

# SOPHOMORE 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*

# SOPHOMORE YEAR

## REQUIRED COURSES:

*Global History, Physical Science, and Mathematics*

- Participation in the **Summer Bridge Program** at SUNY Buffalo State College.
  - Narrow your focus on a specific **Pathway**.
  - Begin **college level** coursework at CSAT.
    - Begin touring college campuses.
- Complete 10 hours of **Community Service**.



### BUSINESS + TECHNOLOGY

COURSEWORK	SPEAKER SERIES	FIELD TRIPS
<ul style="list-style-type: none"><li>• Intro to Coding/Computer Fundamentals</li><li>• Entrepreneurship + Marketing</li></ul>	<ul style="list-style-type: none"><li>• Police Officer</li><li>• Corrections Officer</li><li>• Entrepreneur</li><li>• Computer Programmer</li><li>• Accountant</li></ul>	<ul style="list-style-type: none"><li>• Buffalo Fire Department</li><li>• Microsoft</li><li>• NYS Troopers</li><li>• NYS Courts</li><li>• Rich Products</li></ul>



### ARTS + COMMUNICATION

COURSEWORK	SPEAKER SERIES	FIELD TRIPS
<ul style="list-style-type: none"><li>• Drawing + Painting</li><li>• Digital Arts</li><li>• 3D Design</li><li>• Symphonic Band/Jazz Ensemble</li><li>• Treble Choir/Mixed Choir/Voice Class</li><li>• Piano</li></ul>	<ul style="list-style-type: none"><li>• Graphic Designer</li><li>• Art Teacher/Music Teacher</li><li>• Photographer</li><li>• Architect</li></ul>	<ul style="list-style-type: none"><li>• Shea's Theatre</li><li>• New Bird Design</li><li>• Buffalo News</li><li>• Castellani Art Museum</li></ul>



### PLTW + ADVANCED MANUFACTURING

COURSEWORK	SPEAKER SERIES	FIELD TRIPS
<ul style="list-style-type: none"><li>• Principals of Engineering</li></ul>	<ul style="list-style-type: none"><li>• Engineer</li><li>• Automotive Technician</li><li>• Truck Driver</li><li>• Machine Operator</li><li>• Drafter</li></ul>	<ul style="list-style-type: none"><li>• ECC Engineering Days</li><li>• Speed Global</li><li>• Tapecon</li><li>• Northland</li><li>• Quakenbush Inc.</li></ul>



### HEALTH + HUMAN SERVICES

COURSEWORK	SPEAKER SERIES	FIELD TRIPS
<ul style="list-style-type: none"><li>• Health</li><li>• Chemistry</li></ul>	<ul style="list-style-type: none"><li>• Medical Examiner</li><li>• Pharmacist</li><li>• Nursing</li><li>• Physical Therapist</li><li>• Zoologist</li></ul>	<ul style="list-style-type: none"><li>• Twin City Ambulance</li><li>• UNYTS</li><li>• Mercy Flight</li><li>• Niagara Falls Aquarium</li><li>• Connect Life</li><li>• Riverside Chiropractic</li></ul>

*Plus*



**COLLEGE & CAREER CONVENTION** + **SPEAKER SERIES** + **FIELD TRIPS** + **COMMUNITY PROGRAMS**