



NORTH EAST INDEPENDENT SCHOOL DISTRICT

Below are the endorsements & pathways offered within each high school.

Multidisciplinary Endorsement	Arts & Humanities Endorsement	STEM Endorsement	Public Service Endorsement	Business & Industry Endorsement	
<i>Academic 4 Core</i>	<i>English</i>	<i>Advanced Math</i>	<i>Cosmetology</i>	<i>Accounting & Financial Services</i>	<i>Electrical</i>
<i>Advanced Placement & Dual Credit</i>	<i>Fine Arts</i>	<i>Advanced Science</i>	<i>Early Learning</i>	<i>Adv. Manufacturing & Machinery Mechanics</i>	<i>Entrepreneurship</i>
	<i>Foreign Language</i>	<i>Biomedical Science</i>	<i>Family & Community Services</i>	<i>Aeronautics & Aviation</i>	<i>Fashion Design</i>
	<i>Social Studies</i>	<i>Engineering</i>	<i>Healthcare Diagnostics</i>	<i>Agriscience</i>	<i>Design & Multimedia Arts (A/V Prod.)</i>
		<i>Programming & Software Development</i>	<i>JROTC</i>	<i>Architectural Design</i>	<i>HVAC</i>
			<i>Law Enforcement</i>	<i>Automotive Technology</i>	<i>Journalism</i>
			<i>Teaching & Training</i>	<i>Business Management</i>	<i>Marketing & Sales</i>
				<i>Carpentry</i>	<i>Oral Interpretation</i>
				<i>Culinary Arts</i>	<i>Plumbing</i>
				<i>Debate</i>	<i>Welding</i>
				<i>Diesel Technology</i>	<i>Yearbook</i>
				<i>Digital Communication (Animation)</i>	

Pathways offered at the high school campuses depend upon yearly staffing allocations and student request.

Middle School CTE Courses

Middle School Options

Aerospace Science Tech 1* 6th 1.0 (0366)
Application Tech Media* 6th - 8th 1.0 (0737)
Exploration Multimedia* 6th - 8th 1.0 (0642)
Introduction to Robotics I 6th - 8th 0.5 (0741)
Investigating Careers 6th-8th 1.0 (0414)
Robotics II 6th - 8th 1.0 (0742)
Tech Apps 6th - 8th 0.5 (0640)
Web Publishing* 6th - 8th 1.0 (479)

Middle School Options for High School Credit

Fundamentals of Computer Science 8th 1.0 (3025)	Digital Design & Media Productions* 7th 1.0 (3024)
Principles of Applied Engineering 7th-8th 1.0 (3019)	Principles of Agriculture, Food & Natural Resources (Wood ONLY) 8th 1.0 (3023)
Principles of Art, Audio/Video & Communications 7th-8th 1.0 (3020)	Principles of Architecture* 8th 1.0 (3032)
Principles of Hospitality & Tourism 8th 1.0 (3015)	Principles of Cybersecurity* 8th 1.0 (3043)
Principles of Human Services 7th-8th 1.0 (3016)	Principles of Manufacturing* 7th 1.0 (3021)
Principles of Information Technology 7th-8th 1.0 (3017)	Web Design* 8th 1.0 (3013)

Courses offered at the middle school campuses depend upon yearly staffing allocations and student request.

***Courses identified with an asterisk are only offered at our magnet programs.**

Multidisciplinary Endorsement

Arts & Humanities Endorsement

Academic Four Core Pathway	Advanced Placement & Dual Credit	English Pathway	Fine Arts Pathway	Foreign Language Pathway	Social Studies Pathway
English I - IV 9th-12th Must take English IV	Four credits of Advanced Placement (AP) or Dual Credit	3.0 credits (English I, II, III) & 3.0 additional English credits	A coherent sequence of 4.0 credits by selecting courses from the disciplines in Fine Arts:	Four levels (I-IV) of the same language: American Sign Language, French, German, Japanese, Latin, Mandarin Chinese, or Spanish	1.0 credit (W.Geography, Human Geography, W. History)
Math 9th-12th		3.0 additional English credits from courses:	Two levels of the same discipline in two or more Fine Arts disciplines.	Two levels (I-II) of the same language and then two levels (I-II) of another language: American Sign Language, French, German, Japanese, Latin, Mandarin Chinese, or Spanish	2.0 credits (US History, Government & Economics)
Science 9th-12th Must take IPC, Chemistry or Physics		English IV, Independent Study in English, Literary Genres, Creative Writing, Research and Technical Writing, Humanities, Communication Applications, and AP English Literature	Art, Band, Cheer, Choir, Dance, Flags, Orchestra, Instrumental Ensemble, Technical Theatre or Theatre		2.0 credits Advanced Social Studies courses: Model UN, Advanced Sociology, Anthropology, AP European History, Global Leadership, Modern East Asia Studies, Psychology, AP Psychology, Special Topics, U.S. Military History
Social Studies 9th-12th					

AGRISCIENCE MAGNET PROGRAM (AMP)

Business and Industry Endorsement

Business and Industry Endorsement						
	Agribusiness Pathway	Applied Agricultural Engineering Pathway	Animal Science Pathway	Environmental & Natural Resources Pathway	Food Science Pathway	Plant Science Pathway
Middle School Courses	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)	Principles of Agriculture, Food & Natural Resources 7th-8th 1.0 (3023)
Level 1	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)	Principles of Agriculture, Food & Natural Resources 9th-12th 1.0 (8261)
Level 2	Professional Standards in Agribusiness 10th-12th 0.5 (8279)	Agricultural Mechanics & Metal Tech 10th-12th 1.0 (8283)	Small Animal Management 10th-12th 0.5 (8069)	Wildlife, Fisheries & Ecology Management 9th-12th 1.0 (8263)	Food Technology & Safety 10th-12th 1.0 (8262)	Landscape Design & Management 10th-12th 0.5 (8077)
	Professional Communications 9th-12th 0.5 (5809)		Equine Science 10th-12th 0.5 (8266)			Turf Grass Management 10th-12th 0.5 (8070)
Level 3	Agribusiness Management & Marketing 10th-12th 1.0 (8280)	Agricultural Structures Design & Fabrication 11th-12th 1.0 (8282)	Livestock Production 10th-12th 1.0 (8265)	Energy & Natural Resource Technology 10th-12th 1.0 (8066)	Food Processing 10th-12th 1.0 (8268)	Floral Design 9th-12th 1.0 (8278)
		Agricultural Equipment Design & Fabrication 11th-12th 1.0 (6772)				
Level 3	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)	Mathematical Applications in AFNR* 10th-12th 1.0 (8281)
Level 4	Agribusiness Leadership, Research & Communication 10th-12th 1.0 (8274)	Agricultural Power Systems 10th-12th 2.0 (8284)	Advanced Animal Science* 11th-12th 1.0 (8269)	Adv. Energy & Natural Resources 11th-12th 1.0 (6771)	Advanced Animal Science* 11th-12th 1.0 (8269)	Advanced Plant & Soil Science* 11th-12th 1.0 (8277)
	Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)	Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)	Veterinary Medical Application 11th-12th 1.0 (8267)	Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)	Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)	Advanced Floral Design 11th-12th 1.0 (8463)
			Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)			Practicum in Ag, Food, & Natural Resources 11th-12th 2.0 (8287)
Practicum in Ag, Food, & Natural Resources Extended 12th 3.0 (8386)						
Certs	Microsoft Office Specialist-Word, Excel	OSHA General Industry-30 Hour	Certified Veterinarian Assistant	Wastewater Collections	ServSafe Food Manager	TX State Floral Level 1

*Science/Math Credit Course

ENGINEERING TECHNOLOGIES ACADEMY (ETA)

**Students must complete Algebra II, Chemistry & Physics to earn a STEM endorsement*

	STEM Endorsement		Business & Industry Endorsement	
	Cybersecurity Pathway	Engineering Pathway	Design & Multimedia Arts Pathway	Advanced Manufacturing & Machinery Mechanics Pathway
Middle School Courses	Principles of Information Tech 7th-8th 1.0 (3017)	Principles of Applied Engineering 7th-8th 1.0 (3019)	Principles of Arts, Audio/Video Technology & Communications 7th-8th 1.0 (3020)	Principles of Applied Engineering 7th-8th 1.0 (3019)
	Principles of Cybersecurity 8th 1.0 (3043)			
Level 1	Fundamentals of Computer Science 9th-12th 1.0 (3032)	Principles of Applied Engineering 9th-12th 1.0 (8250)	Digital Media 9th-12th 1.0 (8297)	Principles of Applied Engineering 9th-12th 1.0 (8250)
Level 2	Internetworking Technologies I 10th-12th 1.0 (6699)	Engineering Design & Presentation I 10th-12th 1.0 (8252)	Graphic Design & Illustration I 10th-12th 1.0 (6730)	Robotics I 9th-10th 1.0 (8094)
			Commercial Photography I 9th-12th 1.0 (6732)	
Level 3	Networking 10th-12th 1.0 (6755)	Aerospace Engineering 10th-12th 1.0 (8356)	Graphic Design & Illustration II 11th-12th 1.0 (6752)	Programmable Logic Controller I 10th-12th 1.0 (8363)
	Digital Forensics 10th-12th 1.0 (8419)	Civil Engineering & Architecture 10th-12th 1.0 (8157)		
Level 4	Cybersecurity Capstone 11th-12th 1.0 (6794)	Engineering Design & Problem Solving* 11th-12th 1.0 (8258)	Commercial Photography II 10th-12th 1.0 (6735)	Robotics II 11th-12th 1.0 (6768)
		Engineering Design & Presentation II 11th-12th 2.0 (8253)		
Certs	<i>Comp Tia IT Fundamentals, Security+, Network+, Cisco Certified Network Admin.</i>	<i>Autodesk Inventor-User Autodesk Inventor-Professional FAA Part 107 Remote Drone Pilot</i>	<i>Adobe Certified Associate</i>	

*Science/Math Credit Course

DESIGN AND TECHNOLOGY ACADEMY (DATA)

*Students must complete Algebra II, Chemistry & Physics to earn a STEM endorsement

	Business & Industry Endorsement				STEM Endorsement
	Architectural Design Pathway	Design & Multimedia Arts Pathway	Digital Communications Pathway	Web Development	Programming & Software Development*
Middle School Courses	Principles of Architecture 8th 1.0 (3032)	Digital Design & Media Productions 7th 1.0 (3024) Principles of Arts, Audio/Video Technology & Communications 8th 1.0 (3020)	Principles of Arts, Audio/Video Technology & Communications 8th 1.0 (3020)	Principles of Information Technology 7th 1.0 (3017) Web Design 8th 1.0 (3013)	Fundamentals of Computer Science 8th 1.0 (3025)
Level 1	Principles of Architecture 9th-12th 1.0 (6647)	Principles of Arts, Audio/Video Technology & Communications 9th 1.0 (6656) Video Game Design 9th-12th 1.0 (6700)	Principles of Arts, Audio/Video Technology & Communications 9th 1.0 (6656)	Principles of Information Technology 9th-12th 1.0 (6687)	Fundamentals of Computer Science 9th-12th 1.0 (3032)
Level 2	Architecture Design I 10th-12th 1.0 (8245)	Animation I 10th-12th 1.0 (6711)	Audio/Video Production I 9th-12th 1.0 (6731)	Web Design 9th-12th 1.0 (3031)	AP Computer Science Principles 10th -12th 1.0 (3007) Computer Science I -Honors 9th-12th 1.0 (3005)
Level 3	Architecture Design II 11th-12th 2.0 (8246)	Animation II 11th-12th 1.0 (6713)	Audio/Video Prod. II 10th-12th 1.0 (6741)	Web Game Development 11th-12th 1.0 (6710)	Computer Science II - Honors 10th-12th 1.0 (3006)
Level 3		Animation II with lab 11th-12th 2.0 (6714)	Audio/Video Prod. II with Lab 11th-12th 2.0 (6742)	Project Based Research 10th-12th 1.0 (8289)	AP Computer Science A 10th -12th 1.0 (3010)
Level 3		3D Modeling & Animation 9th-12th 1.0 (3036)			
Level 4	Practicum in Architecture Design 12th 2.0 (8247)	Practicum in Animation 12th 2.0 (6760)	Practicum in Audio/Video Production 12th 2.0 (6761)	Practicum in Info Tech 11th-12th 2.0 (6698)	Practicum in Audio/Video Production 12th 2.0 (6761) Practicum in Info Tech 11th-12th 2.0 (6698)
Certs	Autodesk Certified User- AutoCAD, Revit	Adobe Certified Associate, Apple Logic Pro X	Adobe Certified Associate, Apple Logic Pro X	Oracle Certified Associate, JAVA	Oracle Certified Associate, JAVA

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM) ACADEMY

**Students must complete Algebra II, Chemistry & Physics to earn a STEM endorsement*

STEM Endorsements					
	Advanced Math	Advanced Science	BioMedical Science Pathway	Engineering Pathway	Programming & Software Development
Middle School Courses	Algebra I 9th 1.0 (2313)			Principles of Applied Engineering 7th-8th 1.0 (3019)	Fundamentals of Computer Science 7th-8th 1.0 (3025)
Level 1	Geometry 9th-10th 1.0 (2413)	Biology 9th 1.0 (3223)	Biotechnology I 9th-10th 1.0 (8342)	Principles of Applied Engineering 9th-12th 1.0 (8250)	Computer Science I -Honors^ 9th-12th 1.0 (3005)
Level 2	Algebra II 10th-11th 1.0 (2323)	Chemistry 9th-10th 1.0 (3323)	<i>Medical Microbiology*</i> <i>10th -12th</i> <i>1.0 (6758)</i>	Engineering Design & Presentation I 10th-12th 1.0 (8252)	Computer Science II - Honors^ 10th-12th 1.0 (3006)
Level 3	Advanced Math 10th-12th 1.0	Physics I 10th-11th 1.0 (3423)	<i>Pathophysiology*</i> <i>11th -12th</i> <i>1.0 (6759)</i>	<i>Engineering Design & Problem Solving*</i> <i>11th-12th</i> <i>1.0 (8258)</i>	AP Computer Science A 10th -12th 1.0 (3010)
Level 4	One Additional Advanced Math Credits	Two Additional Advanced Science Credits	<i>Practicum in STEM</i> <i>12th</i> <i>2.0 (8260)</i>	<i>Practicum in STEM</i> <i>12th</i> <i>2.0 (8260)</i>	AP Computer Science Principles 10th -12th 1.0 (3007) <i>Practicum in STEM</i> <i>12th</i> <i>2.0 (8260)</i>
Certs				<i>Certified Solid Works Associate</i>	<i>MTA Intro. To Programming In Python & Java, AP Credit</i>

*Science/Math Credit Course

^Credit satisfies language other than English requirement when both course requirements are met

Science, Technology, Engineering & Mathematics (STEM) Endorsement

**Students must complete Algebra II, Chemistry & Physics to earn a STEM endorsement*

	Advanced Math	Advanced Science	Programming & Software Development	Engineering Pathway
Middle School Courses			Fundamentals of Computer Science 7th-8th 1.0 (3025)	Principles of Applied Engineering 7th-8th 1.0 (3019)
Level 1	Algebra I 9th 1.0 (2313)	Biology 9th 1.0 (3223)	Computer Science I -Honors 9th-12th 1.0 (3005)^	Principles of Applied Engineering 9th-12th 1.0 (8250)
Level 2	Geometry 9th-10th 1.0 (2413)	Chemistry 9th-10th 1.0 (3323)	Computer Science II - Honors 10th-12th 1.0 (3006)^	Engineering Design & Presentation I 10th-12th 1.0 (8252)
Level 3	Algebra II 10th-11th 1.0 (2323)	Physics I 10th-11th 1.0 (3423)	AP Computer Science A 10th -12th 1.0 (3010)	Engineering Design & Problem Solving* 11th-12th 1.0 (8258)
Level 4	Two Additional Advanced Math Credits	Two Additional Advanced Science Credits	AP Computer Science Principles 10th -12th 1.0 (3007)	Scientific Research & Design 11th -12th 1.0 (8259)
			Career Preparation I 11th-12th 2.0 (6745)	Engineering Design & Presentation II 11th-12th 2.0 (8253)
Certs			AP Credit	Autodesk Certified User-Inventor

*Science/Math Credit Course

^Credit satisfies language other than English requirement when both course requirements are met

Public Service Endorsement

	Cosmetology Pathway	Early Learning Pathway	Family & Community Services	Law Enforcement Pathway	JROTC Pathway	Teaching & Training
Middle School Courses		Principles of Human Services 7th-8th 1.0 (3016)	Principles of Human Services 7th-8th 1.0 (3016)			Principles of Human Services 7th-8th 1.0 (3016)
Level 1	Principles of Cosmetology Design & Color Theory 9th 1.0 (6652)	Principles of Human Services 9th-12th 1.0 (6721)	Principles of Human Services 9th-12th 1.0 (6721)	Principles of Law, Public Safety, Corrections, & Security 9th-12th 1.0 (8410)	JROTC I 9th-12th 1.0 (7501)	Principles of Human Services 9th-12th 1.0 (6721)
Level 2		Principles of Education & Training 9th-10th 1.0 (8041)	Dollars & Sense 11th-12th 0.5 (8025)			Principles of Education & Training 9th-10th 1.0 (8041)
Level 3	Introduction to Cosmetology 10th 1.0 (6650)	Child Development 10th-12th 1.0 (6764)	Lifetime Nutrition & Wellness 9th-12th 0.5 (8029)	Law Enforcement I 10th-12th 1.0 (8413)	JROTC II 9th-12th 1.0 (7502)	Child Development 10th-12th 1.0 (6764)
Level 4			Child Development 10th-12th 1.0 (6764)	Criminal Investigations 10th-12th 1.0 (6748)		Human Growth & Development 10th-12th 1.0 (6754)
Level 3	Cosmetology I 11th-12th 2.0 (6651)	Child Guidance 10th-12th 2.0 (6765)	Counseling & Mental Health 11th-12th 1.0 (8345)	Law Enforcement II 11th-12th 1.0 (8418)	JROTC III 9th-12th 1.0 (7503)	Ready, Set, Teach I 11th-12th 2.0 (8084)
Level 4				Counseling & Mental Health 11th-12th 1.0 (8345)		
Level 4	Cosmetology II 12th 2.0 (6657)	Career Preparation I 11th-12th 2.0 (6745)	Career Preparation I 11th-12th 2.0 (6745)	Practicum in Law Enforcement 11th-12th 2.0 (8417)	JROTC IV 9th-12th 1.0 (7504)	Ready, Set, Teach II 12th 2.0 (8043)
Certs				Cosmetology Operator License		

*Science/Math Credit Course

Public Service Endorsement - HEALTH SCIENCE

	Healthcare Diagnostics Pathway	Certified Pharmacy Technician Pathway	Certified Nursing Assistant (CNA) Pathway	Emergency Medical Technician (EMT) Pathway	Dental Assistant Pathway	Certified Clinical Medical Assistant Pathway
Level 1	Principles of Health Science 9th-12th 1.0 (8340)	Principles of Health Science 9th-12th 1.0 (8340)	Principles of Health Science 9th-12th 1.0 (8340)	Principles of Health Science 9th-12th 1.0 (8340)	Principles of Health Science 9th-12th 1.0 (8340)	Principles of Health Science 9th-12th 1.0 (8340)
Level 2	Medical Terminology 9th-12th 1.0 (6757)	Medical Terminology 9th-12th 1.0 (6757)	Medical Terminology 9th-12th 1.0 (6757)	Medical Terminology 9th-12th 1.0 (6757)	Medical Terminology 9th-12th 1.0 (6757)	Medical Terminology 9th-12th 1.0 (6757)
Level 3	<i>Health Science Theory</i> 10th-12th 1.0 (8344)	<i>Health Science Theory</i> 10th-12th 1.0 (8344)	<i>Health Science Theory</i> 10th-12th 1.0 (8344)	<i>Health Science Theory</i> 10th-12th 1.0 (8344)	<i>Health Science Theory</i> 10th-12th 1.0 (8344)	<i>Health Science Theory</i> 10th-12th 1.0 (8344)
	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)	<i>Health Science Clinical</i> 11th -12th 2.0 (8346)
Level 4	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)	<i>Anatomy & Physiology*</i> 10th -12th 1.0 (3253)
	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)	<i>Medical Microbiology*</i> 10th -12th 1.0 (6758)
	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)	<i>Pathophysiology*</i> 11th -12th 1.0 (6759)
	<i>CTEC Course offerings</i> <i>See options to the right</i>	<i>Pharmacy Technician</i> 12th 2.0 (3254)	<i>Certified Nurse Aide</i> 11th-12th 2.0 (8348)	<i>Emergency Medical Technician</i> 12th 2.0 (8354)	<i>Registered Dental Assistant</i> 11th-12th 2.0 (8358)	<i>Certified Medical Assistant</i> 12th 2.0 (8360)
Certs	<i>Phlebotomy Technician</i>	<i>Certified Pharmacy Technician</i>	<i>Certified Nurse Aide</i>	<i>Emergency Medical Technician Basic</i>	<i>Registered Dental Assistant</i>	<i>Certified Medical Assistant</i>

*Science/Math Credit Course

Business & Industry Endorsement

	Advanced Manufacturing & Machinery Mechanics Pathway (Madison ONLY)	Architectural Design Pathway	Culinary Pathway	Digital Communications Pathway	Design & Multimedia Arts Pathway
Middle School Courses	Principles of Applied Engineering 9th-12th 1.0 (8250)		Principles of Hospitality & Tourism 7th-8th 1.0 (3015)	Principles of Arts, Audio/Video Technology & Communications 7th-8th 1.0 (3020)	Principles of Arts, Audio/Video Technology & Communications 7th-8th 1.0 (3020)
Level 1	Principles of Applied Engineering 9th-12th 1.0 (8250)	Principles of Architecture 9th-12th 1.0 (6647)	Introduction to Culinary Arts 9th-10th 1.0 (8062)	Principles of Arts, Audio/Video Technology & Communications 9th-12th 1.0 (6656)	Principles of Arts, Audio/Video Technology & Communications 9th-12th 1.0 (6656)
				Professional Communications 9th-12th 0.5 (5809)	Video Game Design 9th-12th 1.0 (6700)
Level 2	Robotics I 9th-10th 1.0 (8094)	Architecture Design I 10th-12th 1.0 (8245)	Culinary Arts 10th-12th 2.0 (8063)	Audio/Video Production I 9th-12th 1.0 (6731)	Animation I 10th-12th 1.0 (6711)
					Commercial Photography 9th-12th 1.0 (6732)
Level 3	Engineering Design & Presentation I 10th-12th 1.0 (8252)	<i>Architecture Design II with lab</i> 11th-12th 2.0 (8246)	<i>Adv. Culinary Arts</i> 10th-12th 2.0 (8064)	<i>Audio/Video Prod. II</i> 10th-12th 1.0 (6741)	<i>Animation II</i> 11th-12th 1.0 (6713)
	Manufacturing Engineering Technologies 10th-12th 1.0 (8257)				<i>Animation II with lab</i> 11th-12th 2.0 (6714)
Level 4	<i>Robotics II</i> 11th-12th 1.0 (6768)	<i>Practicum in Architecture Design</i> 12th 2.0 (8247)	<i>Food Science*</i> 11th-12th 1.0 (8028)	<i>Practicum in Audio/Video Production</i> 12th 2.0 (6761)	<i>Practicum in Animation</i> 12th 2.0 (6760)
			<i>Practicum in Culinary Arts</i> 11th-12th 2.0 (8021)		<i>Practicum in Entrepreneurship</i> 12th 2.0 (8312)
Certs		<i>Autodesk Certified User- AutoCAD or Revit</i>	<i>Career Preparation I</i> 11th-12th 2.0 (6745)	<i>Adobe Certified Associate</i>	<i>Career Preparation I</i> 11th-12th 2.0 (6745)
			<i>ServSafe Food Manager</i>		<i>Adobe Certified Associate</i>

*Science/Math Credit Course

Business & Industry Endorsement

	Accounting & Financial Services Pathway	Business Management	Entrepreneurship	Marketing & Sales
Middle School				
Level 1	Principles of Business, Marketing & Finance 9th-11th 1.0 (8290)	Principles of Business, Marketing & Finance 9th-11th 1.0 (8290)	Principles of Business, Marketing & Finance 9th-11th 1.0 (8290)	Principles of Business, Marketing & Finance 9th-11th 1.0 (8290)
	Business Information Management I 9th-12th 1.0 (8291)	Business Information Management I 9th-12th 1.0 (8291)		
Level 2	Accounting I 10th-12th 1.0 (8301)	Global Business 10th-12th 0.5 (8296)	Business Information Management I 9th-12th 1.0 (8291)	Fashion Marketing 9th-12th 0.5 (8014)
	Financial Mathematics* 10th-12th 1.0 (8272)	Virtual Business 10th-12th 0.5 (8288)		Sports & Entertainment Marketing I 9th-12th 0.5 (8304)
	Banking & Financial Services 10th-12th 0.5 (8300)	Business Information Management II 10th-12th 1.0 (8292)		Virtual Business 10th-12th 0.5 (8288)
Level 3	Accounting II 11th-12th 1.0 (8302)	Business Management 10th-12th 1.0 (8294)	Entrepreneurship I 11th-12th 1.0 (8308)	Social Media Marketing 9th-12th 0.5 (6769)
		Business Law 11th-12th 1.0 (6750)	Business Incubator 11th-12th 1.0 (8308) <u>Reagan Only</u>	Advertising 9th-12th 0.5 (8306)
Level 4	Practicum in Entrepreneurship 12th 2.0 (8312)	Statistics & Business Decision Making 11th-12th 1.0 (6770)	Practicum in Entrepreneurship 12th 2.0 (8312)	Practicum in Entrepreneurship 12th 2.0 (8312)
	Career Preparation I 11th-12th 2.0 (6745)	Practicum in Business Management 12th 2.0 (8303)	Career Preparation I 11th-12th 2.0 (6745)	Practicum in Marketing 11th-12th 2.0 (8309)
		Career Preparation I 11th-12th 2.0 (6745)		Career Preparation I 11th-12th 2.0 (6745)
Certs	<i>Microsoft Office Specialist-Excel, Word, Intuit Quickbooks Certified User</i>	<i>Microsoft Office Specialist-Excel, Word, Certified Associate in Project Management</i>	<i>Microsoft Office Specialist-Excel, Word, Entrepreneurship & Small Business</i>	<i>Google Analytics</i>

*Science/Math Credit Course

Business & Industry Endorsement - SPEECH

Broadcast Journalism Pathway	Debate Pathway	Journalism Pathway	Oral Interpretation Pathway	Yearbook Pathway
Journalism 9th-12th 1.0 (1703)	Professional Communications 9th-12th 0.5 (5809)	Journalism 9th-12th 1.0 (1703)	Professional Communications 9th-12th 0.5 (5809)	Journalism 9th-12th 1.0 (1703)
Broadcast Journalism I 9th-12th 1.0 (1705)	Debate/Public Speaking I 9th-12th 1.0 (5820)	Advanced Digital Journalism I 9th-12th 1.0 (1743)	Oral Interpretation/Public Speaking I 9th-12th 1.0 (5810)	Advanced Journalism I 9th-12th 1.0 (1746)
Broadcast Journalism II 9th-12th 1.0 (1706)	Debate/Public Speaking II 10th-12th 1.0 (5825)	Advanced Digital Journalism II 9th-12th 1.0 (1744)	Oral Interpretation/Public Speaking II 10th-12th 1.0 (5815)	Advanced Journalism II 9th-12th 1.0 (1747)
Broadcast Journalism III 9th-12th 1.0 (1707)	Debate/Public Speaking III 11th-12th 1.0 (5827)	Advanced Digital Journalism III 9th-12th 1.0 (1745)	Oral Interpretation/Public Speaking III 10th-12th 1.0 (5816)	Advanced Journalism III 9th-12th 1.0 (1748)

College / University Course Opportunities

Dual Credit

Alamo Academy and Hallmark University are for all high school students from each high school to attend. Students attend classes at San Antonio College, St. Philip's College and Hallmark University two class periods per school day beginning at zero hour, approximately 7:30AM. Return transportation is provided for Hallmark University students and transportation for Alamo Academy students is provided to and from the college campus.

Alamo Academy					Hallmark University
Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Public Service Endorsement	Business & Industry Endorsement
Diesel Technonology Academy	Information Technology Security Academy	Aerospace Academy	Advanced Technology & Manufacturing Academy	Health Professions Academy	Hallmark Aeronautics & Aviation Maintenance Pathway
Diesel Technology Academy I 11th 3.0 (7777Dx)	Information Technology & Security Academy I 11th 3.0 (6790Dx)	Aerospace Academy I 11th 3.0 (6783Dx)	Advanced Technology & Manufacturing Academy I 11th 3.0 (6779Dx)	Anatomy & Physiology 11-12th 1.0 (3255Dx)	Hallmark Aeronautics & Aviation I-A 11th 2.0 (6786Dx)
Diesel Technology Academy II 12th 3.0 (7779Dx)	Information Technology & Security Academy II 12th 3.0 (6792Dx)	Aerospace Academy II 12th 3.0 (6785Dx)	Advanced Technology & Manufacturing Academy II 12th 3.0 (6781Dx)	English III Dual Credit 11th 1.0 (1319Dx)	Hallmark Aeronautics & Aviation I-B 11th 1.0 (6787Dx)
<i>33 Alamo College Hours Earned</i>	<i>30 Alamo College Hours Earned</i>	<i>32/33 Alamo College Hours Earned</i>	<i>34 Alamo College Hours Earned</i>	Microbiology Dual Credit 12th 1.0 (3256Dx)	Hallmark Aeronautics & Aviation II 12th 3.0 (6788Dx)
<i>*Students must apply for these programs during the spring semester prior to year of entry.</i>				Health Science Dual Credit 12th 2.0 (8353Dx)	<i>30 College Hours Earned</i>
				<i>30 Alamo College Hours Earned</i>	

Career & Technical Education Center (CTEC)

CTEC is centrally located for all high school students from each high school to attend. Students attend CTEC two class periods per school day based on their individual schedule; transportation is provided to and from student's home campus and CTEC.

		Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Business & Industry Endorsement	Public Service Endorsement
		Transportation Academy Automotive	Transportation Academy Diesel	Construction Academy Carpentry	Construction Academy Electrical	Construction Academy HVAC	Construction Academy Plumbing	Construction Academy Welding	Medical Professions Academy
Level 1		Principles of Transportation Systems 9th-12th 1.0 (6734x) Sem 1	Principles of Transportation Systems 9th-12th 1.0 (6734x) Sem 1	Occupational Safety & Environmental Tech I 9th-12th 1.0 (8190Cx) Sem 1	Occupational Safety & Environmental Tech I 9th-12th 1.0 (8190Ex) Sem 1	Occupational Safety & Environmental Tech I 9th-12th 1.0 (8190Hx) Sem 1	Occupational Safety & Environmental Tech I 9th-12th 1.0 (8190Px) Sem 1	Occupational Safety & Environmental Tech I 9th-12th 1.0 (8173x) Sem 1	Level 4 Pharmacy Technician 12th 2.0 (3254)
		Automotive Basics 9th-12th 1.0 (7777x) Sem 2	Automotive Basics 9th-12th 1.0 (7777x) Sem 2	Principles of Construction 9th-12th 1.0 (6763Cx) Sem 2	Principles of Construction 9th-12th 1.0 (6763Ex) Sem 2	Principles of Construction 9th-12th 1.0 (6763Hx) Sem 2	Principles of Construction 9th-12th 1.0 (6763Px) Sem 2	Introduction to Welding 9th-12th 1.0 (8173x) Sem 2	Level 4 Certified Nurse Aide 11th-12th 2.0 (8348)
Level 2		Auto Technology I 10th-12th 2.0 (8112x)	Diesel Equipment Technology I 10th-12th 2.0 (6774x)	Construction Technology I 10th-12th 2.0 (8243)	Electrical Technology I 10th-12th 1.0 (8154x) Sem 1	HVAC I 10th-12th 1.0 (8249x) Sem 1	Plumbing Technology I 10th-12th 1.0 (8241x) Sem 1	Welding I 10th-12th 2.0 (8174x)	Level 4 Emergency Medical Technician 12th 2.0 (8354)
					Diversified Manufacturing I - Electrical 10th-12th 1.0 (8194x) Sem 2	Diversified Manufacturing I - HVAC 10th-12th 1.0 (8194x) Sem 2	Diversified Manufacturing I - Plumbing 10th-12th 1.0 (8194x) Sem 2		Level 4 Registered Dental Assistant 11th-12th 2.0 (8358)
Level 3		Automotive Technology II: Automotive Service 11th-12th 2.0 (8113x)	Diesel Equipment Technology II 11th-12th 2.0 (6775)	Construction Technology II 11th-12th 2.0 (8244x)	Electrical Technology II 11th-12th 2.0 (8155x)	HVAC II 11th-12th 2.0 (8295x)	Plumbing Technology II 11th-12th 2.0 (8242x)	Welding II 11th-12th 2.0 (8175x)	Level 4 Certified Medical Assistant 12th 2.0 (8360)
Level 4		Practicum in Transportation Systems 12th 2.0 (8114x)	Practicum in Transportation Systems 12th 2.0 (8114x)	Practicum in Construction Technology 12th 2.0 (8078x)	Practicum in Construction Technology 12th 2.0 (8078)	Practicum in Construction Technology 12th 2.0 (8078x)	Practicum in Construction Technology 12th 2.0 (8078)	Practicum in Welding I 12th 2.0 (8179x)	Medical Professions Academy Practicum II 12th 2.0 (8362)
Certs		NCCER Core, ASE Automotive Maintenance & Light Repair	NCCER Core, ASE Entry Level-Med/Heavy Duty Truck Technician	NCCER Core, NCCER Level 1 Carpentry	NCCER Core, IEC Pre-Apprenticeship	NCCER Core, NCCER Level 1 HVAC	NCCER Core, NCCER Level 1 Plumbing	NCCER Core, AWS D1.1 Structural Steel	<i>Certifications earned found on the Health Science page</i>

Students must apply for these programs during the spring semester prior to year of entry.