



Pathways to GRADUATION!

 Science, Technology, Engineering, & Mathematics Endorsements

	9th	10th	11th	12th
<i>Advanced Math</i>				
Statistics	Algebra I	Geometry	Algebra II	Pre Calculus and AP Statistics
Advanced Math	Algebra I PAP	Geometry PAP and Algebra II PAP	Pre Calculus CC	AP Calculus Or Calculus CC
Advanced Math	*Geometry PAP	*Algebra II PAP	*Pre Calculus CC	AP Calculus Or Calculus CC



**Algebra I taken in 8th grade*



Pathways to GRADUATION!

 Science, Technology, Engineering, & Mathematics Endorsements

	9th	10th	11th	12th
<i>Advanced Science</i>				
Biological Science	Biology or Biology PAP	Chemistry or Chemistry PAP	Physics or Physics PAP Choose one from: Aquatic Science Anatomy & Physiology Forensic Science AP Biology or Biology CC	Choose one from: Aquatic Science Anatomy & Physiology Forensic Science AP Biology or Biology CC
Earth/Environmental Science	Biology or Biology PAP	Chemistry or Chemistry PAP	Physics or Physics PAP Choose one from: Aquatic Science Earth & Space Science Environmental Systems AP Environmental Systems	Choose one from: Aquatic Science Earth & Space Science Environmental Systems AP Environmental Systems
Physical Science	Biology or Biology PAP	Chemistry or Chemistry PAP	Physics or Physics PAP Choose one from: Astronomy AP Physics or Physics CC AP Chemistry or Chemistry CC	Physics or Physics PAP Choose one from: Astronomy AP Physics or Physics CC AP Chemistry or Chemistry CC





Pathways to GRADUATION!

 Science, Technology, Engineering, & Mathematics Endorsements

	9th	10th	11th	12th
<i>STEM - Engineering</i>				
DHS	Concepts in Engineering and Technology (1.0) 9th	Engineering Design and Problem Solving (1.0) 10th	Advanced Engineering Design and Presentation (2.0) 11th	*Engineering Math (Qualifies as 4th Math) (1.0) 12th





Pathways to GRADUATION!



Multidisciplinary Endorsement

9th	10th	11th	12th
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Multidisciplinary

DHS & DNHS

Pathway A:

Take 4 Advanced courses within 1 endorsement area or among endorsement areas that are not in a coherent sequence. The courses must prepare students to enter the workforce successfully or postsecondary education without remediation.

Pathway B:

Take 4 credits in each of the foundation subject areas to include English IV and Chemistry and/or Physics

Pathway C:

Take 4 Advanced Placements or International Baccalaureate courses to include 1 credit in each of the 4 foundation subjects.





Pathways to GRADUATION!



Arts & Humanities Endorsements

	9th	10th	11th	12th
<i>Social Studies</i>				
Psychology	World Geography	World History	U.S History Choose one from: Psychology or Special Topics .5 credits Research Methods .5 credits Advanced Studies .5 credits	Government and Economics
History	World Geography	World History	U.S History Choose one from: AP History or Combination of two .5 credit courses: Special Topics .5 credit Advanced Studies .5 credit	Government and Economics





Pathways to GRADUATION!



Business and Industry Endorsement

	9th	10th	11th	12th
<i>Journalism</i>				
Advanced Broadcast Journalism	Journalism	Advanced Broadcast Journalism	Independent Study in Journalism Visual Media Analysis and Production	Independent Study in Journalism Contemporary Media Visual Media Analysis and Production
Advanced Journalism Newspaper	Journalism	Advanced Journalism- Newspaper Literary Magazine	Advanced Journalism- Newspaper II Literary Magazine II Photo Journalism	Independent Study in Journalism Contemporary Media Visual Media Analysis and Production
Advanced Journalism Yearbook	Journalism	Advanced Journalism Yearbook I	Advanced Journalism Yearbook II	Advanced Journalism Yearbook III





Pathways to GRADUATION!



Business and Industry Endorsement

Agriculture, Food & Natural Resources

	9th	10th	11th	12th
DNHS	Principles of Food and Natural Resources (1.0) 9 th	Wildlife, Fisheries & Ecology Management (1.0) 10 th	Ag. Mechanics & Metal Technologies (1.0) 11 th	Ag. Facilities Design & Fabrication (1.0) 12 th And *Advanced Animal Science (1.0)
DHS	Ag. Mechanics & Metal Technologies (1.0) 9 th	Ag. Facilities Design & Fabrication (1.0) 10 th	Welding CC (2.0) 11 th	Adv. Welding CC (2.0) 12 th And *Advanced Plant & Soil Science (1.0) 12+ College Hours and American Welding Society (AWS) Certificate



* Qualifies for the 4th Advanced Science





Pathways to GRADUATION!



Business and Industry Endorsement



	9th	10th	11th	12th
<i>Arts, A/V Technology & Communication</i>				
DHS & DNHS Animation Design	**Principles of Arts, A/V Technology & Communication (1.0) 9th	Animation I (1.0) 10th	Advanced Animation (2.0) 11th	Video Game Design (1.0) 12th
DHS Digital Imaging & Printing	**Principles of Arts, A/V Technology & Communication (1.0) 9th	Printing & Imaging Technology (1.0) 10th	Advanced Printing & Imaging Technology (2.0) 11th	Practicum in Printing & Imaging Tech (2.0)
DNHS Commercial Photography	**Principles of Arts, A/V Technology & Communication (1.0) 9th	Audio Video Production (1.0) 10th	Commercial Photography (1.0) 11 th	Advance Commercial Photography (1.0) <div style="border: 1px solid black; padding: 5px; display: inline-block;">Photoshop Specialist Certificate (PS)</div>



***Based on Availability*





Pathways to GRADUATION!



Business and Industry Endorsement

	9 th	10 th	11 th	12 th
<i>Architecture & Construction</i>				
DNHS Architectural Design	Principles of Architecture & Construction (1.0) 9 th	Architectural Design (1.0) 10 th	Advanced Architectural Design CC (2.0)	Practicum in Architectural Design CC (2.0) 12 th <div style="border: 1px solid black; padding: 5px; text-align: center;"> 12+ College Hours AutoCAD Certified User Certificate </div>
DHS Construction Management	Principles of Architecture & Construction (1.0) 9 th	Construction Technology (1.0) 10 th	Construction Management (1.0) 11 th	Advanced Construction Technology (2.0) 12 th <div style="border: 1px solid black; padding: 5px; text-align: center;"> NCCER Certificate Carpentry Fundamentals Level One </div>





Pathways to GRADUATION!



Business and Industry Endorsement

Business Management & Administration

	9 th	10 th	11 th	12 th
DHS	**Principles of Business, Marketing and Finance (1.0) 9 th	Business Information Management I (1.0) 10 th	Business Information Management II CC (1.0) 11 th	Business Management CC (1.0) 12 th 12+ College Hours and Microsoft Office Specialist Certificate (MOS)
DNHS	**Principles of Business, Marketing and Finance (1.0) 9 th	Business Information Management I (1.0) 10 th	Business Information Management II CC (1.0) 11 th	Business Management CC (1.0) 12 th Practicum In Business Management (Coop) CC (3.0) 12+ College Hours and Microsoft Office Specialist Certificate (MOS)



**Based on Availability





Pathways to GRADUATION!



Business and Industry Endorsement



Hospitality & Tourism

DHS & DNHS

	9th	10th	11th	12th
	**Principles of Hospitality and Tourism (1.0) 9th	Culinary Arts (1.0) 10th	Practicum In Culinary Arts I CC (2.0) 11th	Practicum in Culinary Arts II CC (2.0) 12th
				<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> 12+ College Hours and AAFCS Pre-Professional Certification In Culinary Arts </div>





Pathways to GRADUATION!



Business and Industry Endorsement



Marketing

	9th	10th	11th	12th
DHS	Business Information Management I (1.0) 9th	Retailing and E-Tailing (1.0) 10th	Marketing Dynamics (1.0) 11th	Practicum in Marketing Dynamics (Coop) (3.0) 12th Microsoft Office Specialist Certificate (MOS)





Pathways to GRADUATION!



Business and Industry Endorsement



Manufacturing

	9 th	10 th	11 th	12 th
DHS	Ag. Mechanics & Metal Technologies (1.0) 9th	Ag. Facilities Design & Fabrication (1.0) 10th	Welding CC (2.0) 11th	Advanced Welding CC (2.0) 12th 12+ College Hours and American Welding Society Certificate (AWS)
DNHS	Principles of Engineering Manufacturing (1.0)	Precision Metal Manufacturing (1.0) 10th	Manufacturing CC (2.0) 11th	Practicum in Manufacturing CC (2.0) 12th 12+ College Hours and NIMS National Institute for Metal Working Skills Certificate





Pathways to GRADUATION!



Business and Industry Endorsement

*Transportation,
Distribution & Logistics*

DHS

	9th	10th	11th	12th
	Principles of Transportation Distribution Logistics (1.0) 9th	Transportation Systems Management (1.0) 10th	Collision Repair & Refinishing CC (2.0) 11th	Advanced Collision Repair & Refinishing CC (2.0) 12th
				12+ College Hours and I-Car Certification





Pathways to GRADUATION!



Business and Industry Endorsement



Law, Public Safety & Security

	9th	10th	11th	12th
DHS & DNHS	Principles of Law, Public Safety & Corrections (1.0) 9th	Law Enforcement I (1.0) 10th	Court Systems & Practices (1.0) 11th	Law Enforcement II (1.0) 12th And *Forensic Science (1.0)



**Qualifies for the 4th Advanced Science*





Pathways to GRADUATION!



Business and Industry Endorsement

Human Services

	9th	10th	11th	12th
DHS & DNHS	Introduction to Cosmetology (1.0) 9th		Cosmetology I (2.0) 11th	Cosmetology II (3.0) 12th And *Anatomy and Physiology (1.0)



**Qualifies for the 4th Advanced Science*





Pathways to GRADUATION!



Business and Industry Endorsement



Health Science

	9th	10th	11th	12th
DHS & DNHS	Principles of Health Science (1.0) 9th	Medical Terminology (.5) 10th	Health Science Technology (1.0) 11th	Practicum in Health Science I (2.0) 12th Certified Pharmacy Technician CPhT
DHS & DNHS	Principles of Health Science (1.0) 9th	Medical Terminology (.5) 10th	Health Science Technology (1.0) 11th	Practicum in Health Science II (3.0) 12th National Certified Medical Assistant CMA





Pathways to GRADUATION!



Public Service

	9th	10th	11th	12th
<i>Education</i>				
DHS	**Principles in Education and Training (1.0) 9th	Human Growth & Development (1.0) 10th	Instructional Practices in Education & Training (2.0) 10th	Practicum in Education & Training (2.0) 12th AAFCS Pre-Professional Certification in Education Fundamentals
<i>Junior Reserve Officer Training Corp</i>				
DHS	JROTC I	JROTC II	JROTC III	JROTC IV →



**Based on Availability





Pathways to GRADUATION!



Arts and Humanities Endorsement

	9th	10th	11th	12th
<i>Fine Arts</i>				
DHS & DNHS Art	Art I	Art II	Art III	Art IV AP
DHS & DNHS Band	Band I	Band II	Band III	Band IV
DHS & DNHS Jazz	Jazz I	Jazz II	Jazz III	Jazz IV
DHS & DNHS Applied Music	Applied Music I	Applied Music II	Applied Music III	Applied Music IV
DHS & DNHS Music Theory	Music Theory I	Music Theory II	Music Theory III	Music Theory IV
DHS & DNHS Chorale	Chorale I	Chorale II	Chorale III	Chorale IV
DHS & DNHS Dance Team	Dance Team I	Dance Team II	Dance Team III	Dance Team IV
DHS & DNHS Folkloric	Folkloric I	Folkloric II	Folkloric III	Folkloric IV
DHS & DNHS Dance	Dance I	Dance II	Dance III	Dance IV
DHS & DNHS Ballet	Ballet I	Ballet II	Ballet III	Ballet IV





Pathways to GRADUATION!



Arts and Humanities Endorsement



	9th	10th	11th	12th
<i>Fine Arts</i>				
DHS & DNHS Mariachi	Marachi I	Marachi II	Marachi III	Marachi IV
DHS & DNHS Theatre	Theatre I	Theatre II	Theater III	Theatre IV

