



## Bob Hope P-TECH Crosswalk HVAC-R

### Level One Certificate

9th Grade					
HS PEIMS Code	HS Course Name	CR	TX Common Course #	College Course Name	SCH
3220100	English 1	1			
3010200	Biology	1			
3320100	World Geography/ History	1			
3100600	Geometry	1			
PES00052	PE	1			
3440100	Spanish I	1			
13011400	BUSIM 1	1			
	Elective	1			
	Elective	1			
	<b>Total Year 1 High School Credits</b>	<b>9</b>		<b>Total Year 1 College Credit Hours</b>	<b>0</b>

10th Grade					
HS PEIMS Code	HS Course Name	CR	TX Common Course #	College Course Name	SCH
3220200	English 2	1			
3040000	Chemistry	1			
3340400	World History	1			
3100600	Algebraic Reasoning	1			
3440200	Spanish II	1			
3500100	Art 1	0.5	ARTS 1301	Art Appreciation	3
N1290050	College Transition	0.5	EDUC 1300	Learning Frameworks	3
13005800	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I	0.5	HART 1310	HVAC Shop Practices & Tools (Fall)	3
		0.5	HART 1341	Residential Air Conditioning (Spring)	3
	Electives	2			
	<b>Total Year 2 High School Credits</b>	<b>9</b>		<b>Total Year 2 College Credit Hours</b>	<b>12</b>

11th Grade					
HS PEIMS Code	HS Course Name	CR	TX Common Course #	College Course Name	SCH
3220300	English 3	1			
3340100	US History	1			
IHE11100	Math, IHE Endorsed	0.5	MATH 1324	Math for Business & Social Sciences	3
3500100	Art 1	0.5	MUSI 1310	American Music	3
3050000	Physics	1			
13004220	Principles of Construction	0.5	HART 1300	HVAC Duct Fabrication (Fall)	3
		0.5	HART 1356	EPA Recovery Certification Prep. (Spring)	3
13005600	Electrical Technology I	0.5	HART 1307	Refrigeration Principles (Fall)	3
		0.5	HART 1345	Gas & Electric Heating (Spring)	3
13011500	BUSIM 2	1			
	Electives	2			
	<b>Total Year 3 High School Credits</b>	<b>9</b>		<b>Total Year 2 College Credit Hours</b>	<b>18</b>

12th Grade					
HS PEIMS Code	HS Course Name	CR	TX Common Course #	College Course Name	SCH
3220400	English 4	1			
See chart below	Science Elective	1			
3100700	Algebra 2	1			
3330100	Government	0.5			
A3310100	Economics	0.5			
13005900	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II	0.5	HART 1303	AC Principles (Fall)	3
		0.5	HART 1301	Basic Electricity for HVAC (Fall)	3
		0.5	HART 2331	Adv. Electricity for HVAC (Spring)	3
		0.5	HART 2338	AC Installation & Startup (Spring)	3
	Electives	3			
	<b>Total Year 4 High School Credits</b>	<b>9</b>		<b>Total Year 4 College Credit Hours</b>	<b>12</b>
	<b>Total High School Credit Hours</b>		<b>36</b>	<b>Total College Credit Hours</b>	<b>42</b>

**Science Electives- Forensics** (13029500), **Criminal Investigation** (13029550), and **Environmental** (A3020000)  
**Social Studies Options- US History, World Geography, World History, Economic/ Govt**  
**Electives-** Theatre, Art 1 and 2, Band, Mariachi Band, Piano, Orchestra, Jazz Band, Athletics, Advanced Health, Prin. EDTR, Fashion Design, Child Development, Principals of Human Services, Principles of Information Technology, Broadcast Journalism