Cyber P-TECH USA at Sam Houston HS
Crosswalk

Program of Study	IHE Partner	Program Offered in 2018-2019? (Y/N)	Expected Program Student Outcomes
Cyber Security/Information Technology	St. Philip's College	N	Acquisition of several certifications and degree in program of study

Year / Grade Level	High School Course		High School Credits	Post-Secondary Course		College Credit Hours
	PEIMS Course/Code #	High School Course Name		Texas Common Course Numbering System Number	College Course Name	
Year 0 / Grade 8	03100500	Algebra I	1			
Total Year 0 High School Credits			**0-1**	**Total Year 0 College Credit Hours**		**0**
Year 1 / Grade 9	03220100	English I/ PAP English I	1			
Year 1 / Grade 9	03100500/03100600	Algebra I/Algebra II	1			
Year 1 / Grade 9	A3360100	World Geo/AP Human Geography	1			
Year 1 / Grade 9	03010207	Biology/PAP Biology	1			
Year 1 / Grade 9	03580850/ 7729D3	Foundations of Cybersecurity	1	1308	ITNW 1308- Implementing & Supporting Client Operating Systems	3
Year 1 / Grade 9	N1290001	AVID	1			
Year 1 / Grade 9		Foreign Language (*i.e. Spanish I*)	1			
Year 1 / Grade 9		Elective/P.E.	1			
Total Year 1 High School Credits			**8**	**Total Year 1 College Credit Hours**		**3**
Year 2/ Grade 10	03220200	English II/ PAP English II	1			
Year 2/ Grade 10	03100600/03100600	Algebra II/Geometry	1			
Year 2/ Grade 10	A3370100	World History/AP World History	1			
Year 2/ Grade 10	03010207	Chemistry/PAP Chemistry	1			
Year 2/ Grade 10	13027410/ 7716	Networking/ Lab	2	1425 **AND** 2412	ITNW 1425 – Fundamentals of Networking Tech. and ITNW 2412Routers	**4 AND 4**
Year 2/ Grade 10	A3580300/ 2747	AP Computer Science Principles	1	1336 AND 1316	COSC 1336 Programming Fundamentals and ITSC 1316 Linux Installation and Configuration	3 AND 3
Year 2/ Grade 10		Fine Art	1			
Year 2/ Grade 10		Foreign Language (*e.g. Spanish II*)	1			
Year 2/ Grade 10		Elective (*e.g. Art I*)	1			
Total Year 2 High School Credits			**10**	**Total Year 2 College Credit Hours**		**14**
Year 3/Grade 11	03220300	English III/AP English III	1	1301/1302	English Comp. I/English Comp. II	3
Year 3/Grade 11	03100600/03101100	Algebra II/PAP Pre-Calc.	1			
Year 3/Grade 11	A3340100	US History/AP US History	1	1342 **AND** 2301	ITSY 1343 – Information Technology Security AND ITSY 2301 – Firewalls and Network Security	**3 AND** 3
Year 3/Grade 11	03050000	Physics	1			
Year 3/Grade 11	N1302803/ 7718D	Internetworking I	1	1413 **AND** 2405	ITNW1413 Computer Virtualization AND ITNW 2405 – Network Administration	**4 AND** 4
Year 3/Grade 11	13028000/ 7721	Practicum of IT I	2			
Year 3/Grade 11	03350100	Psychology	0.5	2301	General Psychology	3
Year 3/Grade 11		Elective (*e.g. Music I*)	1			
Total Year 3 High School Credits			**8.5**	**Total Year 3 College Credit Hours**		**20**
Year 4/Grade 12	03220400	English IV/AP English IV	1	1301/1302	English Comp. I/English Comp. II	3
Year 4/Grade 12	A3100101	PreCal/AP Calculus AB	1	1314	College Algebra	3
Year 4/Grade 12	A3310200/A3330100	Eco/AP Eco & AP US Gov't/Gov't	(1)			
Year 4/Grade 12	A3010200	Anatomy and Physiology/AP Biology	1			
Year 4/Grade 12	N1302804/ 7727D3	Fall Internetworking II	1	2442 **AND** 2443	ITSY 2442 – Incident Response and Handling **AND** ITSY 2443 – Computer System Forensics	4 AND 4
Year 4/Grade 12	03580360/ 2708D3	Spring Digital Forensics	1	2430 **AND** 2286	ITSY 2430 – Intrusion Detection **AND** ITSY 2286 – Internship, Computer & Information Systems Security	**4 AND** 2
Year 4/Grade 12	13028010/ 7728D	IT Practicum II	2			
Year 4/Grade 12	03241400	Communications Applications	0.5	1321	SPCH – Business & Professional Communication	3
Year 4/Grade 12	03150200	Elective (*e.g. Music II*)	1			
Total Year 4 High School Credits			**9.5**	**Total Year 4 College Credit Hours**		**23**
Optional Year 5				*Relevant or Core College Course*		3
Optional Year 6						
Total Years 5 & 6 High School Credits				**Total Years 5 & 6 College Credit Hours**		**3**
Total High School Credits			**36**	**Total College Credit Hours**		**63**