN ECE Spanish Comp & Reading UCONN ECE Intermediate Spanish Composition UCONN ECE Spanish Conversation UCONN ECE Intermediate Chinese II



BIOTECHNOLOGY RESEARCH & ZOOLOGICAL SCIENCES

Animal Science

Live Animal Lab

Honey Bee Sustainability Program

Partnership with Beardsley Zoo

Anatomy and Physiology

Yale Pharmaceutical Tech Program (in works)

Pharmacology courses

Medical / Genetics

Exercise Science





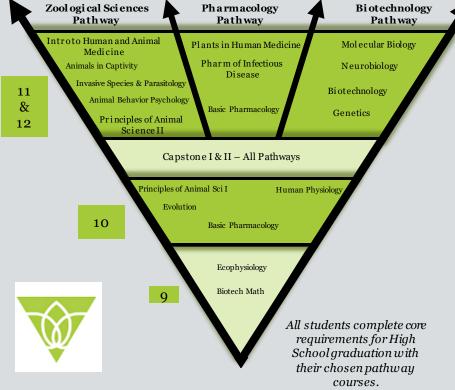






Biotechnology Research & Zoological Sciences Magnet High School

At Fairchild Wheeler Campus



ENGLISH LANGUAGEARTS COURSES

English 9, English 10, English 11, English 12, History & Lit Through the Lens of Film, In tellectual Creative Inquiry, Writer's Workshop, Justice Through Literature, Pre-AP English I & II

UCONN ECE English 1007

MATHEMATICS COURSES

Pre-Algebra, Algebra 1, Geometry, Algebra 2, Probability & Statistics, Pre-Calculus, Calculus, Pre-AP Algebra 1, Pre-AP Algebra 2, Pre AP-Geometry, AP Calculus AB, AP Calculus BC, AP Statistics **UCONN ECE Statistics UCONN ECE Calculus I & II**

SCIENCECOURSES

Biology, Chemistry, Air Space Ocean & Earth Science, Physics, AP Biology, AP Chemistry, AP Environmental, AP Physics, **UCONN ECE General Physics I & II** UCONN ECE General Physics w/ Calc I & II UCONN ECE Chemistry I & II **UCONN ECE Biology I & II UCONN ECE Environmental Science**

SOCIAL STUDIES COURSES

World Cultures, Civics, Perspectives on Race, US History, AP Psychology, AP Civics, AP World History, APUS History, **UCONN ECE Seminar in American Studies** UCONN ECE United States History to 1877 UCONN ECE United States History Since 1877

WORLD LANGUAGES COURSES

Spanish, Spanish for Heritage Speakers, Mandarin, **UCONN ECE Spanish Comp & Reading UCONN ECE Intermediate Spanish Composition UCONN ECE Spanish Conversation** UCONN ECE Intermediate Chinese II

SPORTS

TRY OUT! All students are eligible to participate in sports at their "Home" School District.





We have MANY club sports here on campus. Students can participate in one or ALL!!



STUDENT CLUBS

- Robotics
- Basketball / Volleyball
- Dodgeball
- Ecophysiology Club
- Student Council
- Yearbook Committee
- Build On
- Soccer
- And many more!



HOW TO APPLY

Applications are 100% ONLINE

<u>Recruitment & Admissions / Home (bridgeportedu.net)</u>

Applications open 10/17/2023 and close 1/12/2024

You may apply to ALL 3 schools



ANY QUESTIONS?



Thank you, Michael Siksay - Recruiter <u>msiksay@bridgeportedu.net</u> (203) 275-3350





Tour all three schools, meet staff, students, & admin,

most of all come to see all the amazing technology!

October 18th 6:00 -7:30pm

November 18th 10:00 -11:30am

December 3rd 6:00 -7:30pm

January 11th 6:00—7:30 pm