

Merkel P-Tech Curriculum Alignment						
Participating High School:	Program Of Study:	IHE Partner:	Degree/Certification:			
Merkel High School	Diagnostic and Therapeutic Services	Cisco College	CNA Certification (Prereq for vocational nursing)			
Industry Based Certification: Certified Nurse Aid (CNA)						
High School Course				Post-Secondary Course		
Year/Grade Level	PIEMS Course/Code #		High School Credits	Common Numbering System	College Course Name	College Credit Hours
Year 1/Grade 9	3220100	English I	1			
Year 1/Grade 9	3100500	Algebra I	1			
Year 1/Grade 9	03010207 or 03060201	Biology or IPC	1			
Year 1/Grade 9	03320100 or 03340400	World Geography or World History	1			
Year 1/Grade 9	3440100	Spanish I	1			
Year 1/Grade 9	03XXXXX	Fine Arts	1			
Year 1/Grade 9	PESoooXX	PE/Athletics	1			
Year 1/Grade 9	13020200	Principles of Health Science	1	HPRS 1101	Intro to Health Professions SPRING Sem	1
Total Year 1 High School Credits			8		Total Year 1 College Credit Hours	1
Year 2/Grade 10	3220200	English II	1			
Year 2/Grade 10	3100700	Geometry	1			
Year 2/Grade 10	03010200 or 03040000	Biology or Chemistry	1			
Year 2/Grade 10	3340400	World History or Elective	1			
Year 2/Grade 10	3440200	Spanish II	1			
Year 2/Grade 10	XXXXXX	Elective	1			
Year 2/Grade 10	XXXXXX	Elective	1			
Year 2/Grade 10	13020300	Medical Terminology	1	MDCA 1313	Medical Terminology	3
				PHRA 1305	Drug Classification	3
Total Year 2 High School Credits			8		Total Year 2 College Credit Hours	6
Year 3/Grade 11	3220300	English III	1	ENGL 1301	Comp. I	3
Year 3/Grade 11	3100600	Algebra II	1	ENGL 1302	Comp II	3
Year 3/Grade 11	03040000 or 03050000	Chemistry or Physics	1			
Year 3/Grade 11	3340100	US History	1	HIST 1301	US History I	3
Year 3/Grade 11	XXXXXX	Psychology	0.5	PSYC 2301	General Psychology (Fall)	3
Year 3/Grade 11	XXXXXX	Human Growth and Deveopment	0.5	PSYC 2314	Lifespan, Growth, and Development	3
Year 3/Grade 11	XXXXXX	Elective	1	SOCI 1301	Sociology	3
Year 3/Grade 11	XXXXXX	Elective	1	SPCH 1315	Professional Speaking	3
Year 3/Grade 11	13020400	Health Science and Theory	1			
Total Year 3 High School Credits			8		Total Year 3 College Credit Hours	24
Year 4/Grade 12	3220400	English IV	1	ENGL 2322	Brit Lt	3
				ENGL 2327	American Lit	3
Year 4/Grade 12	03101100 or 03102XXX	Precalculus or Advanced Math	1	MATH 1314	College Algebra	3
				MATH 2412	College Pre-Calculus	3
Year 4/Grade 12	13020600	Anatomy and Physiology	1	Biol 2401	Anatomy and Physiology I	4
Year 4/Grade 12				Biol 2402	Anatomy and Physiology II	4
Year 4/Grade 12	3330100	Government	0.5	GOVT 2305	College Government	3
Year 4/Grade 12	3330300	Economics	0.5	ECON 2301	College Economics	3
Year 4/Grade 12	XXXXXXXX	Elective	1	SPCH 1315	Professional Speaking	3
Year 4/Grade 12	XXXXXXXX	Elective	1			
Year 4/Grade 12	13020500	Practicum in Health Science	2		All practicum students will participate in CNA program through Education Service Center Region 14	
Total Year 4 High School Credits			8		Total Year 4 College Credit Hours	29
Total High School Credits			32		Total College Credits	60