

Career & Technical Education Middle School Courses											
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
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	N1130021 & 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	xxxx	13020200	Principles of Health Science		

Career & Technical Education High School Courses															
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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	Business Information Management (TEA Level 1 Course)	8227 8226	13012100	Business Management Business Management D	8229	13012200	Practicum in Business Management(2CR)
Business & Industry		Accounting & Financial Services <small>(Students MUST complete 4 classes + A-F certification for CCMR)</small>	8206	13011200	Principles of Business, Marketing & Finance	8307	13016200	Money Matters (TEA Level 1 Course)	8310	13016600	Accounting I (TEA Level 2 Course)	8315	13016400	Securities and Investments
Business & Industry		Marketing & Sales <small>(Students MUST complete 4 credits+ A-F certification for CCMR)</small>	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)
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 or STEM w/ extra	Information Technology Support & Services	Web Development	8500	13027200	Principles of Information Technology	8526	3580820	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 <u>OR</u> OnRamps Computer Science <small>(TEA Level 2 Course)</small>	7110	3580200	Advanced Computer Science I	7214 5970 7210	A3580110 AND A3580120 03580300	AP Computer Science A 1 (2.0) <u>OR</u> Computer Science II H	7310	03580350	Computer Science III H
Business & Industry or STEM		Cybersecurity	8500	13027200	Principles of Information Technology	8546	3580850	Foundations of Cybersecurity (TEA Level 1 Course)	8542	13027400	Networking	8547	03580855	Cybersecurity Capstone

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Business & Industry	Arts, Audio Visual Technology, and Communications	Graphic Design & Interactive Media - Graphic Design	8176 8184	13008200	Principles of Arts , AV Technology, and Communication Principles of Arts , AV Technology, and Communication D	8155	13008800	Graphic Design and Illustration I	8156	13008910	Graphic Design and Illustration II/Lab (2CR)	8157	13009000	Practicum in Graphic Design and Illustration (2CR)
Business & Industry		Digital Communications - Audio Video Production	8176 8184	13008200	Principles of Arts , AV Technology, and Communication Principles of Arts , AV Technology, and Communication D	8153	13008500	Audio Video Production I	8154 8189	13008610	Audio Video Production II/Lab (2CR) Audio Video Production II/Lab D (2CR)	8149	13008610	Practicum in Audio/Video Production (2CR)
Business & Industry		Graphic Design & Interactive Media - Animation	8176 8184	13008200	Principles of Arts , AV Technology, and Communication Principles of Arts , AV Technology, and Communication D	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 Principles of Arts , AV Technology, and Communication D	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)
Endorsement		Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #
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 <i>(Students MUST complete 4 classes + A-F certification for CCMR)</i>	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)
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)
Endorsement		Cluster	Program of Study	Crse #	PEIMS #	NISD LEVEL 1	Crse #	PEIMS #	NISD LEVEL 2	Crse #	PEIMS #	NISD LEVEL 3	Crse #	PEIMS #
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)

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	Transportation, Distribution, and Logistics	Automotive & Collision Repair	8759	13039250	Principles of Transportation Systems	8766	13039550	Automotive Basics QR	8752 8758	13039600	Automotive Technology I (2CR) QR Automotive Technology I-D (2CR)	8753 8757	13039700	Automotive Technology II (2CR) QR Automotive Technology II-D (2CR)	
						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)	
Public Service	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)	
Public Service		Teaching and Training	8450	13024200	Principles of Human Services	8462	13024700	Child Development	8252	13014400	Instructional Practices (2CR)	8253	13014500	Practicum in Education & Training (2CR)	
Public Service	Human Services	Cosmetology & Personal Care Services			Principles of Human Services	8469	13025100	Introduction to Cosmetology (1CR) FALL 2 periods AND	8470	13025200	Cosmetology I (2CR)	8471	13025300	Cosmetology II (2CR)	
Public Service						8473	13025050	Principles of Cosmetology Design & Color Theory (1CR) SPRING 2 periods							
Public Service	Human Services	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 (2CR) AND/OR	
						8452	13024400	Interpersonal Studies (.5CR)				8430	13023000	Food Science	
Business & Industry	Hospitality and Tourism	Culinary Arts	8422	13022550	Introduction to Culinary Arts	8420	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) AND/OR	
						8430		13023000	Food Science						
Public Service or STEM w/ extra Math/Science	Health Science	Diagnostic & Therapeutic Services	8352	13020200	Principles of Health Science	8358	13020300	Medical Terminology Medical Terminology D	8356	13020400	Health Science Theory OR	8363	13020500	Practicum in Health Science-Phlebotomy & EKG(2CR) OR	
						8373			13020500			Practicum in Health Science - Medical Assistant (2CR) OR			
						8357			13020410			Health Science Theory/Clinical (2 CR)	8369	13020500	Practicum in Health Science-Patient Care Technician (2CR) OR
						8350			13020950			Pharmacology			
		Optional Prog. of Study Course(s)							8380 8379 8376	13020600	Anatomy & Physiology Anatomy & Physiology H Anatomy & Physiology				
									8361	13020700	Medical Microbiology				
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 837983	13020400 13020600	Health Science Theory- EMT AND Anatomy & Physiology Anatomy & Physiology H Anatomy & Physiology D	8563	N1303015 exp. 25-26	Emergency Medical Technician-Basic (2CR) (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 (TEA Level 3 Course)	

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	
Public Service	Law and Public Service	Law Enforcement	8500	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)						
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 or STEM w/ extra Math/Science	Engineering	Engineering Foundations	8700	13036200	Principles of Applied Engineering	8721	13032900	Manufacturing Engineering Technology I	8710		Robotics I	8730		Robotics II	
											(TEA Level 2 Course)			(TEA Level 3 Course)	
									8701	13036500	Engineering Design & Presentation I-Robotics	8702	13036600	Engineering Design & Presentation II- Robotics (2CR) OR	
			8727	13037400	Practicum in STEM-Engineering (2CR)										
Business & Industry or STEM w/ extra Math/Science	Energy	Renewable Energy	8700	13036200	Principles of Applied Engineering	8744	13036800	AC/DC Electronics- Renewable Energy	8745	13036900	Solid State Electronics- Renewable Energy	8746	13037400	Practicum in STEM-Renewable Energy (2CR)	
Endorsement		Career Prep	***Career Preparation I/II may count as the Level 4 course in the following programs of study when the employment parallels the program of study focus: Business Management, Accounting & Financial Services, Marketing & Sales, Web Development, Design & Interactive Media, Architectural Drafting & Design, Carpentry, Welding, Automotive & Collision Repair, Early									8009	12701305	Career Prep I	
												8010	12701400	Career Prep II	

MAGNETS

Jay Science and Engineering Academy

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 or STEM w/ extra Math/Science	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) <u>OR</u>
												8716	13037400	Practicum in STEM-Engineering Science M (2CR)
Business & Industry or STEM w/ extra Math/Science	Manufacturing	Robotics and Automation Technology- SEA <small>(Students MUST complete 4 classes + A-F certification for CCMR)</small>	8703	13036200	Principles of Applied Engineering M	8722	13032900	Manufacturing Engineering Technology I M	8733	13037000	Robotics I M	8734	13037050	Robotics II M AND
												8735	13032950	Manufacturing Engineering Technology II M (TEA Level 3 Course)
Business & Industry or STEM w/ extra Math/Science	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)
Business & Industry or STEM w/ extra Math/Science	Information Technology Support & Services	Programming & Software Development	7104	A3580300	AP Computer Science Principles M (1.0) <u>Or</u>	7111	3580200	Advanced Computer Science I M (1.0)	7215 5971	A3580110 AND A3580120	AP Computer Science A 1 M (2.0) <u>OR</u>	7311	3580350	Computer Science III H/DC M (1.0)
			7320	A3580300	Onramps Computer Science (1.0)									
					(TEA Level 2 Course)									

Health Careers HS

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
Public Service or STEM w/ extra Math/Science	Health Science	Diagnostic & Therapeutic Sevices HC - Dental	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8374	13020500	Practicum in Health Science-Dental M (2CR)	8365	13020510	Practicum in Health Science-Dental M (2CR)
						8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)						
Public Service or STEM w/ extra		Diagnostic & Therapeutic Sevices HC- Medical Assistant	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8391	13020500	Practicum in Health Science- Clinical M (2CR)	8390	13020510	Practicum in Health Science - Medical Assistant M (2CR)
						8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)						
Public Service or STEM w/ extra		Diagnostic & Therapeutic Sevices HC- Sterile Processing	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8391	13020500	Practicum in Health Science M (2CR) Clinical	8392	13020510	Practicum in Health Science - Sterile Processing M (2CR)
						8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)						
Public Service or STEM w/ extra Math/Science		Diagnostic & Therapeutic Sevices HC- Pharmacy Technician	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8394	13020500	Practicum in Health Science -Pharmacy Technician M (2CR)	8539	13020510	Practicum in Health Science -Pharmacy Technician M (2CR)
						8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)						
Public Service or STEM w/ extra		Diagnostic & Therapeutic Sevices HC - Clinical Lab	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8337	13020700	Medical Microbiology M AND	8395	13020500	Practicum in Health Science-Clinical Lab M(2CR)
						8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)	8387		Pathophysiology M			
Public Service or STEM w/ extra	Diagnostic & Therapeutic Sevices HC- Medical Research	8533	13020200	Principles of Health Science M	8536	13020400	Health Science Theory M AND (TEA Level 3 Course)	8337	13020700	Medical Microbiology M AND	8396	13020500	Practicum in Health Science-Medical Research M (2CR)	
					8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D (TEA Level 3 Course)	8387	13020800	Pathophysiology M				
		Optional Prog. of Study Course(s)							8534 8399	13020300	Medical Terminology Medical Terminology D (TEA Level 2 Course)			

Construction Careers Academy

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 or STEM w/ extra Math/Science	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)
Business & Industry		Construction Management and	8096	13004220	Principles of Construction M	8097 8612	13004210	Principles of Architecture 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)
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 (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)
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	8716	13037400

Communications Arts

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	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	8171	13008300	Animation I M <u>OR</u>	8172	13008410	Animation II/Lab M (2CR)	
								Digital Media D			Animation I/Lab M (2CR)				
								(TEA Level 1 Course)	8190	13008310	(TEA Level 2 Course)	(TEA Level 3 Courses)			
		Optional Prog. of Study Course(s)											8178	3580510	deling and Animation-M (TEA Level 3 Course)(advanced c
		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	8173	13008500	Audio Video Production I M <u>OR</u>	8168 8163	13008610	Audio Video Production II/Lab M (2CR)	
								Dig Comm 21st Century D M			(TEA Level 2 Course)			Audio Video Production II/Lab D (2CR)	
(TEA Level 1 Course)	8191							13008510	(TEA Level 2 Course)	(TEA Level 3 Course)					

NSITE														
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 & Finance	Entrepreneurship-NSITE	8203	13011200	Principles of Business, Marketing & Finance AND	8653 8643	13034400	Entrepreneurship I M Entrepreneurship I D M	8673 8674	N1303423 exp. TBD	Entrepreneurship II M Entrepreneurship II D M	8658 8675	N1303425 exp. TBD	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	N13028 03 exp. 27-28	Cyber Internetworking I M Cyber Internetworking I D M	8548 8596	N13028 04 exp.27-28	Cyber Internetworking II M Cyber Internetworking II D M	8549 8725 8597	1.3E+07	Practicum in Information Technology Cyber-VEI M (2CR) OR Practicum in Information Technology Cyber M (2CR) Practicum in Information Technology Cyber D
			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 (TEA Level 2 Course)	7110 5969	3580200	Advanced Computer Science I Advanced Computer Science I D	7215 7216	A3580110 AND	AP Computer Science A I M AP Computer Science A I D M	8510	13028000	Practicum in Information Technology-VEI (2CR) OR
			8203	13011200	Principles of Business, Marketing & Finance (elective only)									

LMS																								
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										
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)										
									8366	13020410	Physical Therapy I M			8364	13020500	Health Science Theory-Physical Therapy M AND	Practicum in Health Science - Physical Therapy M (2CR)							
Public Service or STEM w/ extra Math/Science	Health Science	Exercise Science, Wellness & Restoration LMS	8533	13020200	Principles of Health Science M	8349	N1302128 exp.TBD	(TEA Level 3 Course)	8377 8379 8376	13020600	Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D	8364	13020500	Practicum in Health Science - Physical Therapy M (2CR)										
Public Service or STEM w/ extra Math/Science	Health Science	Nursing Science LMS <small>(Students MUST complete 4 classes + A-F certification for CCMB)</small>	8533	13020200	Principles of Health Science M	8564	13020200	Principles of Nursing M (TEA Level 1 Course)	8565	N1302129 exp. TBD	Science of Nursing M AND (TEA Level 2 Course)	8566	13020500	Practicum in Health Science Nursing- CNA M (2CR)										
Public Service or STEM w/ extra Math/Science	Health Science	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 <u>OR</u> Health Science Theory- Pharmacy Technician Anatomy & Physiology M Anatomy & Physiology H Anatomy & Physiology D	8331 8333	13020500 13020500	Practicum in Health Science - Medical Assisting M (2CR) <u>OR</u> Practicum in Health Science- Pharmacy Technician M (2CR)										
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)													
Public Service		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	13029550	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

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 or STEM w/ extra Math/Science	Agriculture, Food, and Natural Resources	Animal Science	8050	13000200	Principles of Agriculture, Food, and Natural Resources M	8051 8031	13000300	Livestock Production Livestock Production D M (TEA Level 3 Course)	8048	13000600	Veterinary Medical Applications 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 4 Course)				
Business & Industry or STEM w/ extra Math/Science		Plant Science	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8050	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8057 8047	13001800	Floral Design Floral Design D (1 CR) AND/OR	8069 8046	N1300270 exp. 26-27	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			8059 8079	13002000	Horticultural Science Horticulture Science D M (TEA Level 3 Course)	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	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8050	13000200	Principles of Agriculture, Food, and Natural Resources M Principles of Agriculture, Food, and Natural Resources H M	8061 XXXX	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
				8065									8042		
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 8082	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)	8056 8066	13001500	Wildlife, Fisheries & Ecology Mgt. Wildlife, Fisheries & Ecology Mgt. D	8214 8217 8221	12701500 12701510 12701520	Leadership in Ag. 1 Leadership in Ag. 2 Leadership in Ag. 3 (advanced course)						

CAST

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
Public Service	Education and Training	Early Learning	8230	13014200	Principles of Education and Training	8462	13024700	Child Development	8461 8463	13024800	Child Guidance (2CR) Child Guidance D (2CR)	8261	13014520	Practicum in Early Learning (2CR)
Public Service		Teaching and Training	8230	13014200	Principles of Education and Training	8462	13024700	Child Development	8252	13014400	Instructional Practices (2CR)	8260	13014500	Practicum in Education & Training (2CR)