

# FRESHMAN YEAR

in the Early College and Career Pathways program.



Charter School for Applied Technologies

**EARLY COLLEGE AND CAREER PATHWAYS**

*A partnership with SUNY Buffalo State College and SUNY Erie*

# FRESHMAN YEAR

## REQUIRED COURSES:

*English 9, Global I, Algebra I, Living Environment, and Freshman Seminar*

- Explore **career options** within the four Pathways.
- Develop soft-skills and financial literacy through active **participation** in Freshman Seminar.
  - Determine which Pathway aligns with **your goals** and ambitions.
- Consider participating in an **after-school club, sports team, or an enrichment program.**



### BUSINESS + TECHNOLOGY

#### COURSEWORK

- Intro to Business

#### SPEAKER SERIES

- Police Officer
- Corrections Officer
- Entrepreneur
- Computer Programmer
- Accountant

#### FIELD TRIPS

- Buffalo Fire Department
- Microsoft
- NYS Troopers
- NYS Courts
- Rich Products



### ARTS + COMMUNICATION

#### COURSEWORK

- Studio in Art or Craft Art,  
Instrumental or Vocal Music

#### SPEAKER SERIES

- Graphic Designer
- Art Teacher/Music Teacher
- Photographer
- Architect

#### FIELD TRIPS

- Shea's Theatre
- New Bird Design
- Buffalo News
- Castellani Art Museum



### PLTW + ADVANCED MANUFACTURING

#### COURSEWORK

- Intro to Engineering Design

#### SPEAKER SERIES

- Engineer
- Automotive Technician
- Truck Driver
- Machine Operator
- Drafter

#### FIELD TRIPS

- ECC Engineering Days
- Speed Global
- Tapecon
- Northland
- Quakenbush Inc.



### HEALTH + HUMAN SERVICES

#### COURSEWORK

- Living Environment (80+)

#### SPEAKER SERIES

- Medical Examiner
- Pharmacist
- Nursing
- Physical Therapist
- Zoologist

#### FIELD TRIPS

- Twin City Ambulance
- UNYTS
- Mercy Flight
- Niagara Falls Aquarium
- Connect Life
- Riverside Chiropractic

Plus



FIELD  
TRIPS

+

SPEAKER  
SERIES

+

FRESHMAN EXPERIENCE  
TO COLLEGE OR LOCAL  
BUSINESS