

# Roxbury School District



*Advanced, Professional, & Academic Pathways*

## Reasons to embark upon career pathways and higher level courses

- Exposure to academic dialogue at the highest level
- Eases transition from high school to adult responsibilities
- Increases access to practice autonomy, agency, and independence
- Gives you opportunities to network with professionals in the field (both professional and in academia)
- Allows students the opportunity to explore potential professional opportunities before having to commit to them
- Allows students to challenge themselves when they still have access to high school level supports



# Advanced Placement Offerings

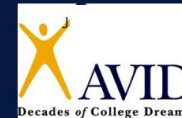


# Impact of AP on College Graduation Rates

Student Group	AP Exam Grade 3,4,5	AP Exam Grade 1,2	Took AP Class No Test
African American	28% Higher	22% Higher	16% Higher
Latino	28% Higher	12% Higher	10% Higher
White	33% Higher	22% Higher	20% Higher
Low Income	26% Higher	17% Higher	12% Higher
Not Low Income	34% Higher	23% Higher	19% Higher

The relationship between Advanced Placement and college graduation

(National Center For Educational Accountability)



ROX SCHOLARS

Excellence in Academic Studies

# AP Courses Offered During the 2022-2023 School Year

<b>Biology</b>	<b>Computer Science Principles</b>	<b>Music Theory</b>	<b>Spanish Language</b>
<b>Calculus AB</b>	<b>English Lit/Comp</b>	<b>Physics (Mechanics/Elec)</b>	<b>Statistics</b>
<b>Calculus BC</b>	<b>Environmental Science</b>	<b>Psychology</b>	<b>Studio Art 2D/3D</b>
<b>Chemistry</b>	<b>European History</b>	<b>Research</b>	<b>US Gov/Politics</b>
<b>Computer Science A</b>	<b>French Language</b>	<b>Seminar</b>	<b>US History</b>

***New in 2023 - 2024: AP Comparative Government and Politics***



# AP Capstone

**AP**Capstone™

Research, Academic Rigor, Distinction



AP Capstone  
Diploma™

**AP Seminar**

Year 1

Earn score of 3 or higher

**AP Research**

Year 2

Earn score of 3 or higher

**4 AP Exams**

Throughout High School

Earn score of 3 or higher



AP Seminar  
and Research  
Certificate™

# Career Pathways & Academies



[mcvts.org](http://mcvts.org)

*Inspire. Prepare. Succeed.*



# Career Pathway & CTE: Quick Facts

Career-related pathways, specifically CTE pathways, generally carry transferable credits and/or certifications.

Career-related education allows students to practice work skills and leadership skills before entering the workforce.

Career-related pathways have been shown to help focus students in their learning path, increasing the likelihood of graduation.

CTE students are more likely to attain certificates in post-secondary institutions than their traditional academic trajectory counterparts.

Mid to low-income students are more likely to begin their post-secondary preparation in CTE programs than those from the highest income bracket.



**ROX PROFESSIONAL**

Excellence in Career Studies





	<b>Pilot Pathway</b>	<b>Drone Pathway</b>
Year 1	Intro to Aviation (No Prerequisite)	
Year 2	Pilot Pathway 1 (Must complete Intro to Aviation)	Drone Technologies** (Must complete Intro to Aviation) **Students are Ready for Part 107 drone test
Year 3	Pilot Pathway 2* (Must complete Pilot Pathway 1) *Students are ready for Private Pilot Written Test	
Year 4	Option 1: Students may complete the alternate pathway Option 2: Independent Study/ Senior Option	
***Students may take Drone Technologies and Pilot Pathway concurrently		



## FUTURE EDUCATORS SEQUENCE

YEAR 1 ELECTIVE CHOICES	YEAR 2 ELECTIVE CHOICES	YEAR 3 ELECTIVE CHOICES	YEAR 4 ELECTIVE CHOICES
FAMILY LIFE SKILLS (previous Child Development 1)	CHILD DEVELOPMENT (previous Child Development II)	TEACHING YOUNG CHILDREN	TOMORROW'S TEACHERS



Year 1 Elective Choices	Year 2 Elective Choices	Year 3 Elective Choices	Year 4 Elective Choices
WOODWORKING I	WOODWORKING II	WOODWORKING III HONORS	STRUCTURAL DESIGN AND FABRICATION HONORS
ENGINEERING & DRAFTING I	ENGINEERING & DRAFTING II	HONORS COMPUTER AIDED DESIGN	HONORS 3D STUDIO COMPUTERIZED
INTRODUCTION TO BUSINESS	GRAPHIC DESIGN	DIGITAL PORTFOLIO	WOODWORKING IV HONORS
	INTRO TO STRUCTURAL DESIGN		



## SPORTS MEDICINE/ PHYSICAL THERAPY SEQUENCE

YEAR 1 ELECTIVE CHOICES	YEAR 2 ELECTIVE CHOICES	YEAR 3 ELECTIVE CHOICES	YEAR 4 ELECTIVE CHOICES
FOUNDATIONAL COMPONENTS OF ATHLETIC TRAINING & PHYSICAL THERAPY HONORS	PATHOLOGY & PREVENTION OF SPORTS INJURIES HONORS	KINESIOLOGY & ORTHOPEDIC ASSESSMENT	INJURY REHABILITATION MANAGEMENT & SURGICAL INTERVENTION
		ANATOMY & PHYSIOLOGY HONORS	<b>CHOICE ELECTIVE</b>
			INTRODUCTION TO EXERCISE SCIENCE
			INTRODUCTION TO EXERCISE PSYCHOLOGY



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*Inspire. Prepare. Succeed.*



## Business Pathways

	FINANCE PATHWAY	ENTREPRENEUR PATHWAY	DIGITAL MEDIA PATHWAY	PRODUCTION MEDIA PATHWAY	MARKETING PATHWAY
9	INTRO TO BUSINESS		DIGITAL MEDIA		MARKETING & MEDIA
10	+ ACCOUNTING 1 + INVESTMENTS	+ GLOBAL BUSINESS & LAW + BRANDING	+ VIDEO GAME DESIGN 1-2 + BRANDING	+ TV 1 + BRANDING + POP CULTURE	+ BRANDING + CONSUMER BEHAVIOR
11	+ ACCOUNTING 2 + STOCK MARKET	+ GOOGLE PROJECT MANAGEMENT + ENTREPRENEURSHIP	+ ANIMATION 1+2	+ TV 2 + PODCASTING	+ ADVERTISING + SOCIAL MEDIA + SPORTS MARKETING
12	1. CAPSTONE (BELOW) 2. CROSSOVER CLASS	1. CAPSTONE (BELOW) 2. CROSSOVER CLASS	1. CAPSTONE (BELOW) 2. CROSSOVER CLASS	1. CAPSTONE (BELOW) 2. CROSSOVER CLASS	1. CAPSTONE (BELOW) 2. CROSSOVER CLASS
11 + 12	DESIGN THINKING		STUDIO PRODUCTION		SPORTS MEDIA



## CONCERT AND STAGE SEQUENCE

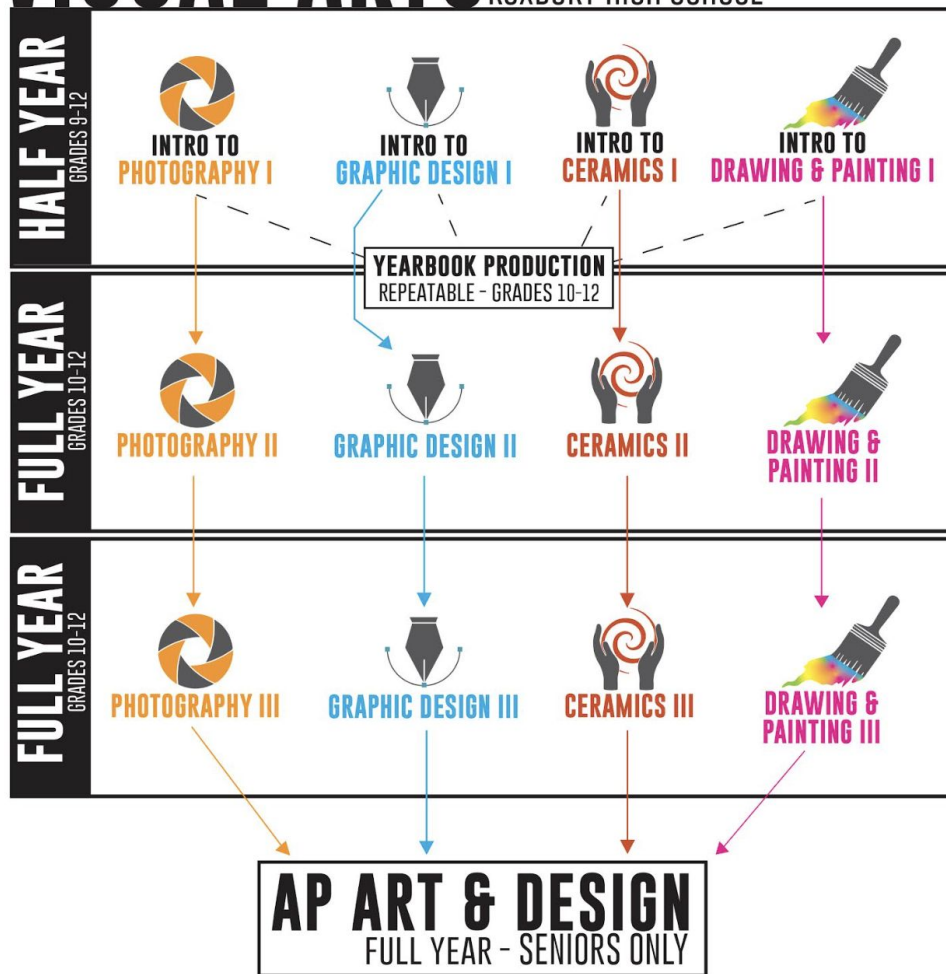
YEAR 1 ELECTIVE CHOICES	YEAR 2 ELECTIVE CHOICES	YEAR 3 ELECTIVE CHOICES	YEAR 4 ELECTIVE CHOICES
ENSEMBLE CLASS*	ENSEMBLE CLASS*	ENSEMBLE CLASS*	ENSEMBLE CLASS*
<b>CHOICE ELECTIVE</b>	<b>CHOICE ELECTIVE</b>	<b>CHOICE ELECTIVE</b>	<b>CHOICE ELECTIVE</b>
BROADWAY THEATER	BROADWAY THEATER	BROADWAY THEATER	AP MUSIC THEORY
			BROADWAY THEATER
ADDITIONAL ENSEMBLE CLASS	BASIC MUSIC THEORY	BASIC MUSIC THEORY	BASIC MUSIC THEORY
	ADDITIONAL ENSEMBLE CLASS	AP MUSIC THEORY	CLINICAL PERFORMING ARTS INTERNSHIP
		ADDITIONAL ENSEMBLE CLASS	ADDITIONAL ENSEMBLE CLASS

\*ENSEMBLE CLASS DENOTES ENROLLMENT IN DANCE, CHOIR, BAND, OR ORCHESTRA



# VISUAL ARTS PATHWAYS

ROXBURY HIGH SCHOOL



## Additional VA Electives

- Expressive Art
- Mixed Media Art



# Dual Credit





# Impact of Dual Credit: Quick Facts

Dual credit is highly correlated to postsecondary degree attainment

Dual credit courses have a higher positive impact on students who start at a community college

Dual credit has a significant impact on attainment of college completion is even higher for low socio-economic students

Dual credit enrollees earn higher grades in college than non-dual credit enrollees

Dual enrollment courses have been shown to cut down on the financial burden of college



Expository Writing (Rutgers)  
Contemporary World Issues (FDU)  
Tomorrow's Teachers (Kean)

Seton Hall Courses

Biology Honors  
Anatomy & Physiology I  
Pathology and Prevention of Sports Injuries  
Honors Chemistry  
AP Chemistry  
Kinesiology and Orthopedic Assessment  
Social Media Marketing  
Television Production

Intro to Athletic Training and  
Physical Therapy  
Environmental Science  
Advanced Environmental Science  
Geophysical Science Honors  
Astronomy  
Honor's Physics  
AP Physics C  
AP Physics E&M

# Student Perspective





# Questions/Comments



- Jeffrey Fiscina: Supervisor Mathematics, Business, & FCS
  - Monica Mann: Director of School Counseling
  - Stuart Mason: Supervisor of Health and Physical Education
  - Matthew Mawn: Supervisor of Science, Engineering, Design, Technology, & Visual Arts
  - Eric Schmidt: Supervisor of ELA & Performing Arts
  - Matt Trokan: Supervisor of Social Studies and World Languages
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- Derek Bischoff: Business Department Lead Teacher
  - Deb Burleigh: Tomorrow's Teachers Teacher
  - Frank Caccavale: SDF Teacher
  - Corey Forlenza: Sports Medicine Teacher
  - Mike Gottfried: Aviation Teacher
  - Joe Koch: Sports Medicine Internist
  - Aristeia Theodoropoulos: AP Research Teacher