

City Polytechnic High School of Engineering, Architecture and Technology

2017 - 2018 PROGRAMMING OVERVIEW (last updated 8.9.17)

Student-Centered Programming Priorities

1. Authentic college experience during high school (alignment to NYC College of Technology academic calendar)
2. Exposure to workplace learning during high school day (WBL Advisory following each semester)
3. Industry-informed curriculum and pedagogy (CTE-infused Project Based Learning)
4. Preparation to exceed NYSED High School Requirements (Regents Prep Intensive)
5. Data Driven Programming (Common Assessments and School Wide Grading Policy)

The 90-DAY Semester (Fall and Spring)

The fall and spring semesters, each about 90 days long, are dedicated mostly to semester course instruction. Students receive customized programs for WBL Advisory and Regents Prep based on their grade-level and progress to graduation tracker.



Course Offerings Per Semester, Per Subject

	Arts	CTE	ELA	Math	PE*	Science	SS	Support*
Fall 2017	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections
Spring 2018	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections	2-3 sections
Summer 2018	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

* Students take Physical Education, ELA/Math Support and/or College ELA/Math Prep Support both semesters.

** Morning Yoga (period 1) and Low-impact PE in the Weight Room (periods 5, 6 and 7) will also be offered.

Shared Campus Space

PD	FALL 2017					SPRING 2018				
	MON	TUES	WED	THURS	FRI	MON	TUES	WED	THURS	FRI
1	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga	Gym - Yoga
2	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym	10 Gym
3	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym	9 Gym
	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe	11/12 Cafe
4										
5	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm	10 WT Rm
6	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm	11 WT Rm
7	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe	9 Cafe
	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT	12/13/14 WT
8										
9	College		College			College		College		
10	College		College			College		College		

Six-Year Scope and Sequence

Summer Pre-High School Bridge Program for Rising First Year Students

Grade	Fall Semester, TERM 1 (or vice versa)	Spring Semester, TERM 2 (or vice versa)	Additional Classes
9	1. CC Algebra or CC Geometry	1. US History	<i>ELA 9 Support Class</i>
	2. English 9	2. Living Environment & Lab	<i>Math 9 Support Class</i>
	3. Intro to Engineering Design	3. Art	<i>WBL 9 Advisory</i>
	4. Physical Education 1	4. Physical Education 2	
	5. College ELA/Math Prep	5. College ELA/Math Prep	
	<i>6.5 High School Credits Earned</i>	<i>6.5 High School Credits Earned</i>	

Select WBL Experiences provided by Steering Committee

10	1. CC Geometry or CC Algebra II	1. Global History & Geography	<i>ELA 10 Support Class</i>
	2. English 10	2. Earth Science & Lab	<i>Math 10 Support Class</i>
	3. Civil Engineering & Design	3. Health	<i>WBL 10 Advisory</i>
	4. Physical Education 3	4. Physical Education 4	<i>College Classes</i>
	5. College ELA/Math Prep	5. College ELA/Math Prep	
	<i>6.5 High School Credits Earned</i>	<i>6.5 High School Credits Earned</i>	

Select WBL Experiences provided by Steering Committee

11	1. CC Algebra II or Precalculus	1. Global History & Geography 2	<i>ELA 11 Support Class</i>
	2. English 11	2. Chemistry & Lab	<i>Math 11 Support Class</i>
	3. Engineering Design	3. Spanish (LOTE)	<i>WBL 11 Advisory</i>
	4. Physical Education 5	4. Physical Education 6	<i>College Classes</i>
	5. College ELA/Math Prep	5. College ELA/Math Prep	
	<i>6.5 High School Credits Earned</i>	<i>6.5 High School Credits Earned</i>	

Summer Pre College Bridge Program for Rising Fourth Year Students

12	1. Precalculus or Calculus	1. Participation in Government	<i>ELA 12 Support Class</i>
	2. English 12	2. Economics	<i>Math 12 Support Class</i>
	3. Senior Portfolio	3. Physics & Lab	<i>WBL 12 Advisory</i>
	4. Physical Education 7	4. Physical Education 8	<i>College Classes</i>
	5. College ELA/Math Prep	5. College ELA/Math Prep	
	<i>6.5 High School Credits Earned</i>	<i>6.5 High School Credits Earned</i>	

Summer Pre College Program for Rising Fifth Year Students

13	1. Varies based on declared major	1. Varies based on declared major	<i>EC ELA Support Class</i>
	2. Varies based on declared major	2. Varies based on declared major	<i>EC Math Support Class</i>
	3. Varies based on declared major	3. Varies based on declared major	<i>WBL 13 Advisory</i>
	4. Varies based on declared major	4. Varies based on declared major	
	5. Varies based on declared major	5. Varies based on declared major	
	6. Varies based on declared major	6. Varies based on declared major	
	<i>College Credit Varies</i>	<i>College Credit Varies</i>	

Select Internships provided by Steering Committee

14	1. Varies based on declared major	1. Varies based on declared major	<i>EC ELA Support Class</i>
	2. Varies based on declared major	2. Varies based on declared major	<i>EC Math Support Class</i>
	3. Varies based on declared major	3. Varies based on declared major	<i>WBL 14 Advisory</i>
	4. Varies based on declared major	4. Varies based on declared major	
	5. Varies based on declared major	5. Varies based on declared major	
	6. Varies based on declared major	6. Varies based on declared major	
	<i>College Credit Varies</i>	<i>College Credit Varies</i>	

Select Internships provided by Steering Committee