

Participating ISD:	Pioneer Technology & Arts Academy	Career Pathway Program – 4-yr Plan CI	Participating Colleges:	El Centro , Richland, Mountain View Colleges
Participating HS:	Mesquite and Greenville	(Recommended Graduation Plan)	Certificate:	Networking Associate Certificate (Cisco Certified Networking Associate)
HS Plan:	IT / Computer Information Tech (STEM)	Academic Year 2018 – 2019	AAS Degree:	Network Administrator and Support AAS; CCNA Specialization; Security Specialization

HIGH SCHOOL/SECONDARY								COLLEGE/POSTSECONDARY				
Periods	9 th		10 th		11 th		12 th		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 Engl IV (I) ENGL 1301 Composition I	#1521 Engl IV (II) ENGL 1302 Composition II		(+) Dual Credit Fine Arts Appreciation options: See counselor/advisor for placement #4403 Studio Art I (DC) Sem1 ARTS 1301 – Art Appreciation #8878 Dance Appreciation 1 (DC) DANC 2303 – Dance Appreciation #8845 Theatre I (DC) Sem1 DRAM 1310 – Introduction to Theater #8853 Theatre I (DC) Sem2 DRAM 2361 -- History of Theater I #8837 Music Appreciation (DC) Sem2 MUSI 1306 -- Music Appreciation		
2	Geometry		Algebra II		#2723 AQR (*) MATH 1332 Contemporary Math	#2724 Independent Study Math I (*) MATH 1324 Mathematics for Bus & Social Science	#TBD Internetworking Technology I (I) ITCC 2476 Cisco III – Scaling Networks	#TBD Internetworking Technology I (II) ITCC 2477 Cisco IV – Connecting Networks				
3	World History		US History		US Government		Economics					
4	Biology		Chemistry		Physics **If a student takes Physics in Grade 8, then that student will need to choose another science credit in Grade 11 in order to receive 4 science credits.		#TBD Digital Forensics (I) ITSY 1400 Fundamentals of Info Security	#TBD Digital Forensics (II) ITSY 1442 Info Technology Security				
5	#7838 MAPS (TSI Preparation)		World Languages I		World Languages II					(*) Dual Credit MATH options: See counselor/advisor for placement Any one course required for AAS; options for second Math required for high school: #2723 Advanced Quantitative Reasoning MATH 1332- Contemporary Math I #2918 Independent Study MATH 1324- Math for Business & Social Science #2850 Pre-Calculus (Sem 1) MATH 1314 - College Algebra #2850 Pre-Calculus (Sem 2) MATH 1316 - Plane Trigonometry		
6	Fine Arts		PE (0.5 credit)	#1943 Comm. Applications SPCH 1311 – Intro to Speech Communication	Fine Arts Appreciation, Art, Music or Dance (+)	#2430 Psychology PSYC 2301 General Psych.	#TBD Telecomm and Networking ITNW 1425 Fundamentals of Networking Technologies or ITNW 1458 Network +	New course request ITSY 2400 Operating Systems Security				
7	#7520 OR 7731/7732 Principles of Info Tech ITSC 1401 Intro to Computers (not required in AAS)	PE (0.5 credit)	#TBD Computer Maintenance (I) ITSC 1405 Intro to PC Operating Systems	#TBD Computer Maintenance (II) ITSC 1425 PC Hardware	#TBD Internetworking Technology I (I) ITCC 1414 Cisco I – Intro to Networking	#TBD Internetworking Technology I (II) ITCC 1440 Cisco II – Routing & Switching Essentials						
8		Health (0.5 credit)					#TBD Research in Information Technology Solutions ITSC 1191 Special Topics in Info Science	New course request ITNW 1408 Implementing & Supporting Client OS		** - Students must have 4 science credits in order to graduate at the distinguished level of achievement.	#TBD - Dual Credit Course Number to Be Decided	
Total possible college credits completed in high school = 70												
High School Courses			Certificate (Dual Credit)		Dual credit courses		Courses in red are NOT part of the Certificate or AAS degree.			College courses that are NOT taught as dual credit		