

POS Course Alignment Master

COLOR KEY																	
TEA Designated Advanced Courses																	
Optional Courses in the Program of Study-consider prerequisites																	
Course Number Pending																	
Career Prep																	
TEA A-F Aligned Certifications																	
Performance Acknowledgement Certification																	
Entry Level Certification																	
Comprehensive Middle School		8800	12700110	PBS Future Lab 7th/8th													
		8810	12700110	STEM Future Lab 7th/8th													
		8459	13024200	Principle of Human Services													
		8729	13036200	Principles of Applied Engineering													
Magnets Middle School																	
		8806	Local	Career Investigations (Magnet only)													
					8812	Local	Leadership Investigations (Magnet only)	8813/8814	N1130021 & 13009900	Future Investigation A&B							
					7125	13036200	Principles of Applied Engineering & Biotechnology (JONES STEM)	7126	03580140	Fundamentals of Computer Science & Robotics (JONES STEM)							
					8815	13027200	Principles of Information Technology (ZACHRY CYBER)	7106	03580140	Fundamentals of Computer Science (ZACHRY CYBER)							
						N1302103 exp. TBD	Introduction to Pharmacy Science (HOBBY HEALTH)	8493	13020200	Principles of Health Science (HOBBY HEALTH)							
Career & Technical Education High School Courses																	
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, 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 1) Entrepreneurship and Small Business Certification (ESB) 2) Microsoft Office Specialist Word Expert 3) Microsoft Office Specialist Excel Expert 4) MOS Master (Expert Word/Excel)		8229	13012200	Practicum in Business Management(2CR) 1) Entrepreneurship and Small Business Certification (ESB) 2) Microsoft Office Specialist Word Expert 3) Microsoft Office Specialist Excel Expert 4) MOS Master (Expert Word/Excel)	
	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) 1) Microsoft Office Specialist Excel Expert 2) Intuit QuickBooks Certified User		8315	13016400	Securities and Investments 1) Microsoft Office Specialist Excel Expert	
	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	13034600	Sports and Entertainment Mkt. (.5CR) AND (TEA Level 2 Course) Social Media Marketing (.5CR)		8657	13016400	Practicum in Marketing (2CR) 1) Business of Retail: Certified Specialist 2) Retail Merchandising - Job Ready 3) Customer Service and Sales: Certified Specialist	
										8224	13034650	1) Stukent Social Media Marketing Certification (Sunsetting-only 5 students will count for CCMR)					
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
Information Technology Support & Services	Web Development	8500	13027200	Principles of Information Technology		8526 8526 ADV	3580820	Web Design Adv. Web Design (TEA Level 3 Course) 1) Information Technology Specialist: HTML and CSS		8519	03580830	Web Game Development		8510	13028000	Practicum in Information Technology- Web Development (2CR) 1) Certified Web and Mobile App Developer Apprentice	
	Programming & Software Development	7104	A3580300	AP Computer Science Principles OR (TEA Level 2 Course)		7110	3580200	Advanced Computer Science I		7214 5970	A3580110 A3580120	AP Computer Science A 1 (2.0) QR 1) IT Specialist-Java 2) CodeHS Python Level 1 Certification (Sunsetting-only 5 students will count for CCMR) Computer Science II H		7310	03580350	Computer Science III H 1) IT Specialist-Java	
		7320	A3580300	OnRamps Computer Science (TEA Level 2 Course)					7210	03580300	1) IT Specialist-Java 2) CodeHS Python Level 1 Certification (Sunsetting-only 5 students will count for CCMR)						
		Cybersecurity	8500	13027200	Principles of Information Technology		8546 8490	3580850	Foundations of Cybersecurity Foundations of Cybersecurity D (TEA Level 2 Course) 1) CompTIA Tech+		8542 8491	13027400	Networking Networking D 1) CompTIA Network+ 2) IT Specialist Networking		8547 8492	03580855	Cybersecurity Capstone Cybersecurity Capstone D 1) CompTIA Security +
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
Arts	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 1) Adobe Certified Professional (ACP) Photoshop		8156 8198	13008910	Graphic Design and Illustration II/Lab (2CR) Graphic Design and Illustration II/Lab D (2CR) 1) Adobe Certified Professional (ACP) Illustrator		8157 8199	13009000	Practicum in Graphic Design and Illustration (2CR) Practicum in Graphic Design and Illustration D (2CR) 1) Adobe Certified Professional (ACP) After Effects	

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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 III/Lab (2CR) Audio Video Production II/Lab D (2CR) 1) Adobe Certified Professional (ACP) Photoshop	8149 XXXX	13008610	Practicum in Audio/Video Production (2CR) Practicum in Audio/Video Production D (2CR) 1) Adobe Certified Professional (ACP) Premiere Pro				
	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) 1) Adobe Certified Professional (ACP) After Effects				
							1) Adobe Certified Professional (ACP) Photoshop			1) Adobe Certified Professional (ACP) Illustrator							
	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) 1) Adobe Certified Professional (ACP) After Effects				
							1) Adobe Certified Professional (ACP) Photoshop			1) Adobe Certified Professional (ACP) Illustrator							
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) 1) Retail Merchandising-Job Ready (NOCTI 440)					
									1) Retail Merchandising-Job Ready (NOCTI 440)			1) Retail Merchandising-Job Ready (NOCTI 440)					
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
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) 1) Autodesk Revit Certified User				
										1) Autodesk Revit Certified User			1) Autodesk Revit Certified User				
	Carpentry (Students MUST complete 4 classes + A-F certification for CCMR)	8099	13004220	Principles of Construction	8139	13004210	Construction Science (Principles of Architecture) (TEA Level 1 Course)	8111 8181	13005100	Construction Technology I (2CR) Construction Technology I D (2CR) (TEA Level 2 Course)	8112 8187	13005200	Construction Technology II (2CR) Construction Technology II D (2CR) (TEA Level 3 Course)				
							1) OSHA 10-Hour Construction Industry			1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry			1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry				
	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) 1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry				
1) OSHA 10-Hour Construction Industry							1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry			1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry							
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
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)				
				1) OSHA 10-HR Manufacturing	1) (AWS) American Welding Society, D9.1, D1.1		1) (AWS) American Welding Society, D9.1, D1.1			1) (AWS) American Welding Society, D9.1, D1.1							
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
Transportation, Distribution, and Logistics	Automotive & Collision Repair	8759	13039250	Principles of Transportation Systems	8766	13039550	Automotive Basics OR	8752 8758	13039600	Automotive Technology I (2CR) OR Automotive Technology I+D (2CR)	8753 8757	13039700	Automotive Technology II (2CR) OR Automotive Technology II+D (2CR)				
							1) Alldata Information Specialist			1) ASE - Refrigerant & Recovery 2) ASE Entry-Level			1) ASE - Refrigerant & Recovery 2) ASE Entry-Level				
							Basic Collision Repair and Refinishing (TEA Level 1 Course)			8754			13039800	Collision Repair (2CR) (TEA Level 2 Course)	8756	13039900	Paint and Refinishing (2CR) (TEA Level 3 Course)
1) Alldata Information Specialist	1) ASE - Refrigerant & Recovery 2) ASE Entry-Level	1) ASE - Refrigerant & Recovery 2) ASE Entry-Level															
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
Education and 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) 1) Educational Aide I				
										1) Educational Aide I 2) Heartsaver CPR/AED/First Aid			1) Educational Aide I				
	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)				
1) Educational Aide I 2) Heartsaver CPR/AED/First Aid										1) Educational Aide I							
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1		Crse #	PEIMS #	NISD LEVEL 2		Crse #	PEIMS #	NISD LEVEL 3		Crse #	PEIMS #	NISD LEVEL 4	
Human Services	Cosmetology & Personal Care Services			No Level 1 Courses	8469	13025100	Introduction to Cosmetology (1CR) FALL 2 periods AND	8470	13025200	Cosmetology I (2CR)	8471	13025300	Cosmetology II (2CR)				
					8473	13025050	Principles of Cosmetology Design & Color Theory (1CR) SPRING 2 periods			1) BARBICIDE® Certification			1) Cosmetology Operator License 2) OSHA 10-Hour - Cosmetology				
	Health & Wellness	8450	13024200	Principles of Human Services	8448	13024500	Lifetime Nutrition and Wellness (.5CR) AND	8449	N1302541 exp. TBD	Applied Nutrition and Dietetics	8458	13025000	Practicum in Human Services-Health & Wellness (2CR)				
					8452	13024400	Interpersonal Studies (.5CR) OR			1) AAFCS: Pre-Professional Certification in Nutrition, Food, and Wellness			1) AAFCS: Pre-Professional Certification in Nutrition, Food, and Wellness				
8462					13024700	Child Development											
Optional Prog. of Study								pending	13024600	Counseling & Mental Health							

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Course(s)								Counseling & Mental Health				NISD LEVEL 4		
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Hospitality and Tourism	Culinary Arts	8422	13022550	Introduction to Culinary Arts	8420 8423	13022600	Culinary Arts (2CR) Culinary Arts D (2CR) 1) Food Handlers Program	8424 8427	13022650	Advanced Culinary Arts (2CR) Advanced Culinary Arts D (2CR) 1) ServSafe Food Manager QR 2) Food Protection Manager 3) Certified Fundamentals Cook	8421 8428	13022700	Practicum in Culinary Arts (2CR) Practicum in Culinary Arts D (2CR) AND/OR	
													1) ServSafe Food Manager QR 2) Food Protection Manager 3) Certified Fundamentals Cook	
													Food Science	
													1) AAFCS-Pre-Professional Assessment and Certification in Food Science Fundamentals	
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
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 1) Basic Life Support (BLS) Healthcare Provider	8363	13020500	Practicum in Health Science-Phlebotomy & EKG(2CR) OR	
													1) Phlebotomy Technician (CPT) 2) Certified EKG Technician (CET)	
													Practicum in Health Science - Medical Assistant (2CR) . OR	
				3) Certified Clinical Medical Assistant (CCMA)										
	Optional Prog. of Study Course(s)			1) Heartsaver CPR/AED/First Aid				8357	13020410	Health Science Theory/Clinical (2 CR) 1) Basic Life Support (BLS) Healthcare Provider	8369	13020500	Practicum in Health Science-Patient Care Technician (2CR) OR	
													4) Patient Care Technician (PCT)	
													Pharmacology	
														5) Pharmacy Technician (CPhT)
	Diagnostic & Therapeutic Services - EMT	8352	13020200	Principles of Health Science	8358 8399	13020300	Medical Terminology Medical Terminology D	8664	13020400	Health Science Theory- EMT AND 1) Basic Life Support (BLS) Provider	8563	N130301 5 exp. 25- 26		Emergency Medical Technician-Basic (2CR) (TEA Level 3 Course)
														1) Emergency Medical Technician Basic
2) Basic Life Support (BLS) Provider														
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	N130212 4 exp. TBD
	1) AAFCS Pre-Professional Nutrition, Food & Wellness 2) Certified Personal Trainer													
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Law and Public Service	Law Enforcement	8550 8571	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 (TEA Level 2 Course) 1) Non-Commissioned Security Officer Level 2 2) Heartsaver CPR/AED/First Aid	8556	13029400	Law Enforcement II (TEA Level 3 Course)	
													1) Non-Commissioned Security Officer Level 2	
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	
Engineering	Engineering Foundations	8700	13036200	Principles of Applied Engineering	8721	13032900	Manufacturing Engineering Technology I 1 Certified Solidworks Associate (CSWA) 2) Certified Solidworks Associate-Additive Manufacturing	8701	13036500	Engineering Design & Presentation I-Robotics	8702	13036600	Engineering Design & Presentation II- Robotics (2CR) OR	
													1) Certified Solidworks Associate (CSWA) 2) Certified Solidworks Professionals (CSWP)	
										Practicum in Engineering (2CR)				
													1) Certified Solidworks Associate (CSWA) 2) Certified Solidworks Professionals (CSWP)	
Energy	Renewable Energy	8700	13036200	Principles of Applied Engineering	8744	13036800	AC/DC Electronics- Renewable Energy	8745	13036900	Solid State Electronics- Renewable Energy 1) HBI Pre-Apprenticeship Certificate Training (PACT), Core	8746	13037400	Practicum in STEM-Renewable Energy (2CR)	
													1) HBI Pre-Apprenticeship Certificate Training (PACT), Basic Electrical	
Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #	NISD LEVEL 4	
Not Identified	JROTC Aerospace	5621	03160100	Aerospace Science I	5622	03160200	Aerospace Science II	5623	03160300	Aerospace Science III	5624	03160400	Aerospace Science IV	
	JROTC Navel	5611	03160100	Naval Science I	5612	03160200	Naval Science II	5613	03160300	Naval Science III	5614	03160400	Naval Science IV	
												8009	12701131	Career Prep General I (first time taken)
Career Prep	Career Prep	Career Preparation Program of Study counts as the Level 4 course in a program of study when the employment aligns with the student's program of study and has taken one Level 2 course or higher within the program of study. Career Preparation General is for students who do not have a job aligned with their program of study or have not taken CTE courses before.										8010	12701132	Career Prep General II (second time taken)
												8011	12701141	Career Prep Prog. of Study I (first time taken)
												8012	12701142	Career Prep Prog. of Study II (second time taken)
MAGNETS														

MAGNETS

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Jay Science and Engineering 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
Engineering	Engineering Foundations- SEA	8703	13036200	Principles of Applied Engineering M	8722	13032900	Manufacturing Engineering Technology I M	8708	13036500	Engineering Design & Presentation I M	8732	13036600	Engineering Design & Presentation II M (2CR) OR 1) AutoCAD Certified Associate, 2) Autodesk Revit Arch/Structure
										1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA)	8716	13037400	Practicum in STEM-Engineering Science M (2CR) 1) AutoCAD Certified Associate, 2) Autodesk Revit Arch/Structure
Manufacturing	Robotics and Automation Technology-SEA (Students MUST complete 4 classes + A-F certification for CCMR)	8703	13036200	Principles of Applied Engineering M	8722	13032900	Manufacturing Engineering Technology I M	8733	13037000	Robotics I M (TEA Level 2 Course)	8734	13037050	Robotics II M 1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA)
										1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA)	8768	13037400	Practicum in STEM-Robotics M (2CR) 1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA)
Health Science	Biomedical Science-SEA	8717	13036300	Principles of Biosciences M	8719	13036400	Biotechnology I M	8720	13036450	Biotechnology II M	8724	13037400	Practicum in STEM-Bioscience M (2CR)
								8337	13020700	Medical Microbiology M			1) Biotechnician Assistant Credentialing Exam (BACE)
Information Technology Support & Services	Programming & Software Development	7104	A3580300	AP Computer Science Principles M (1.0) Or	8770	3580380	Game Programming and Design M 1) Unity Certified User: Programmer	7215 5971	A3580110 A3580120	AP Computer Science A 1 M (2.0)	8769	13037400	Practicum in STEM-Computer Science M (2CR)
		7320	A3580300	Onramps Computer Science (1.0) (TEA Level 2 Course)						1) IT Specialist-Java			1) IT Specialist-Java
		Health Careers HS											
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Health Science	Diagnostic & Therapeutic Sevices HC - Dental	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Health Science Theory M AND Adv. Health Science Theory M (TEA Level 3 Course)	8374	13020500	Practicum in Health Science-Dental M (2CR)	8365	13020510	Practicum in Health Science-Dental M (2CR)
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377ADV 8379 8376	13020600	Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D			1) Registered Dental Assistant X-Ray Certification Application PROCESS			
	Diagnostic & Therapeutic Sevices HC- Medical Assistant	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Health Science Theory M AND Adv. Health Science Theory M (TEA Level 3 Course)	8391	13020500	Practicum in Health Science- Off Campus Clinical M (2CR) OR 1) Basic Life Support (BLS) Healthcare Provider	8390	13020510	Practicum in Health Science - Medical Assistant M (2CR)
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377 8377ADV 8379 8376	13020600	Anatomy & Physiology M Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)	8389	13020500	Practicum in Health Science- On Campus Clinical M (2CR)			1) Certified Clinical Medical Assistant (CCMA)
	Diagnostic & Therapeutic Sevices HC- Sterile Processing	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Health Science Theory M AND Adv. Health Science Theory M (TEA Level 3 Course)	8391	13020500	Practicum in Health Science- Off Campus Clinical M (2CR) OR 1) Basic Life Support (BLS) Healthcare Provider	8392	13020510	Practicum in Health Science - Sterile Processing M (2CR)
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377 8377ADV 8379 8376	13020600	Anatomy & Physiology M Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)	8389	13020500	Practicum in Health Science- On Campus Clinical M (2CR)			1) Sterile Processing & Distribution Technician (CSPD)
	Diagnostic & Therapeutic Sevices HC- Pharmacy Technician	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Health Science Theory M AND Adv. Health Science Theory M (TEA Level 3 Course)	8394	13020500	Practicum in Health Science -Pharmacy Technician M (2CR)	8539	13020510	Practicum in Health Science -Pharmacy Technician M (2CR)
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377 8377ADV 8379 8376	13020600	Anatomy & Physiology M Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)			1) Basic Life Support (BLS) Healthcare Provider			1) Pharmacy Technician CPhT
	Diagnostic & Therapeutic Sevices HC - Clinical Lab	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Health Science Theory M AND Adv. Health Science Theory M (TEA Level 3 Course)	8337	13020700	Medical Microbiology M AND	8395	13020500	Practicum in Health Science-Clinical Lab M(2CR)
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377 8377ADV 8379 8376	13020600	Anatomy & Physiology M Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)	8387	13020800	Pathophysiology M 1) Basic Life Support (BLS) Healthcare Provider			1) Certified Phlebotomy Technician (CPT)
								Health Science Theory M AND	8337	13020700	Medical Microbiology M AND		

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	Diagnostic & Therapeutic Sevices HC- Medical Research	8533	13020200	Principles of Health Science M AND	8536 8536ADV	13020400	Adv. Health Science Theory M (TEA Level 3 Course)	8387	13020800	Pathophysiology M	8396	13020500	Practicum in Health Science-Medical Research M (2CR)	
		8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)	8377 8377ADV 8379 8376	13020600	Anatomy & Physiology M Adv. Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)			1) Basic Life Support (BLS) Healthcare Provider				
	Optional Prog. of Study Course(s)								8389	13020500	Practicum in Health Science- On Campus Clinical M (2CR) (advanced course)			
Construction Careers 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	
Architecture & Construction	Architectural Drafting & Design- CCA	8096	13004220	Principles of Construction M	8105	13004600	Architectural Design I M	8147	13004700	Architectural Design II M (2CR)	8148	13004800	Practicum in Architectural Design M (2CR)	
				1) OSHA 10-Hour Construction Industry 2) NCCER Core (IF IN ARCH POS)						1) AutoCAD Certified Associate 2) Autodesk Revit Certified User			1) AutoCAD Certified Associate 2) Autodesk Revit Certified User	
	Construction Management and Inspection- CCA (Students MUST complete 4 classes + A-F certification for CCMR)	8096	13004220	Principles of Construction M	8097 8612	13004210	Principles of Architecture M Principles of Architecture D (TEA Level 1 Course)	8108 8140	13004900	Construction Management I M (2CR) Construction Management I D (2CR) (TEA Level 2 Course)	8130 8133	13005000	Construction Management II M (2CR) Construction Management II D (2CR) (TEA Level 3 Course) 1) NCCER-Carpentry Level 1	
				1) NCCER Core 2) OSHA 10-Hour Construction Industry										
	Carpentry- CCA (Students MUST complete 4 classes + A-F certification for CCMR)	8096	13004220	Principles of Construction M	8097 8612	13004210	Principles of Architecture M Principles of Architecture D (TEA Level 1 Course)	8107 8141	13005100	Construction Technology I M (2CR) Construction Technology I D (2CR) (TEA Level 2 Course)	8129 8142	13005200	Construction Technology II M (2CR) Construction Technology II D (2CR) (TEA Level 3 Course) 1) NCCER Carpentry Level 1	
				1) NCCER Core 2) OSHA 10-Hour Construction Industry						1) NCCER Carpentry Level 1				
	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) 1) NCCER Plumbing, Level 1 2) Plumbing Apprenticeship	
				1) NCCER Core 2) OSHA 10-Hour Construction Industry						1) NCCER Plumbing, Level 1 2) Plumbing Apprenticeship				
	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) 1) NCCER Electrical, Level 1	
				1) NCCER Core 2) OSHA 10-Hour Construction Industry						1) NCCER Electrical, Level 1				
	Engineering	Civil Engineering - CCA	8096	13004220	Principles of Construction M (elective only)	8728	12756050	Civil Engineering I TBD (TEA Level 3 Course)	8731	12756055	Civil Engineering II TBD (TEA Level 4 Course)	8767	13037400	Practicum in STEM- Civil Engineering M (2CR)
1) OSHA 10-Hour Construction Industry 2) NCCER Core					1) AutoCAD Certified Associate			1) AutoCAD Certified Associate, 2) Autodesk Inventor 3) Land Survey Tech I			1) AutoCAD Certified Associate, 2) Autodesk Inventor 3) Land Survey Tech I			
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	
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 (TEA Level 1 Course)	8171	13008300	Animation I M (TEA Level 2 Course) OR Animation I/Lab M (2CR) (TEA Level 2 Course)	8172	13008410	Animation II/Lab M (2CR) (TEA Level 3 Courses) 1) Toon Boom Associate: Certification in Harmony Premium1	
							1) Adobe Certified Professional (ACP) Photoshop 2) Adobe Certified Professional (ACP) Illustrator			1) Adobe Certified Professional (ACP) After Effects 2) Adobe Certified Professional (ACP) Premier Pro				
	Optional Prog. of Study Course(s)										8178	3580510	3-D Modeling and Animation-M (TEA Level 3 Course) (advanced course)	
	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 (TEA Level 1 Course)	8173	13008500	Audio Video Production I M (TEA Level 2 Course) OR Audio Video Production I/Lab (2CR) (TEA Level 2 Course)	8168 8163	13008610	Audio Video Production II/Lab M (2CR) Audio Video Production II/Lab D (2CR) (TEA Level 3 Course) 1) Adobe Certified Professional (ACP) Premiere Pro	
1) Adobe Certified Professional (ACP) Photoshop 2) Adobe Certified Professional (ACP) Illustrator							1) Adobe Certified Professional (ACP) Premiere Pro							
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, 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 1) Entrepreneurship Small Business	8658 8675	13011111	Practicum in Entrepreneurship-VEI (2CR) Practicum in Entrepreneurship D M (2CR) 1) Entrepreneurship Small Business	
		8502	13027200	Principles of Information Technology (elective only)										
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POS Course Alignment Master

Information Technology	Cybersecurity- NSITE	7104	A3580300	AP Computer Science Principles (TEA Level 2 Course) AND	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)	1) CompTIA Tech+			1) CompTIA Networking +			1) CompTIA Security + 2) CompTIA Linux		
Information Technology Support & Services	Programming & Software Development- NSITE	7104	A3580300	AP Computer Science Principles M (TEA Level 2 Course) AND	7110 5969	3580200	Advanced Computer Science I Advanced Computer Science I D	7215 7216 & 5971	A3580110 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)	1) C++ Certified Associate Programmer			7212 7213	3580300	Computer Science II H M Computer Science II H D M 1) C++ Certified Associate Programmer	8726 8736	13028000	Practicum in Information Technology CS/Prog D (2CR) 1) Certified Entry Level Python Programmer (PCEP)
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
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 1) Basic Life Support (BLS) Provider	8563	N1303015 exp. 25-26	Emergency Medical Technician-Basic (2CR) (TEA Level 3 Course)
				1) Heartsaver CPR/AED/First Aid				8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology D Anatomy & Physiology H			1) Emergency Medical Technician Basic 2) Basic Life Support (BLS) Provider
				1) Heartsaver CPR/AED/First Aid				8349 8349ADV	N1302128 exp. TBD	Physical Therapy I M Adv. Physical Therapy I M (TEA Level 3 Course)			8366 8377 8379 8376
	Nursing Science LMS (Students MUST complete 4 classes + A-F certification for CCMR)	8533	13020200	Principles of Health Science M	8564	N1302109	Principles of Nursing M	8565	N1302129 exp. TBD	Science of Nursing M AND (TEA Level 2 Course) 1) Basic Life Support (BLS) Healthcare Provider	8566	13021230	Practicum in Nursing M (2CR)
				1) Heartsaver CPR/AED/First Aid			(TEA Level 1 Course)	8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D			1) Certified Nurse Aide/Assistant 2) Phlebotomy Technician (CPT)
				1) Heartsaver CPR/AED/First Aid			8330 8332 8377 8379 8376	13020410 13020410 13020600	Health Science Theory-Medical Assisting OR Health Science Theory- Pharmacy Technician Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D	8331 8333 13020500			Practicum in Health Science - Medical Assisting M (2CR) OR 1) Certified Clinical Medical Assistant (CCMA) Practicum in Health Science- Pharmacy Technician M (2CR) 1) Pharmacy Technician CPhT
	Diagnostic & Therapeutic Services LMS	8533	13020200	Principles of Health Science M	8358 8399	13020300	Medical Terminology Medical Terminology D	8330 8332 8377 8379 8376	13020410 13020410 13020600	Health Science Theory-Medical Assisting OR Health Science Theory- Pharmacy Technician Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D	8331 8333 13020500	13020500 13020500	Practicum in Health Science - Medical Assisting M (2CR) OR 1) Certified Clinical Medical Assistant (CCMA) Practicum in Health Science- Pharmacy Technician M (2CR) 1) Pharmacy Technician CPhT
				1) Heartsaver CPR/AED/First Aid									
	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
1) Heartsaver CPR/AED/First Aid					1) Non- Commissioned Security Officer Level II								
Optional Prog. of Study Course(s)								8553 8576	13029500 13029550	Forensic Science (TEA Level 4 course) (advanced course) 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)
				1) Heartsaver CPR/AED/First Aid			1) Administrative Assisting (Noct)						
Optional Prog. of Study Course(s)								8553	13029400	Forensic Science (TEA Level 4 Course) (advanced course)			
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)
													1) Administrative Assisting (Noct)
Optional Prog. of Study Course(s)							8588	N1301820 exp. 25-26	Dimensions of Diplomacy M (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
Aariculture Science and Technoloav Academy													

POS Course Alignment Master

Agriculture, Food, and Natural Resources	Animal Science	8050 8065	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8051 8051ADV 8031	13000300	Livestock & Poultry Production Livestock & Poultry Production D M (TEA Level 3 Course) 1) Texas Beef Quality Assurance	8048	13000600	Veterinary Science (TEA Level 4 Course) AND/OR	8064 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources- Animal Science (2CR) Practicum in Agriculture, Food, & Natural Resources- Animal Science D (2CR)
								8053 8078	130007000	Advanced Animal Science Advanced Animal Science D M (TEA Level 4 Course) 1) Certified Veterinarian Assistant, Level 1 2) Elanco Fundamentals of Animal Science			
	Plant Science	8050 8065	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8057 8057ADV 8047	13001800	Floral Design Floral Design D (TEA Level 3 Course) AND/OR 1) Texas State Floral Association Level I Floral Certification	8069 8046	13001850	Advanced Floral Design Advanced Floral Design D (TEA Level 4 Course) AND/OR 1) Texas State Floral Association Level I Floral Certification	8068 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Plant Science (2CR) Practicum in Agriculture, Food, & Natural Resources-Plant Science D (2CR)
								8049 8089	13002050	Greenhouse Operation & Production Greenhouse Operation & Production D M 1) BASF Plant Science Certification			
	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 1) (AWS)- American Welding Society D1.1 and D9.1	8062 XXXX	13002300	Agricultural Structures Design & Fabrications Agricultural Structures Design & Fabrications D 1) (AWS)- American Welding Society D1.1 and D9.1	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 1) (AWS)- American Welding Society D1.1 and D9.1
											8042	13002350	Agriculture Equipment Design & Fabrication M 1) (AWS)- American Welding Society D1.1 and D9.1
	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 (advanced course)	8081 8084	13001410	Food Processing/Lab M (2CR) Meat Processing/Lab M (2CR) 1) Culinary Meat Selection & Cookery Certification	8082 XXXX	13002500	Practicum in Agriculture, Food, & Natural Resources-Food Processing M (2CR) Practicum in Agriculture, Food, & Natural Resources-Food Processing D M (2CR)
								8430	13023000	Food Science (TEA Level 4 Course) (advanced course) 1) AAFCS-Pre-Professional Assessment and Certification in Food Science Fundamentals			
	Optional ASTA Electives	8056 8066	13001500	Wildlife, Fisheries & Ecology Mgt. Wildlife, Fisheries & Ecology Mgt. D 1) Hunter's Education	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
Education and Training	Early Learning	8230	13014200	Principles of Education and Training M	8231	13024700	Child Development M	8232	13024800	Child Guidance M (2CR)	8261	13014520	Practicum in Early Learning M (2CR)
										1) Heartsaver CPR/AED/First Aid			1) Educational Aide I
	Teaching and Training	8230	13014200	Principles of Education and Training M	8231	13024700	Child Development M	8233	13014400	Instructional Practices M (2CR) 1) Heartsaver CPR/AED/First Aid	8260 8260MD	13014500	Practicum in Education & Training M (2CR) Practicum in Education & Training M D (2CR) 1) Educational Aide I