

Participating ISD:		PTAA School		Career Pathway Program – 4-yr Plan REVIEWED PENDING APPROVAL/CPR/1/26/2017				Participating Colleges:		Richland College			
Participating HS:		PTAA Greenville Campus		(Recommended Graduation Plan)				Certificate:		No Certificate			
HS Plan:		STEM & Manufacturing		Academic Year 2018 – 2019				AAS Degree:		Electrical Engineering Technology, AAS			
HIGH SCHOOL/SECONDARY								COLLEGE/POSTSECONDARY					
Periods	9th		10th		11th		12th		Year 5		Year 6		
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Semester I (Fall)	Semester II (Spring)	Semester III	Semester IV	
1	English I		English II		English III		#1520 English IV (I) ENGL 1301 Composition I		#1521 English IV (II) ENGL 1302 Composition II		(+) Dual Credit Fine Arts Appreciation options: See counselor/advisor for placement #4400/4410 Arts I (DC) <i>ARTS 1301 – Art Appreciation</i> #4047 Dance 1 (DC) <i>DANC 2303 – Dance Appreciation</i> #4128 Theatre I (DC) <i>DRAM 1310 – Introduction to Theatre</i> #1547 Humanities (DC) <i>HUMA 1315 -- Fine Art Appreciation</i> #4356 Music History (DC) <i>MUSI 1306 -- Music Appreciation</i>		
2	Algebra I		Geometry		Algebra II		: #2850 Pre-Calculus MATH 1314 College Algebra		: #2851 Pre-Calculus MATH 1316 Plane Trigonometry				
3	World Geography		World History		US History		: #2314 Government <i>(AP US Government)</i>		: #2352 Economics ECON 2301 Macroeconomics				
4	Biology		Chemistry		Physics <i>**If a student takes Physics in Grade 8, then that student will need to choose another science subject</i> Engineering Design & Problem Solving satisfies 1 Unit of a HS Science graduation requirement. Scientific Research & Design satisfies 1 Unit of a HS Science graduation requirement.		: #7875 Scientific Research and Design (SCRID) I Physics I PHYS 1401 College Physics I		Pending CARAC Approval CTE SCRID II CHEM 1411 General Chemistry I				
5	#7838 MAPS (TSI Preparation)		World Languages I		World Languages II		World Languages III		Dual Credit MATH options: See counselor/advisor for placement #2850 Pre-Calculus (Sem 1) <i>MATH 1314 - College Algebra</i> #2850 Pre-Calculus (Sem 2) <i>MATH 1316 - Plane Trigonometry</i>				
6	Fine Arts		Fine Arts (+) Appreciation of Art, Music, Theatre, Dance : #1943 Comm. Apps. SPCH 1311 Intro to Speech		: #6163 Principles of Manufacturing MCHN 1201 Beg. Machine Shop				#TBD - Dual Credit Course Number to Be Decided		<i>science credits in order to graduate at the distinguished level of achievement.</i>		
7	Health : #7996 Principles of Info Tech ITSC 1401 Intro to Computers				: #7712 AC/DC Circuits CETT 1403 AC Circuits		: #7713 AC/DC Circuits CETT 1405 DC Circuits		: #6219 Practicum in STEM INTC 1457 AC/DC Motor Control		: #6220 Practicum in STEM CETT 1457 Linear Integrated Circuits		
8	PE				: #6210 Diversified Manufacturing II HYDR 1445 Hydraulics & Pneumatics		: #7673 Digital Electronics CETT 1425 Digital Fundamentals		: #7674 Solid State Electronics CETT 1429 Solid State Devices		: #6209 Diversified Electronics I INMT 1417 Industrial Automation		
High School Courses			Dual credit courses				Courses in red are NOT part of the Certificate or AAS degree.				College courses that are NOT taught as dual credit		