Merkel P-TECH Curriculum Alignment

Participating High School:	Program of Study	IHE Partner	Degree/Certification:
Merkel High School	Web Design and Development	Texas State Technical College	Level 1 Certificate: PHP Developer

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 1/Grade 9	03220100	English I	1			
Year 1/Grade 9	03100500	Algebra I	1			
Year 1/Grade 9	03010207 or 03060201	Biology or IPC	1			
Year 1/Grade 9	03320100 or 03340400	World Geo or World History	1			
Year 1/Grade 9	03440100	Spanish I	1			
Year 1/Grade 9	03XXXXX	Fine Arts	1			
Year 1/Grade 9	PES000XX	PE/Athletics	1			
Year 1/Grade 9	13027200	Principles of Information Technology	1			
		Total Year 1 High School Credits	**8**		**Total Year 1 College Credit Hours**	**0**
Year 2/Grade 10	03220200	English II	1			
Year 2/Grade 10	03100700	Geometry	1			
Year 2/Grade 10	03010200 or 03040000	Biology or Chemistry	1			
Year 2/Grade 10	03340400	World History or Elective	1			
Year 2/Grade 10	03440200	Spanish II	1			
Year 2/Grade 10	XXXXXXXX	Elective	1			
Year 2/Grade 10	XXXXXXXX	Elective	1			
Year 2/Grade 10	N1302809	Foundations of User Experience	1	IMED 1371	UI/UX Design	3
				ITSE 1311	Beginning Web Programming	3
		Total Year 2 High School Credits	**8**		**Total Year 2 College Credit Hours**	**6**
Year 3/Grade 11	03220300	English III	1			
Year 3/Grade 11	03100600	Algebra II	1			
Year 3/Grade 11	03040000 or 03050000	Chemistry or Physics	1			
Year 3/Grade 11	03340100	US History	1			
Year 3/Grade 11	XXXXXXXX	Elective	1			
Year 3/Grade 11	XXXXXXXX	Elective	1			
Year 3/Grade 11 Semester 1	35808200	Web Design	1	IMED 1316	Web Design	3
				ITSE 2313	Web Authoring	3
Year 3/Grade 11 Semester 2	N1302814	Advanced User Experience Design	1	IMED 2315	Web Design II	3
		Total Year 3 High School Credits	**8**		**Total Year 3 College Credit Hours**	**9**
Year 4/Grade 12	03220400	English IV	1			
Year 4/Grade 12	03101100 or 03102XXX	Precalculus or Advanced Math	1			
Year 4/Grade 12	XXXXXXXX	Advanced Science	1			
Year 4/Grade 12	03330100	Government	1			
Year 4/Grade 12	03330300	Economics	1			
Year 4/Grade 12	XXXXXXXX	Elective	1			
Year 4/Grade 12	XXXXXXXX	Elective	1			
Year 4/Grade 12 Semester 1	N1302814	Project Based Research	1	ITSE 2302	Intermediate Web Programming	3
				ITSE 1303	Introduction to MySQL	3
Year 4/Grade 12 Semester 2	13028000	Practicum in Information Technology	2	ITSE 1306	PHP Programming	3
				IMED 2359	Internet Server Management	3
		Total Year 4 High School Credits	**10**		**Total Year 4 College Credit Hours**	**12**
		Total High School Credits	**34**		**Total College Credit Hours**	**27**