

8493															
middle school credit			8800	12700110	PBS Future Lab 7th/8th							COLOR KEY			
middle school credit			8810	12700110	STEM Future Lab 7th/8th							TEA Designated Advanced Courses			
Education & Health Wellness			8459	13024200	Principle of Human Services							Optional Courses in the Program of Study-consider prerequisites			
Engineering & Renewable Energy			8729	13036200	Principles of Applied Engineering							Course Number Pending			
												Career Prep			
Middle School Magnet Programs															
						6th Grade			7th Grade			8th Grade			
General MS Magnet Courses						8806	Local	Career Investigations (Magnet only)	8812	Local	Leadership Investigations (Magnet only)	8813/8814	130021 & 13009900	Future Investigation A&B	
Jones STEM									7125	13036200	Principles of Applied Engineering & Biotechnology (JONES STEM)	7126	03580140	Fundamentals of Computer Science & Robotics (JONES STEM)	
Zachry Cyber									8815	13027200	Principles of Information Technology (ZACHRY CYBER)	7106	03580140	Fundamentals of Computer Science (ZACHRY CYBER)	
Hobby Health Science									8340	N1302103 exp. TBD	Introduction to Pharmacy Science	8493	13020200	Principles of Health Science (HOBBY)	
Jordan Multimedia															
Career & Technical Education High School Courses															
Endorsement	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Business & Industry	Business, Marketing, and Finance	Business Management	8206	13011200	Principles of Business, Marketing & Finance	8216	13011400	Foundations of Business and Technologies (TEA Level 1 Course)	8227 8226	13012100	Business Management Business Management D	8229	13012200	Practicum in Business Management(2CR)	
Business & Industry		Accounting & Financial Services (Students MUST complete 4 classes + A-F certification for CCMR)	8206	13011200	Principles of Business, Marketing & Finance	8307	13016200	Money Matters (TEA Level 1 Course)	8310	1301660	Accounting I (TEA Level 2 Course)	8315	13016400	Securities and Investments	
Business & Industry		Marketing & Sales (Students MUST complete 4 credits+ A-F certification for CCMR)	8206	13011200	Principles of Business, Marketing & Finance	8219	N1303424 exp. TBD	Marketing	8655 8224	13034600 13034650	Sports and Entertainment Mkt. (.5CR) AND (TEA Level 2 Course) Social Media Marketing (.5CR)	8657	13016400	Practicum in Marketing (2CR)	
		Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4
Business & Industry or STEM w/ extra Math/Science		Information Technology Support & Services	Web Development	8500	13027200	Principles of Information Technology	8526 8526ADV	3580820	Web Design Adv. Web Design (TEA Level 3 Course)	8519	03580830	Web Game Development	8510	13028000	Practicum in Information Technology- Web Development (2CR)
Business & Industry or STEM w/ extra Math/Science			Programming & Software Development	7104 7320	A3580300 A3580300	AP Computer Science Principles OR OnRamps Computer Science (TEA Level 2 Course)	7110	3580200	Advanced Computer Science I	7214 5970 7210	A3580110 AND A3580120 03580300	AP Computer Science A 1 (2.0) OR Computer Science II H	7310	03580350	Computer Science III H
Business & Industry or STEM w/ extra Math/Science	Cybersecurity		8500	13027200	Principles of Information Technology	8546 8490	3580850	Foundations of Cybersecurity Foundations of Cybersecurity D (TEA Level 1 Course)	8542 8491	13027400	Networking Networking D	8547 8492	03580855	Cybersecurity Capstone Cybersecurity Capstone D	
	Cluster		Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4
Business & Industry	ications		Graphic Design & Interactive Media - Graphic Design	8176	13008200	Principles of Arts , AV Technology, and Communication	8155 8197	13008800	Graphic Design and Illustration I Graphic Design and Illustration I D	8156 8198	13008910	Graphic Design and Illustration I/Lab (2CR) Graphic Design and Illustration I/Lab D (2CR)	8157 8199	13009000	Practicum in Graphic Design and Illustration (2CR) Practicum in Graphic Design and Illustration D (2CR)

Business & Industry	Arts, Audio Visual Technology, and Communication	Digital Communications - Audio Video Production	8176	13008200	Principles of Arts , AV Technology, and Communication	8153	13008500	Audio Video Production I	8154 8189	13008610	Audio Video Production II/Lab (2CR) Audio Video Production II/Lab D (2CR)	8149 XXXX	13008610	Practicum in Audio/Video Production (2CR) Practicum in Audio/Video Production D (2CR)
Business & Industry		Graphic Design & Interactive Media - Animation	8176 8184	13008200	Principles of Arts , AV Technology, and Communication	8151	13008300	Animation I	8152	13008410	Animation II/Lab (2CR)	8167	13008450	Practicum in Animation (2CR)
Business & Industry		Graphic Design & Interactive Media - Commercial Photography	8176 8184	13008200	Principles of Arts , AV Technology, and Communication	8158	13009100	Commercial Photography I	8159	13009210	Commercial Photography II/Lab (2CR)	8188	13009250	Practicum in Commercial Photography (2CR)
Business & Industry		Graphic Design & Interactive Media - Fashion Design	8183	13008200	Principles of Arts, AV Tech, and Comm- Fashion	8160	13009300	Fashion Design I	8161	13009400	Fashion Design II/Fashion Design II Lab (2CR)	8162	13009500	Practicum in Fashion Design (2CR)
Cluster		Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4
Business & Industry or STEM w/ extra Math/Science	Architecture and Construction	Architectural Drafting & Design	8098	13004210	Principles of Architecture	8104	13004600	Architectural Design I	8106	13004700	Architectural Design II (2CR)	8127	13004800	Practicum in Architectural Design (2CR)
Business & Industry		Carpentry (Students MUST complete 4 classes + A-F certification for CCMR)	8099	13004220	Principles of Construction	8139	13004210	Construction Science (Principles of Architecture)	8111 8181	13005100	Construction Technology I (2CR) Construction Technology I D (2CR)	8112 8187	13005200	Construction Technology II (2CR) Construction Technology II D (2CR)
								(TEA Level 1 Course)			(TEA Level 2 Course)			(TEA Level 3 Course)
Business & Industry		Carpentry Pilot (Clark, Marshall & Stevens HS only)	8099	13004220	Principles of Construction	8111	13005100	Construction Technology I (2CR)	8112	13005200	Construction Technology II (2CR)	8192	13005250	Practicum in Construction Technology (2CR)
Cluster		Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4
Business & Industry	Manufacturing	Welding	8601	13032250	Introduction to Welding	8613 8614	13032300	Welding I (2CR) Welding I D (2CR)	8615 8617	13032400	Welding II (2CR) Welding II D (2CR)	8616 8618	13033000	Practicum in Manufacturing (2CR) Practicum in Manufacturing D (2CR)
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Business & Industry	Transportation, Distribution, and Logistics	Automotive & Collision Repair	8759	13039250	Principles of Transportation Systems	8766	13039550	Automotive Basics <u>OR</u>	8752 8758	13039600	Automotive Technology I (2CR) <u>OR</u> <del>Automotive Technology I D (2CR)</del>	8753 8757	13039700	Automotive Technology II (2CR) <u>OR</u> <del>Automotive Technology II D (2CR)</del>
						8765	13039750	Basic Collision Repair and Refinishing	8754	13039800	Collision Repair (2CR)	8756	13039900	Paint and Refinishing (2CR)
								(TEA Level 1 Course)			(TEA Level 2 Course)			(TEA Level 3 Course)
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Public Service	Education Training	Early Learning	8450	13024200	Principles of Human Services	8462	13024700	Child Development	8461 8463	13024800	Child Guidance (2CR) Child Guidance D (2CR)	8464	13014520	Practicum in Early Learning (2CR)

Public Service	Educ and T	Teaching and Training	8450	13024200	Principles of Human Services	8462	13024700	Child Development	8252	13014400	Instructional Practices (2CR)	8253 8262	13014500 13014510	Practicum in Education & Training (2CR) Practicum in Education & Training (2nd Time Taken)(2CR)	
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Public Service	Human Services	Cosmetology & Personal Care Services				8469	13025100	Introduction to Cosmetology (1CR) <b>FALL</b> 2 periods <b>AND</b>	8470	13025200	Cosmetology I (2CR)	8471	13025300	Cosmetology II (2CR)	
						8473	13025050	Principles of Cosmetology Design & Color Theory (1CR) <b>SPRING</b> 2 periods							
Publice Service		Health & Wellness	8450	13024200	Principles of Human Services	8448	13024500	Lifetime Nutrition and Wellness (.5CR) <b>AND</b>	8449	N1302541 exp. TBD	Applied Nutrition and Dietetics	8458	13025000	Practicum in Human Services (2CR)	
						8452	13024400	Interpersonal Studies (.5CR)							
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Business & Industry	Hospitality and Tourism	Culinary Arts	8422	13022550	Introduction to Culinary Arts	8420 8423	13022600	Culinary Arts (2CR) Culinary Arts D (2CR)	8424 8427	13022650	Advanced Culinary Arts (2CR) Advanced Culinary Arts D (2CR)	8421 8428	13022700	Practicum in Culinary Arts (2CR) Practicum in Culinary Arts D (2CR) <b>AND/OR</b>	
						8430			13023000			Food Science			
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Public Service or STEM w/ extra Math/Science	Health Science	Diagnostic & Therapeutic Services	8352	13020200	Principles of Health Science	8358 8399	13020300	Medical Terminology Medical Terminology D	8356	13020400	Health Science Theory OR	8363	13020500	Practicum in Health Science-Phlebotomy & EKG(2CR) <b>OR</b>	
									8373			13020500	Practicum in Health Science - Medical Assistant (2CR) <b>OR</b>		
									8357	13020410	Health Science Theory/Clinical (2 CR)	8369	13020500	Practicum in Health Science-Patient Care Technician (2CR) <b>OR</b>	
									8350			13020950	Pharmacology		
		Optional Prog. of Study Course(s)							8380 8379 8376	13020600	Anatomy & Physiology Anatomy & Physiology H Anatomy & Physiology Medical Microbiology				
									8361			13020700			
Public Service or STEM w/ extra Math/Science		Diagnostic & Therapeutic Services - EMT	8352	13020200	Principles of Health Science	8358 8399	13020300	Medical Terminology Medical Terminology D	8664	13020400	Health Science Theory- EMT <b>AND</b>	8563	N1303015 exp. 25-26	Emergency Medical Technician-Basic (2CR)	
									8380 8379 8376	13020600	Anatomy & Physiology Anatomy & Physiology H Anatomy & Physiology D			(TEA Level 3 Course)	
Public Service or STEM w/ extra Math/Science		Exercise Science, Wellness & Restoration	8431	N1302107 exp. TBD	Principles of Exercise Science and Wellness	8386	N1302104 exp. TBD	Kinesiology I	8380 8379 8376	13020600	Anatomy & Physiology Anatomy & Physiology H Anatomy & Physiology D	8388	N1302124 exp. TBD	Kinesiology II	
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Public Service	Law and Public Service	Law Enforcement	8550	13029200	Principles of Law, Public Safety, Corrections, & Security Principles of Law, Public Safety, Corrections, & Security D	8554	13029550	Criminal Investigations	8552	13029300	Law Enforcement I	8556	13029400	Law Enforcement II	
			8571								(TEA Level 2 Course)			(TEA Level 3 Course)	
		Optional Prog. of Study Course(s)							8553	13029300	Forensic Science (TEA Level 4 course) (advanced course)				
		Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4

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Business & Industry	Architecture & Construction	Construction Management and Inspection- CCA <small>(Students MUST complete 4 classes + A-F certification for CCMR)</small>	8096	13004220	Principles of Construction M	8097 8612	13004210	Principles of Architecture Principles of Architecture D	8108 8140	13004900	Construction Management I M (2CR) Construction Management I D (2CR)	8130 8133	13005000	Construction Management II M (2CR) Construction Management II D (2CR)				
								(TEA Level 1 Course)			(TEA Level 2 Course)			(TEA Level 3 Course)				
Business & Industry		Carpentry- CCA <small>(Students MUST complete 4 classes + A-F certification for CCMR)</small>	8096	13004220	Principles of Construction M	8097 8612	13004210	Principles of Architecture M Principles of Architecture D	8107 8141	13005100	Construction Technology I M (2CR) Construction Technology I D (2CR)	8129 8142	13005200	Construction Technology II M (2CR) Construction Technology II D (2CR)				
Business & Industry		Plumbing and Pipefitting-CCA	8096	13004220	Principles of Construction M	8119 8132	13006000	Plumbing Technology I M Plumbing Technology I D	8120 8144	13006100	Plumbing Technology II M (2CR) Plumbing Technology II D (2CR)	8165 8185	13005250	Practicum in Construction Technology-Plumbing M (2CR) Practicum in Construction Technology-Plumbing D M (2CR)				
Business & Industry		Electrical- CCA	8096	13004220	Principles of Construction M	8115 8145	13005600	Electrical Technology I M Electrical Technology I D	8116 8146	13005700	Electrical Technology II M (2CR) Electrical Technology II D (2CR)	8166 8186	13005250	Practicum in Construction Technology-Electrical M (2CR) Practicum in Construction Technology-Electrical D M (2CR)				
Business & Industry or STEM w/ extra Math/Science	Engineering	Civil Engineering - CCA	8096	13004220	Principles of Construction M (elective only)	8728	TBD	Civil Engineering I TBD	8731	TBD	Civil Engineering II TBD	8767	13037400	Practicum in STEM- Civil Engineering M (2CR)				
	Communications Arts																	
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4				
Business & Industry	Arts, Audio Visual Technology, and Communications	Graphic Design & Interactive Media CA- Animation	8175	13008200	Principles of Arts, Audio/Visual Technology & Communication M	8522 8521	13027800	Digital Media M Digital Media D	8171	13008300	Animation I M OR (TEA Level 2 Course)	8172	13008410	Animation II/Lab M (2CR)				
									8190	13008310	Animation I/Lab M (2CR) (TEA Level 2 Course)				(TEA Level 3 Courses)			
								Optional Prog. of Study Course(s)										
								Digital Communications CA- Audio Video Production	8175	13008200	Principles of Arts, Audio/Visual Technology & Communication M	8179 8518	3580610	Digital Communications of the 21st Century M Dig Comm 21st Century D M	8173	13008500	Audio Video Production I M OR (TEA Level 2 Course)	8168 8163
		8191	13008510	Audio Video Production I/Lab (2CR) (TEA Level 2 Course)	(TEA Level 3 Course)													
NSITE																		
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4				
Business & Industry	Business, Marketing & Finance	Entrepreneurship- NSITE	8203	13011200	Principles of Business, Marketing & Finance AND	8653 8643	13034400	Entrepreneurship I M Entrepreneurship I D M	8673 8674	13011102	Entrepreneurship II M Entrepreneurship II D M	8658 8675	13011111	Practicum in Entrepreneurship-VEI (2CR) Practicum in Entrepreneurship D M (2CR)				
			8502	13027200	Principles of Information Technology (elective only)													
Business & Industry or STEM w/ extra Math/Science	Information Technology	Cybersecurity- NSITE	7104	A3580300	AP Computer Science Principles AND (TEA Level 2 Course)	8544 8595	N1302803 exp. 27-28	Cyber Internetworking I M Cyber Internetworking I D M	8548 8596	N1302804 exp.27-28	Cyber Internetworking II M Cyber Internetworking II D M	8549 8725 8597	13028000	Practicum in Information Technology Cyber- VEI M (2CR) OR Practicum in Information Technology Cyber M (2CR) Practicum in Information Technology Cyber D M (2CR)				
			8203	13011200	Principles of Business, Marketing & Finance (elective only)													



Business & Industry or STEM w/ extra Math/Science	Information Technology Support & Services	Programming & Software Development- NSITE	7104	A3580300	AP Computer Science Principles M AND	7110 5969	3580200	Advanced Computer Science I Advanced Computer Science I D	7215 7216 & 5971	A3580110 AND A3580120	AP Computer Science A I M AP Computer Science A I D M OR	8594	13028000	Practicum in Information Technology-VEI (2CR) OR	
8203			13011200	Principles of Business, Marketing & Finance (elective only)	7212 7213				3580300	Computer Science II H M Computer Science II H D M	8726 8736	13028000	Practicum in Information Technology CS/Prog(2CR) Practicum in Information Technology CS/Prog D (2CR)		
LMS															
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Public Service or STEM w/ extra Math/Science	Health Science	Diagnostic & Therapeutic Services LMS - Emergency Medical Technician Basic	8533	13020200	Principles of Health Science M	8358 8399	13020300	Medical Terminology Medical Terminology D	8664	13020410	Health Science Theory- EMT AND	8563	N1303015 exp. 25-26	Emergency Medical Technician-Basic (2CR)	
									8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology D Anatomy & Physiology H			(TEA Level 3 Course)	
			Exercise Science, Wellness & Restoration LMS	8533	13020200	Principles of Health Science M	8349 8349ADV	N1302128 exp.TBD	Physical Therapy I M Adv. Physical Therapy I M	8366	13020410	Health Science Theory-Physical Therapy M AND	8364	13020500	Practicum in Health Science - Physical Therapy M (2CR)
							(TEA Level 3 Course)	8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D					
Public Service or STEM w/ extra Math/Science		Nursing Science LMS <small>(Students MUST complete 4 classes + A-F certification for CCMR)</small>	8533	13020200	Principles of Health Science M	8564	N1302109	Principles of Nursing M	8565	N1302129 exp. TBD	Science of Nursing M AND	8566	13021230	Practicum in Nursing M (2CR)	
								(TEA Level 1 Course)	8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D				
Public Service or STEM w/ extra Math/Science		Diagnostic & Therapeutic Services LMS	8533	13020200	Principles of Health Science M	8358 8399	13020300	Medical Terminology Medical Terminology D	8330	13020410	Health Science Theory-Medical Assisting OR	8331	13020500	Practicum in Health Science - Medical Assisting M (2CR) OR	
									8332	13020410	Health Science Theory- Pharmacy Technician	8333	13020500	Practicum in Health Science- Pharmacy Technician M (2CR)	
									8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D				
Public Service		Law and Public Service	Law Enforcement LMS	8570 8571	13026200	Principles of Law, Public Safety, Corrections, & Security M Principles of Law, Public Safety, Corrections, & Security D	8573	13029300	Law Enforcement I M	8574	13029400	Law Enforcement II M AND	8598	13030100	Practicum in Law, Public Safety, Corrections & Security-Law Enf M (2CR)
	Optional Prog. of Study Course(s)								8553	13029500	Forensic Science (TEA Level 4 course) (advanced course)				
									8576	13029550	Criminal Investigations M (TEA Level 2 course)				
	Legal Studies LMS		8570 8571	13026200	Principles of Law, Public Safety, Corrections, & Security M Principles of Law, Public Safety, Corrections, & Security D	8572 8558	13029600	Court Systems & Practices M Court Systems & Practices D	8575	N1303014	Legal Research and Writing M AND	8599	13030100	Practicum in Law, Public Safety, Corrections & Security-Legal M (2CR)	
	Optional Prog. of Study Course(s)									8553	13029400	Forensic Science (TEA Level 4 Course) (advanced course)			
Public Service	Government & Public Administration LMS		8570 8571	13026200	Principles of Law, Public Safety, Corrections, & Security M Principles of Law, Public Safety, Corrections, & Security D	8581	13018300	Political Science I M	8583	13018700	Planning & Governance M	8587	13019000	Practicum in Local, State and Federal Government M (2CR)	

		Optional Prog. of Study Course(s)							8588	N1301820 exp. 25-26	Dimensions of Diplomacy M (advanced course)						
	Agriculture Science and Technology Academy																
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4			
Business & Industry or STEM w/ extra Math/Science	Agriculture, Food, and Natural Resources	Animal Science	8050	13000200	Principles of Agriculture, Food, and Natural Resources M	8051 8051ADV 8031	13000300	Livestock & Poultry Production Livestock & Poultry Production D M	8048	13000600	Veterinary Science AND/OR (TEA Level 4 Course)	8064 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Animal Science (2CR) Practicum in Agriculture, Food, & Natural Resources-Animal Science D (2CR)			
			8065		Principles of Agriculture, Food, and Natural Resources H M				8053 8078	130007000	Advanced Animal Science Advanced Animal Science D M						
									(TEA Level 3 Course)							(TEA Level 4 Course)	
Business & Industry or STEM w/ extra Math/Science		Plant Science		8050	13000200	Principles of Agriculture, Food, and Natural Resources M	8057 8057ADV 8047	13001800	Floral Design Floral Design D AND/OR	8069 8046	13001850	Advanced Floral Design Advanced Floral Design D AND/OR	8068 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Plant Science (2CR) Practicum in Agriculture, Food, & Natural Resources-Plant Science D (2CR)		
				8065		Principles of Agriculture, Food, and Natural Resources H M				(TEA Level 3 Course)							
								8049 8089	13002050	Greenhouse Operation & Production Greenhouse Operation & Production D M	8060 8067	13002100				Advanced Plant & Soil Science Advanced Plant & Soil Science D	
																(TEA Level 4 Course)	
Business & Industry or STEM w/ extra Math/Science		Agricultural Technology & Mechanical Systems		8050 8065	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8061 8091	13002200	Agriculture Mechanics & Metal Technologies Agriculture Mechanics & Metal Technologies D	8062 XXXX	13002300	Agricultural Structures Design & Fabrications Agricultural Structures Design & Fabrications D	8070 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Ag Tech & Mec (2CR) Practicum in Agriculture, Food, & Natural Resources-Ag Tech & Mec D (2CR) AND/OR		
												8042	13002350	Agriculture Equipment Design & Fabrication M			
Business & Industry or STEM w/ extra Math/Science		Food Science & Technology		8050 8065	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8080 8083	13001300	Food Technology and Safety M Food Technology and Safety D M	8081 8084	13001410	Food Processing/Lab M (2CR) Meat Processing/Lab M (2CR)	8082 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Food Processing M (2CR) Practicum in Agriculture, Food, & Natural Resources-Food Processing D M (2CR)		
				Optional Prog. of Study Course(s)											8430	13023000	Food Science (TEA Level 4 Course) (advanced course)
			Optional ASTA Electives	8056 8066	13001500	Wildlife, Fisheries & Ecology Mgt. Wildlife, Fisheries & Ecology Mgt. D	8214 8214ADV 8217 8221	12701500 12701510 12701520	Leadership in Ag. 1 Leadership in Ag. 2 Leadership in Ag. 3 (advanced course)								
	CAST																
	Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4			
Public Service	Education and Training	Early Learning	8230	13014200	Principles of Education and Training M	8231	13024700	Child Development M	8232 8463	13024800	Child Guidance M (2CR) Child Guidance D (2CR)	8261	13014520	Practicum in Early Learning M (2CR)			
Publice Service		Teaching and Training	8230	13014200	Principles of Education and Training M	8231	13024700	Child Development M	8233	13014400	Instructional Practices M (2CR)	8260 8260MD	13014500	Practicum in Education & Training M (2CR) Practicum in Education & Training M D (2CR)			