

Arts, Audio Visual Technology, and Communications

Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
	Graphic Design- Design and Multimedia Arts	8176 XXXX	Principles of Arts , AV Technology, and communication Principles of Arts , AV Technology, and communication D	8155	Graphic Design and Illustration I	8156	Graphic Design and Illustration II/Lab (2CR)	8157	Practicum in Graphic Design and Illustration (2CR)
					Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator 3) InDesign		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator 3) After Effects 4) InDesign
					1-2) A-F Level		1-3) A-F Level		1-4) A-F Level
	Audio Video-Digital Communications	8176	Principles of Arts , AV Technology, and communication	8153	Audio Video Production I	8154 8163	Audio Video Production II/Lab (2CR) Audio Video Production II/Lab D (2CR)	8149	Practicum in Audio/Video Production (2CR)
					Adobe Certified Professional (ACP) 1) Premiere Pro, 2) After Effects 3) Photoshop		Adobe Certified Professional (ACP) 1) Premiere Pro, 2) After Effects 3) Photoshop		Adobe Certified Professional (ACP) 1) Premiere Pro, 2) After Effects 3) Photoshop
					1-3) A-F Level		1-3) A-F Level		1-3) A-F Level
	Animation- Design and Multimedia Arts	8176	Principles of Arts , AV Technology, and communication	8151	Animation I	8152	Animation II/Lab (2CR)	8167	Practicum in Animation (2CR)
					Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator 3) After Effects 4) Animate		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator 3) After Effects 4) Animate 5) Maya		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator 3) After Effects 4) Animate 5) Maya
					1-3) A-F Level 4) A-F Sunsetting Seniors Only (Non seniors will be a PA)		1-3) A-F Level 4) A-F Sunsetting Seniors Only (Non seniors will be a PA) 5) Performance Acknowledgement		1-3) A-F Level 4) A-F Sunsetting Seniors Only (Non seniors will be a PA) 5) Performance Acknowledgement
	Commercial Photography- Design and Multimedia Arts	8176	Principles of Arts , AV Technology, and communication	8158	Commercial Photography I	8159	Commercial Photography II/Lab (2CR)	8188	Practicum in Commercial Photography
					Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator		Adobe Certified Professional (ACP) 1) Photoshop 2) Illustrator
					1-2) A-F Level		1-2) A-F Level		1-2) A-F Level
	Fashion Design- Design and Multimedia Arts	8183	Principles of Arts, AV Tech, and Comm-Fashion	8160	Fashion Design I	8161	Fashion Design II (2CR)	8169	Practicum in Entrepreneurship - Fashion (2CR)
					National Retail Federation Foundation - Business of Retail		1) National Retail Federation Foundation - Retail Industry Fundamentals 2) Retail Merchandising-Job Ready (NOCTI 440)		Retail Merchandising-Job Ready (NOCTI 440)
					Performance Acknowledgement		1-2) Performance Acknowledgement		Performance Acknowledgement

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Architecture and Construction	Architectural Design	8098	Principles of Architecture	8104	Architectural Design I	8106	Architectural Design II (2CR)	8127	Practicum in Architectural Design (2CR)
							1) AutoCAD Certified Associate 2) Autodesk Revit Certified User		1) AutoCAD Certified Associate 2) Autodesk Revit Certified User
							1-2) A-F Level		1-2) A-F Level
	Construction Science- Carpentry (Students MUST complete 4 classes + A-F certification for CCMR)	8099	Principles of Construction	8139	Construction Science (Principles of Architecture) (TEA Level 1 Course)	8111	Construction Technology I (2CR) (TEA Level 2 Course)	8112	Construction Technology II (2CR) (TEA Level 3 Course)
		OSHA 10-Hour Construction Industry		OSHA 10-Hour Construction Industry IF NOT EARNED IN PRINCIPLES OF CONSTRUCTION		1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) OSHA 10-Hour Construction Industry IF NOT EARNED IN PRINCIPLES OF CONSTRUCTION or CONSTRUCTION SCIENCE		1) HBI Pre-Apprenticeship Certificate Training (PACT), CORE 2) HBI Pre-Apprenticeship Certificate Training (PACT), CARPENTRY	
		Performance Acknowledgement		Performance Acknowledgement		1) A-F Level 2) Performance Acknowledgement		1-2) A-F Level	
Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
Manufacturing	Welding	8601	Introduction to Welding	8613 8614	Welding I (2CR) Welding I D (2CR)	8615	Welding II (2CR)	8616	Practicum in Manufacturing (2CR)
			OSHA 10-HR Manufacturing		(AWS) American Welding Society, D9.1, D1.1		(AWS) American Welding Society, D9.1, D1.1		1) (AWS) American Welding Society, D9.1, D1.1 2) Entry-Level, Welder Certificate Level 1
			Performance Acknowledgement		A-F Level		A-F Level		1-2) A-F Level
	Robotics-Advanced Manufacturing and Machinery Mechanics (Students MUST complete 4 classes + A-F certification for CCMR)	8700	Principles of Applied Engineering	8721	Manufacturing Engineering Technology	8710	Robotics I (TEA Level 2 Course)	8730	Robotics II (TEA Level 3 Course)
				Certified Solidworks Associate-Additive Manufacturing		1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA) 3) Certified Solidworks Associate-Additive Manufacturing		1) AutoCAD Certified Associate, 2) Fusion 360 3) Certified Solidworks Associate (CSWA) 4) Certified SOLIDWORKS Professional (CSWP) 5) Certified Solidworks Associate-Additive Manufacturing	
				Performance Acknowledgement		1-2) A-F Level 3) Performance Acknowledgement		1-4) A-F Level 5) Performance Acknowledgement	
Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
Transportation, Distribution, and Logistics	Automotive	8759	Principles of Transportation Systems	8766	Automotive Basics	8752 8758	Automotive Technology I (2CR) Automotive Technology I D (2CR)	8753 8757	Automotive Technology II (2CR) Automotive Technology II D (2CR)
					1) Alldata Information Specialist 2) Entry Level ASE - Maintenance & Light Repair 3) ASE Refrigerant Recovery Recycling 4) ALI - Lift it Right		1) ASE - Refrigerant & Recovery ASE Entry-Level 2) Automotive Service & Technology 3) Automatic Transmission/ Transaxle 4) Brakes 5) Electrical/Electronic 6) Engine Performance 7) Engine Repair 8) Heating & AC 9) Manual Drivetrain 10) Axles Suspension & Steering 11) Maintenance & Light Repair		1) ASE - Refrigerant & Recovery ASE Entry-Level 2) Automotive Service & Technology 3) Automatic Transmission/ Transaxle 4) Brakes 5) Electrical/Electronic 6) Engine Performance 7) Engine Repair 8) Heating & AC 9) Manual Drivetrain 10) Axles Suspension & Steering 11) Maintenance & Light Repair
					1) Performance Acknowledgement 2-3) A-F Level 4) Entry Level		1-11) A-F Level		1-11) A-F Level
	Collision - Automotive	8759	Principles of Transportation Systems	8765	Basic Collision Repair and Refinishing	8754	Collision Repair (2CR)	8756	Paint and Refinishing (2CR)
				1) Alldata Information Specialist 2) ALI - Lift it Right		ASE - Entry-Level 1) Structural Analysis and Damage Repair, 2) Non Structural Analysis and Damage Repair, 3) Mechanical & Electrical, 4) Painting & Refinishing 5) ASE Refrigerant Recovery Recycling		ASE - Entry-Level 1) Structural Analysis and Damage Repair, 2) Non Structural Analysis and Damage Repair, 3) Mechanical & Electrical, 4) Painting & Refinishing 5) ASE Refrigerant Recovery Recycling	
				1) Performance Acknowledgement 2) Entry Level		1-5) A-F Level		1-5) A-F Level	

Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
Education and Training	Early Learning	8450	Principles of Human Services	8462	Child Development	8461 8463	Child Guidance (2CR) Child Guidance D (2CR)	8458	Practicum in Early Learning (2CR)
							1) Early Childhood Education and Care-Basic 2) Educational Aide I 3) Heartsaver CPR/AED/First Aid		1) Early Childhood Education and Care-Basic 2) Educational Aide I
							1-2) A-F Level 3) Entry Level		A-F Level
	Teaching and Training	8450	Principles of Human Services	8462	Child Development	8252 8256	Instructional Practices (2CR) Instructional Practices D (2CR)	8253	Practicum in Education & Training (Prereq Instructional Prac.) (2CR)
							1) Early Childhood Education and Care-Basic 2) Educational Aide I 3) Heartsaver CPR/AED/First Aid		Educational Aide I
							1-2) A-F Level 3) Entry Level		A-F Level
Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
Human Services	Cosmetology			8469 & 8473	Introduction to Cosmetology (1CR) FALL 2 periods & Principles of Cosmetology Design & Color Theory (1CR) SPRING 2 periods	8470	Cosmetology I (2CR)	8471	Cosmetology II (2CR)
									Cosmetology Operator License
									A-F Level
	Health & Wellness	8450	Principles of Human Services	8448	Lifetime Nutrition and Wellness (.5CR)	8449	Applied Nutrition and Dietetics	8458	Practicum in Human Services (2CR)
				8452	Interpersonal Studies (.5CR)				
							AAFCS: Pre-Professional Certification in Nutrition, Food, and Wellness A-F Level		AAFCS: Pre-Professional Certification in Nutrition, Food, and Wellness A-F Level
Cluster	Program of Study	Crse #	NISD LEVEL 1		NISD LEVEL 2		NISD LEVEL 3		NISD LEVEL 4
Hospitality and Tourism	Culinary Arts	8422	Introduction to Culinary Arts	8420 8423	Culinary Arts (2CR) Culinary Arts D (2CR)	8424 8427	Advanced Culinary Arts (2CR) Advanced Culinary Arts D (2CR)	8421	Practicum in Culinary Arts (2CR) AND/OR
					1) AAFCS-Pre-Professional in Culinary Arts 2) Food Handlers Program 3) Food Allergy Certification		1) ServSafe Food Manager OR 2) Food Protection Manager 3) Certified Fundamentals Cook		1) ServSafe Food Manager OR 2) Food Protection Manager 3) Certified Fundamentals Cook
					1) A-F Level 2-3) Entry Level		1-3) A-F Level		1-3) A-F Level

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Health Science	Healthcare Diagnostics	8352	Principles of Health Science	8358 8399	Medical Terminology Medical Terminology D	8356	Health Science Theory OR	8363	Practicum in Health Science-Phlebotomy & EKG(2CR)	
						8357	Health Science Theory/Clinical			
			Heartsaver CPR/AED/First Aid				Basic Life Support (BLS) Healthcare Provider		1) Phlebotomy Technician (CPT); 2) Certified EKG Technician (CET)	
			Entry Level				Performance Acknowledgement		1-2) A-F Level	
	Healthcare Therapeutic		8352	Principles of Health Science	8358 8399	Medical Terminology Medical Terminology D	8356	Health Science Theory OR	8373	Practicum in Health Science - Medical Assistant (2CR)
							8357	Health Science Theory/Clinical (2CR)	8369	Practicum in Health Science-Patient Care Technician (2CR)
									8350	Pharmacology
			Heartsaver CPR/AED/First Aid				Basic Life Support (BLS) Healthcare Provider		1) Certified Clinical Medical Assistant (CCMA) 2) Patient Care Technician (PCT) 3) Pharmacy Technician (CPht)	
		Entry Level				Performance Acknowledgement		1-3) A-F Level		
	Exercise Science & Wellness		8431	Principles of Exercise Science and Wellness	8386	Kinesiology I	8360 8376	Anatomy & Physiology Anatomy & Physiology D	8388	Kinesiology II (TEA Level 3 Course)
										AAFCS Pre-Professional Nutrition, Food & Wellness
										A-F Level
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Law and Public Service	EMT- Emergency Services-EMT	8500	Principles of Law, Public Safety, Corrections, & Security	8562	Disaster Response	8380 8379 8376	Anatomy & Physiology or (H) Anatomy & Physiology D	8563	Emergency Medical Technician-Basic (2CR)	
									(TEA Level 3 Course)	
			Heartsaver CPR/AED/First Aid						1) Emergency Medical Technician Basic 2) Basic Life Support (BLS)	
		Entry Level						1) A-F Level 2) Performance Acknowledgement		
	Law Enforcement		8500	Principles of Law, Public Safety, Corrections, & Security	8554	Criminal Investigations	8552	Law Enforcement I	8556	Law Enforcement II
								(TEA Level 2 Course)		(TEA Level 3 Course)
			Heartsaver CPR/AED/First Aid					Non-Commissioned Security Officer Level 2		Non-Commissioned Security Officer Level 2
		Entry Level					A-F Level		A-F Level	

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Science, Technology, Engineering, and Mathematics	Engineering	8700	Principles of Applied Engineering	8721	Manufacturing Engineering Technology	8701	Engineering Design & Presentation I	8702	Engineering Design & Presentation II (2CR)
					Certified Solidworks Associate-Additive Manufacturing		1) AutoCAD Certified Associate, 2) Certified Solidworks Associate (CSWA) 3) Certified Solidworks Associate-Additive Manufacturing		1) AutoCAD Certified Associate, 2) Fusion 360 3) Certified Solidworks Associate (CSWA) 4) Certified SOLIDWORKS Professional (CSWP) - Academic 5) Certified Solidworks Associate-Additive Manufacturing
					Performance Acknowledgement		1-2) A-F Level 3) Performance Acknowledgement		1-4) A-F Level 5) Performance Acknowledgement
	Computer Science-Programming and Software Development	7104	AP Computer Science Principles (1.0) OR	7110	Computer Science 1 Pre-AP (1.0)	7214 5970	AP Computer Science A 1 (2.0) OR	7310	Computer Science 3 H (1.0)
		7320	Onramps Computer Science (1.0) (TEA Level 2 Course)			7210	Computer Science 2 H (1.0)		
					1) IT Specialist-Python 2) IT Specialist-Java 3) IT Specialist-Javascript		1) IT Specialist-Python 2) IT Specialist-Java 3) IT Specialist-Javascript		1) Oracle Java SE 8 Programmer I 1Z0-808 2) IT Specialist-Java 3) IT Specialist-Javascript
					1) Performance Acknowledgement 2-3) A-F		1) Performance Acknowledgement 2-3) A-F		1-3) A-F Level
	Cybersecurity	8500	Principles of Information Technology	8546	Foundations of Cybersecurity (TEA Level 1 Course)	8542	Networking	8547	Cybersecurity Capstone
					1) CompTIA A+ 2) CompTIA-IT Fundamentals 3) IT Specialist Networking 4) IT Specialist Network Security		1) CompTIA A+ 2) CompTIA Network+ 3) IT Specialist Networking		1) CompTIA Security + 2) CompTIA Networking + 3) CompTIA A+ 4) CompTIA PenTest+
					1-3) A-F Level 4) Performance Acknowledgement		1-2) A-F Level		1-3) A-F Level 4) Performance Acknowledgement