



## College and Career Readiness School Model Secondary and Postsecondary Course Crosswalk

Field of Study (ECHS) Program of Study (P-TECH)	IHE Partner	Postsecondary Degree or Credential
Structural Welding	TSTC	Structural Welding Cert 1

Class Year Grade Level	High School Course				Postsecondary Course				
	Semester Taken	PEIMS Course Code #	High School Course Name	High School Credits	Dual Credit Eligibility	Postsecondary Course Abbreviation	College Course Name	College Credit Hours	
Year 1 / Grade 9	Fall/Spring	03220100	English 1	1					
Year 1 / Grade 9	Fall/Spring	03010200	Biology	1					
Year 1 / Grade 9	Fall/Spring	03100500	Algebra 1	1					
Year 1 / Grade 9	Fall/Spring	03320100	World Geography	1					
Year 1 / Grade 9	Fall/Spring	03440100	Spanish 1	1					
Year 1 / Grade 9	Fall/Spring		PE/Athletics	1					
Year 1 / Grade 9	Fall/Spring	13004220	Principles of Construction	1					
Year 1 / Grade 9	Fall/Spring	03100600	Elective	1					
<b>Total Year 1 High School Credits</b>				<b>8</b>				<b>Total Year 1 College Credit Hours</b>	
Year 2 / Grade 10	Fall/Spring	03220200	English II	1					
Year 2 / Grade 10	Fall/Spring	03100700	Geometry	1					
Year 2 / Grade 10	Fall/Spring	03040000	Chemistry	1					
Year 2 / Grade 10	Fall/Spring	03340400	World History	1					
Year 2 / Grade 10	Fall/Spring	03440200	Spanish II	1					
Year 2 / Grade 10	Fall	N1303684	Blueprint for Manufacturing	1		WLDG 1313	Intro to Blueprint	3	
Year 2 / Grade 10	Fall	N1303687	Intro to Film Int for Weld	1		WLDG 1407	Intro to Welding	4	
Year 2 / Grade 10	Spring	13032250	Intro to Welding	1		WLDG 1428	Intro to SMAW	4	
	Summer	13002310	Ag Struct Design and Fab			WLDG 1417	Intro to Layout and Fab	4	
<b>Total Year 2 High School Credits</b>				<b>8</b>				<b>Total Year 2 College Credit Hours</b>	<b>15</b>
Year 3 / Grade 11	Fall/Spring	03220300	English III	1					
Year 3 / Grade 11	Fall/Spring	12701410	Technical Calculations	1		TECM 1303	Technical Calculations	3	
Year 3 / Grade 11	Fall/Spring	03040000	Chemistry	1					
Year 3 / Grade 11	Fall/Spring	03340100	US History	1					
Year 3 / Grade 11	Fall/Spring		Fine Art	1					
Year 3 / Grade 11	Fall	13032300	Welding 1	1		WLDG 1434	Intro to GTAW	4	
Year 3 / Grade 11	Spring	13002210	Ag Mech and Metal Tech	1		WLDG 1457	Inter SMAW	4	
Year 3 / Grade 11	Fall/Spring	N1290030	PTECH PATH 3	1					
	Summer	13032400	Welding 2			WLDG 2413	Inter. Welding	4	
<b>Total Year 3 High School Credits</b>				<b>8</b>				<b>Total Year 3 College Credit Hours</b>	<b>15</b>
Year 4 / Grade 12	Fall/Spring	03320400	English IV	1					
Year 4 / Grade 12	Fall/Spring	03100600	Algebra II	1					
Year 4 / Grade 12	Fall/Spring	13020600 or 13029500	Anatomy and Physiology or Forensic Science	1					
Year 4 / Grade 12		13002350	Ag Equip Design and Fab	1		WLDG 2435	Adv. Layout & Fab	4	
Year 4 / Grade 12		13033000	Pract of Man 1 <sup>st</sup> Time	1		WLDG 2443	Advanced SMAW	4	
Year 4 / Grade 12	Fall/Spring		Elective	1					
Year 4 / Grade 12	Fall/Spring		Elective	1					
Year 4 / Grade 12	Fall/Spring		PTECH PATH 4	1					
<b>Total Year 4 High School Credits</b>				<b>8</b>				<b>Total Year 4 College Credit Hours</b>	<b>8</b>
<b>Total High School Credits</b>				<b>32</b>				<b>Total College Credit Hours</b>	<b>38</b>

Postsecondary Outcomes	
College Credit Hours	
Occupational Skill Award(s)	
Industry-Based Certification(s)	AWS D9.1
Certificates	
Associate Degree	