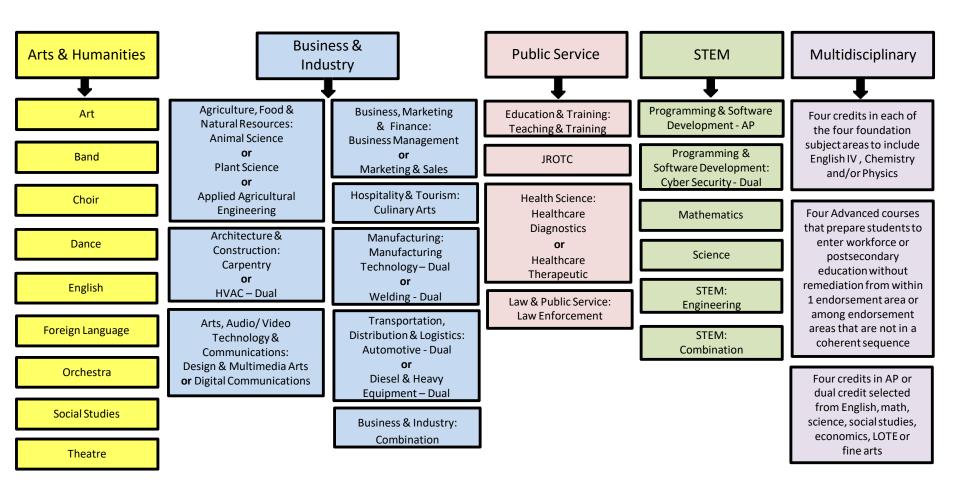


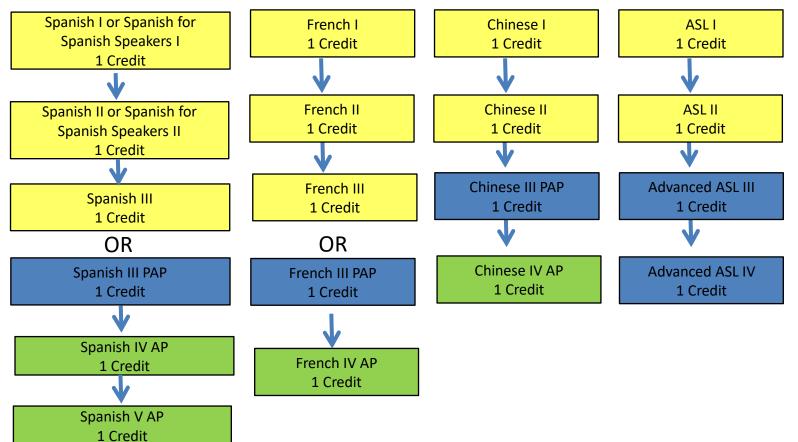
LCISD Programs of Study By Endorsement 2023-2024

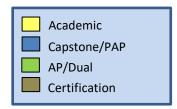






Arts & Humanities Endorsement 4 Credits in the SAME Language Sequence 2023-2024





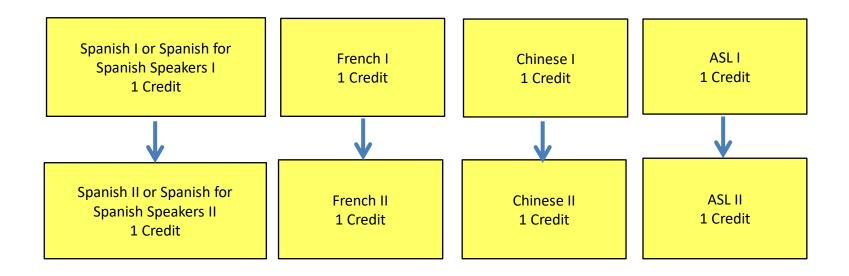
A PROUD TRADITION | A BRIGHT FUTURE

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El Distrito Escolar Consolidado Independiente de Lamar, ofrece oportunidades educacionales sin cuenta de raza, religion, nacionalidad, sexo o disabilidades.

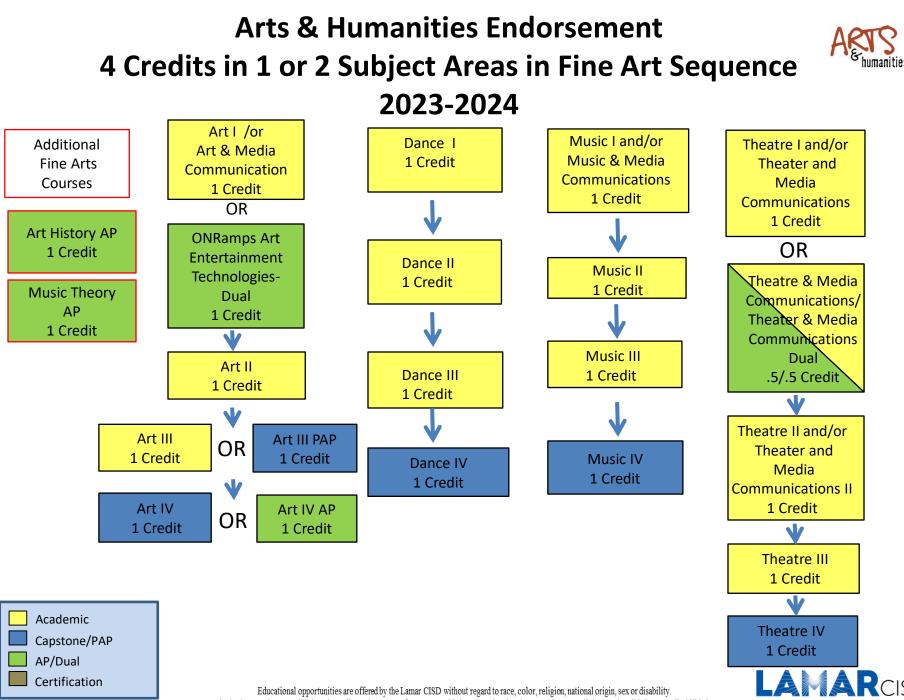


Arts & Humanities Endorsement 2 Credits each in 2 different Language Sequences 2023-2024







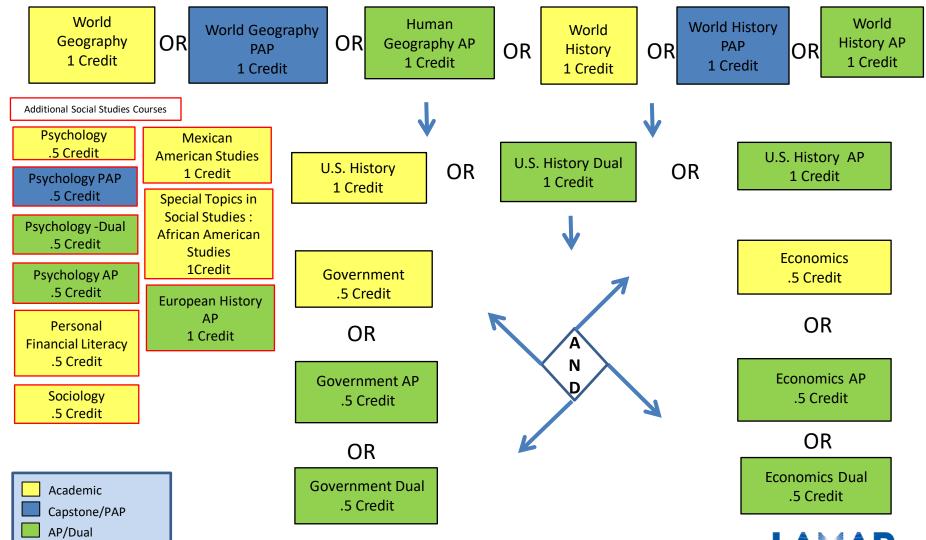


El Distrito Escolar Consolidado Independiente de Lamar, ofrece oportunidades educacionales sin cuenta de raza, religion, nacionalidad, sexo o disabilidades.

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Arts & Humanities Endorsement: Social Studies 5 credits in Social Studies





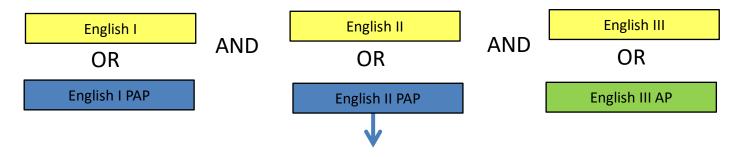
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Certification

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Arts & Humanities Endorsement: English 7 credits in English 2023-2024

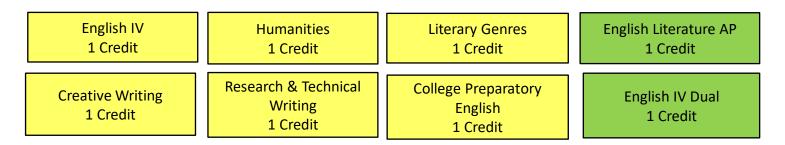


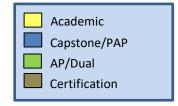


(1) Advanced English credit from one of the following Advanced Courses:
 English IV, Creative Writing, Humanities, Literary Genres, Research & Technical Writing, Debate III,
 Oral Interpretation III, IS Speech, IS Journalism, Advanced Journalism III, Newspaper III, Yearbook III, AP English Literature & Composition, Dual Credit English, College Prep English

AND

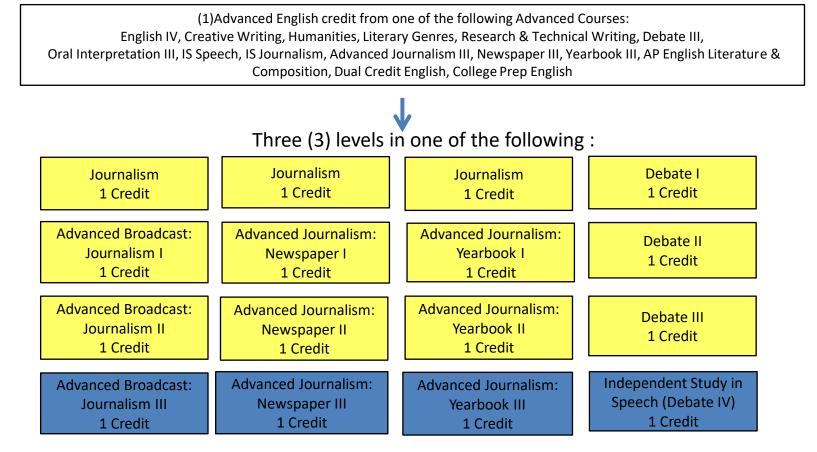
(3) Additional Credits from any of the following, not taken previously

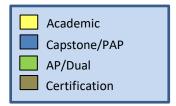






Business/Industry Endorsement: English (4) English elective credits 2023-2024











Business/Industry Endorsement Agriculture, Food, & Natural Resources: Animal Science 2023-2024 8th – 12th 9th – 12th Principles of Agriculture, Food & Principles of Agriculture, Food & Natural Resources Natural Resources 1 Credit 1 Credit **Small Animal Small Animal Equine Science Equine Science** AND AND .5 Credit Management Management .5 Credit .5 Credit .5 Credit **Veterinary Medical Applications Veterinary Medical Applications** 1 Credit 1 Credit \mathbf{V} Advanced Animal Science 1 Credit **Advanced Animal Science** Practicum in Agriculture Food & OR 1 Credit Natural Resources (Veterinary Medical Applications) 2 Credits Practicum in Agriculture Food & Extended Practicum - 3 Credits Natural Resources Veterinary Assistant Level 1 Certification (Veterinary Medical Applications)



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2 Credits

Extended Practicum - 3 Gredits

Veterinary Assistant Level 1 Certification

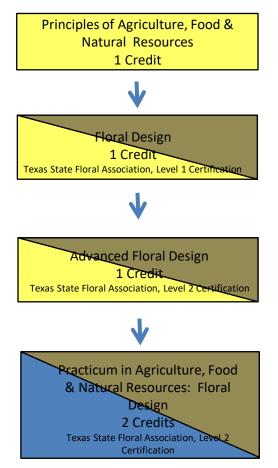
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Business/Industry Endorsement Agriculture, Food, & Natural Resources: Plant Science 2023-2024



 $8^{th} - 12^{th}$













Principles of Agriculture, Food & Natural Resources Natural Resources 1 Credit 1 Credit **Agricultural Mechanics & Metal Agricultural Mechanics & Metal Technologies** Technologies 1 Credit 1 Credit Agricultural Structures Design & **Agricultural Structures Design & Fabrication Technologies Fabrication Technologies** 1 Credit 1 Credit Practicum in Agriculture Food & Reacticum in Agriculture Food & Natural Resources: Applied Natural Resources: Applied Agricultural Engineering **Agricultural Engineering** 2 Credits 2 Credits Extended Practicum Extended Practicum **3** Credits 3 Credits **AWS Certification AWS Certification** Practicum in Agriculture Food & Natural Resources Applied Agricultural Engineering (2nd time) 2 Credits Extended Practicum (2nd time) 3 Credits AWS Certification



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Academic Capstone/PAP AP/Dual Certification



Certification

Business/Industry Endorsement Manufacturing: Welding 2023-2024



8th – 12th 9th – 12th Principles of Agriculture, Food & Principles of Agriculture, Food & For students taking Natural Resources Natural Resources Agriculture, Food & Natural Resources in 8th grade, 1 Credit 1 Credit complete Agricultural Mechanics & Metal **Technologies** 1 Credit **Agricultural Mechanics &** Agricultural Mechanics & in 9th grade and **Metal Technologies Metal Technologies Agricultural Structures** 1 Credit 1 Credit **Design & Fabrication** 1 Credit in 10th grade Welding I **Agricultural Structures Design** Dual (TSTC) & Fabrication 2 Credits 1 Credit Welding II Welding I Dual (TSTC) Dual (TSTC) 2 Credits 2 Credits Texas State Technical College . Welding II Academic Dual (TSTC) Capstone/PAP 2 Credits AP/Dual



Business/Industry Endorsement Manufacturing: Welding

Industry Certification Course Sequence 2023-2024



4 TSTC Texas State Technical College



For students taking Agriculture, Food & Natural Resources in 8th grade , complete Agricultural Mechanics & Metal Technologies 1 Credit In 9th grade and Agricultural Structures Design & Fabrication 1 Credit In 10th grade

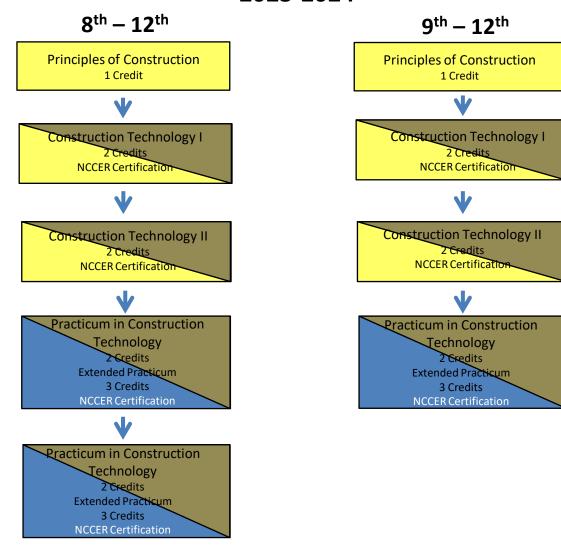
1	
	Academic
	Capstone/PAP
	AP/Dual
	Certification

9 th Grade	SM1	SM2	11 th Grade	SM 1		SM2
Requirements			Requirements			
English I	\checkmark	\checkmark	English III	\checkmark	\checkmark	
Algebra	\checkmark	\checkmark	Algebra II	\checkmark	\checkmark	
Bio	\checkmark	\checkmark	3 rd Science	\checkmark	\checkmark	
Wld. Geo/ or Wld. History	\checkmark	\checkmark	Government/Eco	\checkmark	\checkmark	
PE	\checkmark	\checkmark	Elective	\checkmark	\checkmark	
LOTE YR 1	\checkmark	\checkmark	Welding I Dual 7181WD	\checkmark	\checkmark	Welding I Dual 7181XD
Principles of Agriculture, Food & Natural Resources	√	✓	Welding I Dual 7181WD	~	~	Welding I Dual 7181XD
10 th Grade	SM1	SM2	12 th Grade	SM 1		SM2
	SM1	SM2				SM2
10 th Grade Requirements English II	SM1 ✓	SM2 ✓	12 th Grade Requirements English IV		✓	SM2
Requirements	SM1 ✓ ✓	SM2 ✓ ✓	Requirements		✓ ✓	SM2
Requirements English II	SM1 ✓ ✓ ✓	\checkmark	Requirements English IV		✓ ✓ ✓	SM2
Requirements English II Geometry	SM1 ✓ ✓ ✓	✓ ✓	Requirements English IV 4 th Math		 ✓ ✓ ✓ ✓ ✓ 	SM2
Requirements English II Geometry Chem/Phys/IPC	✓ ✓ ✓	✓ ✓ ✓	Requirements English IV 4 th Math 4 th Science			SM2
Requirements English II Geometry Chem/Phys/IPC US History	✓ ✓ ✓ ✓	✓ ✓ ✓	Requirements English IV 4 th Math 4 th Science Elective			SM2



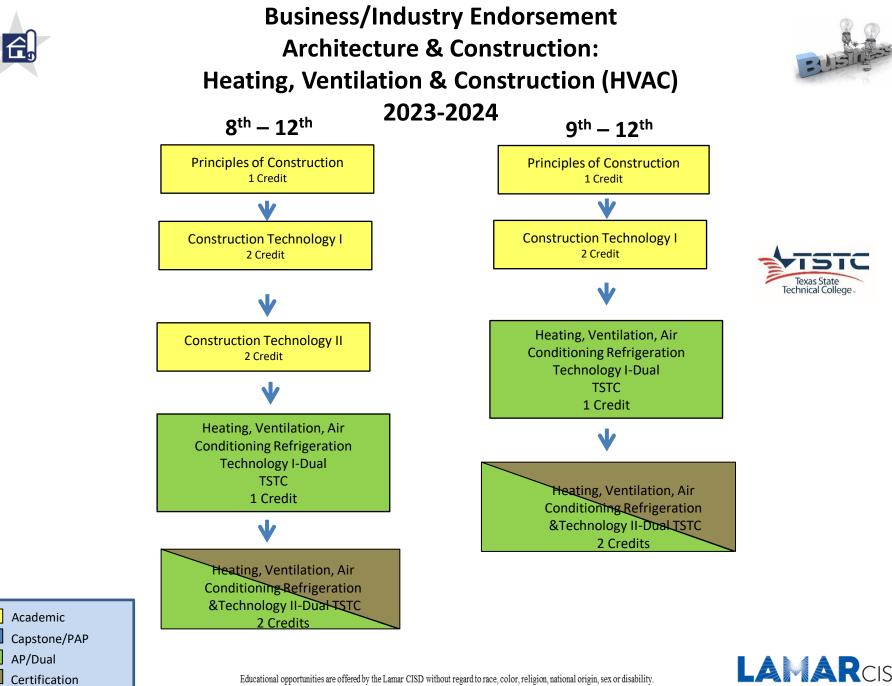
Business/Industry Endorsement Architecture & Construction: Carpentry 2023-2024











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Academic Capstone/PAP

AP/Dual Certification

Business/Industry Endorsement

Architecture & Construction: Heating, Ventilation & Construction (HVAC)



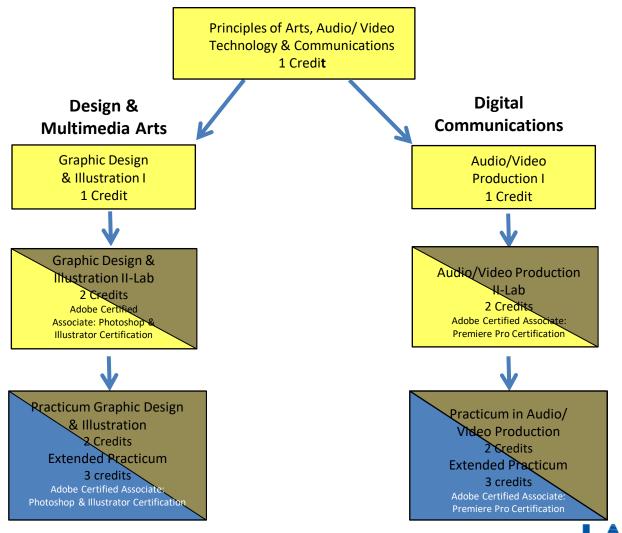
Industry Certification Course Sequence 2023-2024

9 th Grade	SM1	SM2	11 th Grade	SM1	SM2	
Requirements			Requirements			
English I	\checkmark	\checkmark	English III	\checkmark	\checkmark	
Algebra	\checkmark	\checkmark	Algebra II	\checkmark	\checkmark	
Bio	\checkmark	\checkmark	3 rd Science	\checkmark	\checkmark	
Wld. Geo/ or Wld. History	\checkmark	\checkmark	Fine Art	\checkmark	\checkmark	
PE	\checkmark	\checkmark	Government/Eco	\checkmark	\checkmark	
LOTE YR 1	\checkmark	✓	Elective	\checkmark	\checkmark	
Principles of Construction	~	√	HVAC Technology I 7250WD	~	~	HVAC Technology I 7250XD
10 th Grade	SM1	SM2	12 th Grade	SM1	SM2	
Requirements			Requirements			
English II	\checkmark	\checkmark	English IV	\checkmark	\checkmark	
Geometry	\checkmark	\checkmark	4 th Math	\checkmark	\checkmark	
Chem/Phys/IPC	\checkmark	\checkmark	4 th Science	\checkmark	\checkmark	
US History	\checkmark	\checkmark	Elective	\checkmark	\checkmark	
LOTE YR 2	\checkmark	\checkmark	Elective	\checkmark	\checkmark	
Construction Technology I	\checkmark	\checkmark	HVAC Technology II 7260WD	\checkmark	\checkmark	HVAC Technology II 7260XD
Construction Technology I	\checkmark	\checkmark	HVAC Technology II 7260WD	\checkmark	\checkmark	HVAC Technology II 7260XD



Business/Industry Endorsement: Arts, Audio/Video Technology & Communications 2023-2024





Academic Capstone/PAP AP/Dual Certification

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Business/Industry Endorsement Business, Marketing, & Finance: Business Management 2023-2024



8th – 12th 9th – 12th Principles of Business, Marketing & **Business Information Management I** Credit Finance Microsoft Office Specialist Word/Excel Certification 1 Credit **Business Information Management I Business Information Management II** 1 Credit 1 Credit Microsoft Office Specialist Word/Excel Certification Microsoft Office Specialist Word/Excel Certification Business Management **Business Information Management II** 1 Credit 1 Credit Microsoft Office Specialist Word/Excel or Microsoft Office Specialist Word/Excel Certification Microsoft Office Expert Word/Excel Certification **Business Management** Practicum in Business Management 1_Credit 2 Credits Microsoft Office Specialist Word/Excel or **Extended** Practicum Microsoft Office Expert Word/Excel Certification 3 Credits Microsoft Office Specialist Word/Excel or Microsoft Office Expert Word/Excel Certification Practicum in Business Management 2 Credits Extended Practicum 3 Credits





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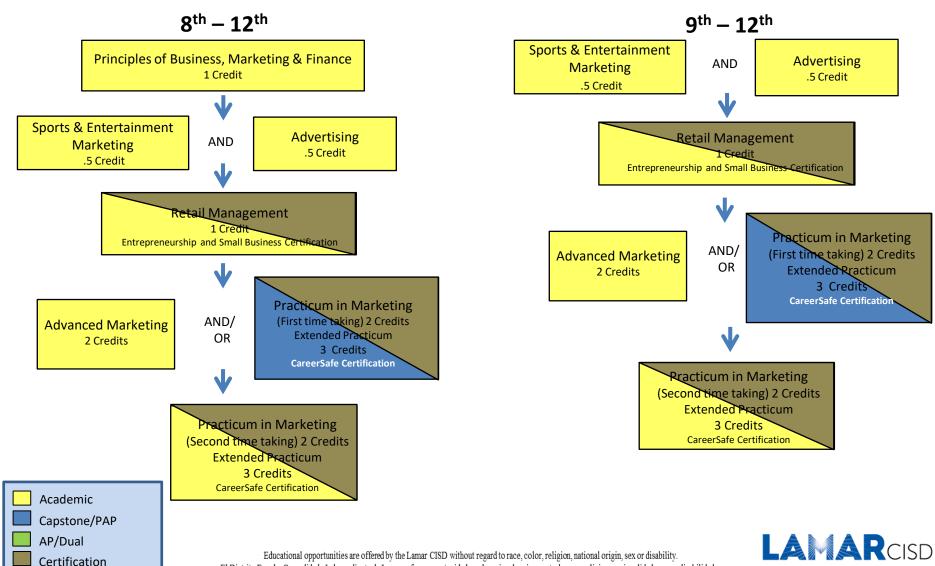
Microsoft Office Specialist Word/Excel or Microsoft Office Expert Word/Excel Certification



Business/Industry Endorsement Business, Marketing, & Finance: Marketing & Sales 2023-2024



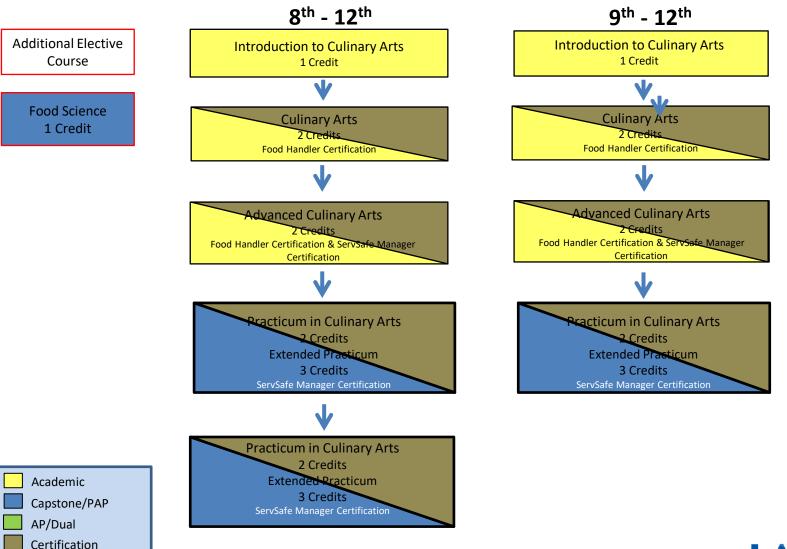
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Business/Industry Endorsement Hospitality & Tourism: Culinary Arts 2023-2024



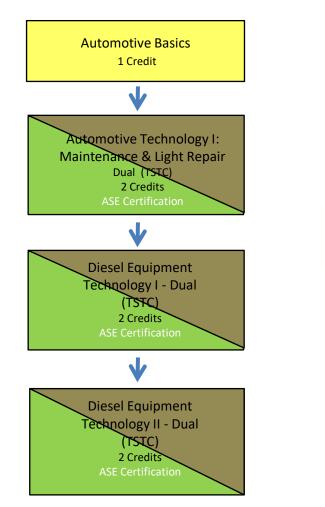




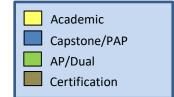


Business/Industry Endorsement Transportation, Distribution & Logistics: Automotive – Diesel Equipment Technology 2023-2024













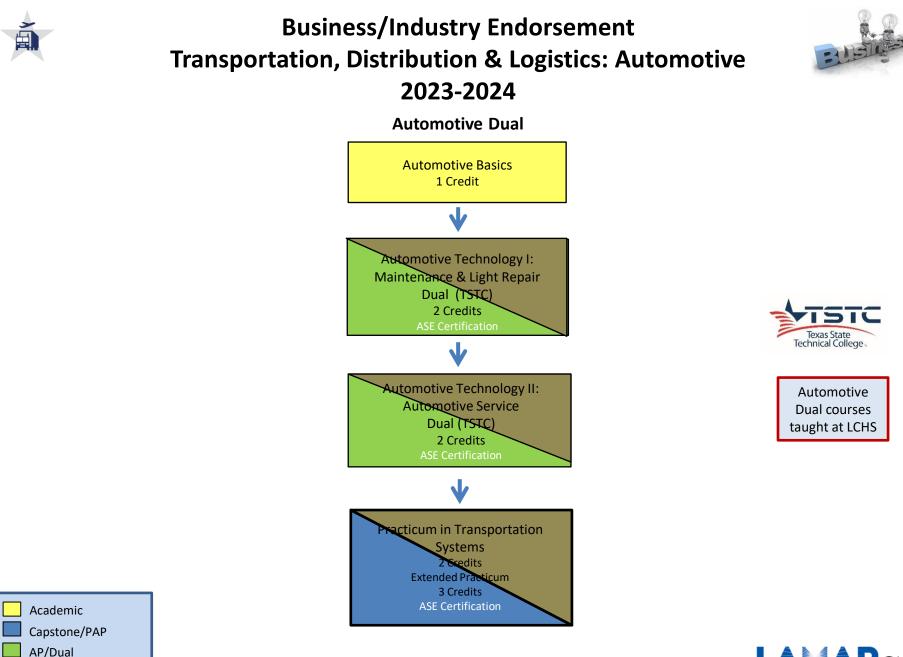
Academic Capstone/Pa AP/Dual Certification

Business/Industry Endorsement Transportation: Diesel Equipment Technology



Industry Certification Course Sequence 2023-2024

	9 th Grade	SM1	SM2	11 th Grade	SM1	SM2	
I	Requirements			Requirements			
	English I	\checkmark	\checkmark	English III	\checkmark	\checkmark	
	Algebra	\checkmark	\checkmark	Algebra II	\checkmark	\checkmark	
	Bio	\checkmark	\checkmark	3 rd Science	\checkmark	\checkmark	
	Wld. Geo/ or Wld. History	\checkmark	\checkmark	Automotive Technology II Automotive Service	\checkmark	\checkmark	
	LOTE Yr 1	\checkmark	\checkmark	Automotive Technology II Automotive Service	\checkmark	\checkmark	
	P.E.	\checkmark	\checkmark	Diesel Equipment Tech I 8450WD	\checkmark	\checkmark	Diesel Equipment Tech I 84450XD
	Automotive Basics	\checkmark	\checkmark	Diesel Equipment Tech I 8450WD	\checkmark	\checkmark	Diesel Equipment Tech I 84450XD
	10 th Grade	SM1	SM2	12 th Grade	SM1	SM2	
l	Requirements			Requirements			
	English II	\checkmark	\checkmark	English IV	\checkmark	\checkmark	
	Geometry	\checkmark	\checkmark	4 th Math	\checkmark	\checkmark	
	Chem/Phys/IPC	\checkmark	\checkmark	4 th Science	\checkmark	\checkmark	
	US History	\checkmark	\checkmark	Government/Eco	\checkmark	\checkmark	
	LOTE YR 2	\checkmark	\checkmark	Fine Art	\checkmark	\checkmark	
λP	Automotive Technology I Automotive Service-Dual	~	\checkmark	Diesel Equipment Tech II 8460WD	\checkmark	\checkmark	Diesel Equipment Tech II 8460XD
	Automotive Technology I Automotive Service-Dual	\checkmark	\checkmark	Diesel Equipment Tech II 8460WD	\checkmark	\checkmark	Diesel Equipment Tech II 8460XD



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Certification



Business/Industry Endorsement Combination

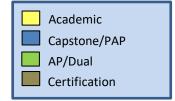


A coherent sequence of (4) credits selected from the following:

CTE courses with final course from: Agriculture, Food & Natural Resources; Architecture & Construction; Business, Marketing & Finance; Arts, Audio/Video Technology & Communications; Hospitality & Tourism; Information Technology; Manufacturing; Transportation, Distribution & Logistics

Business & Industry: English

Business & Industry: Technology Applications





Public Services Endorsement Education & Training 2023-2024

1 Credit

1 Credit

 \mathbf{J}

2 Credits

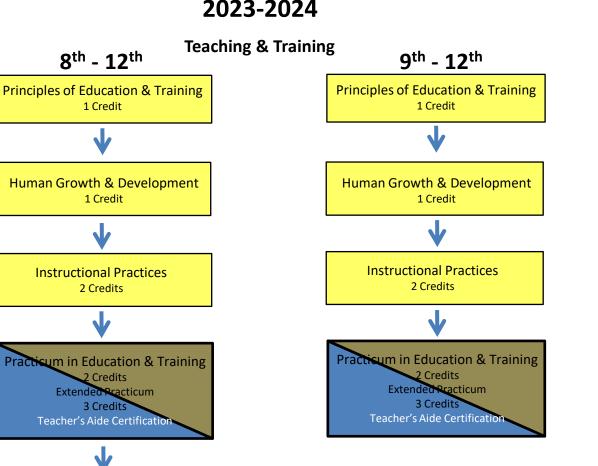
2 Credits

3 Credits

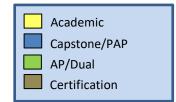
Practicum in Education & Training 2 Credits Extended Practicum

3 Credits

Teacher's Aide Certification



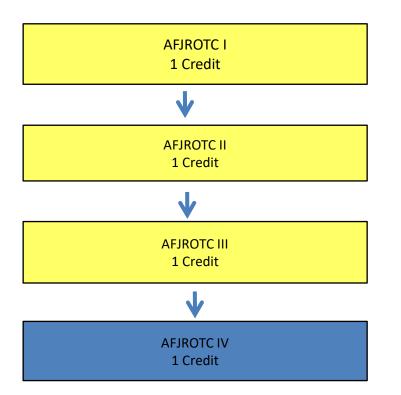


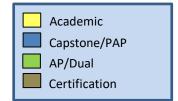


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PUBLIC **SERVICES**

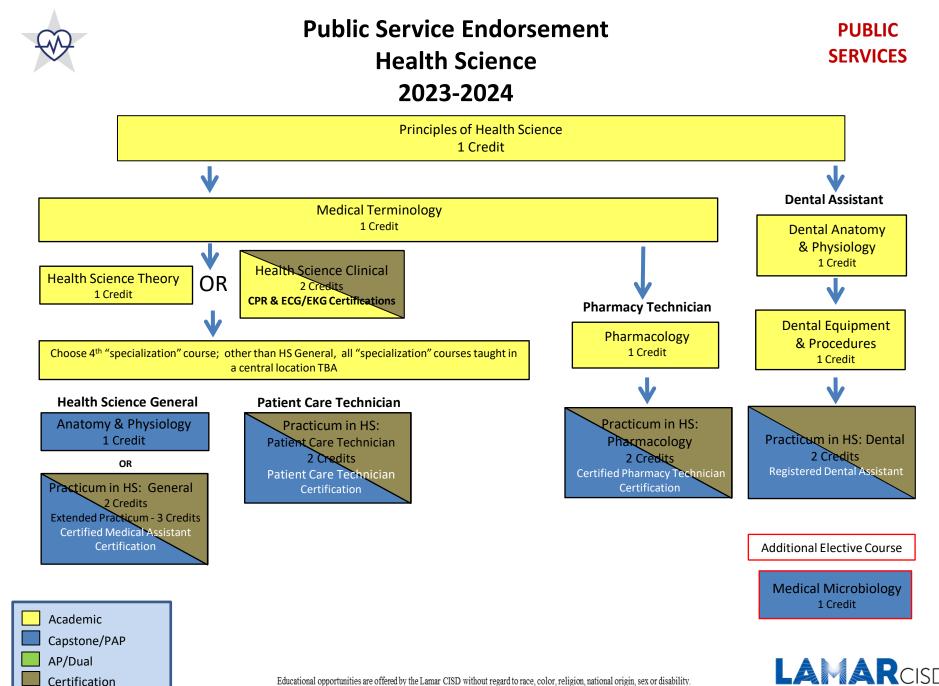
Public Services Endorsement Air Force Junior ROTC 2023-2024





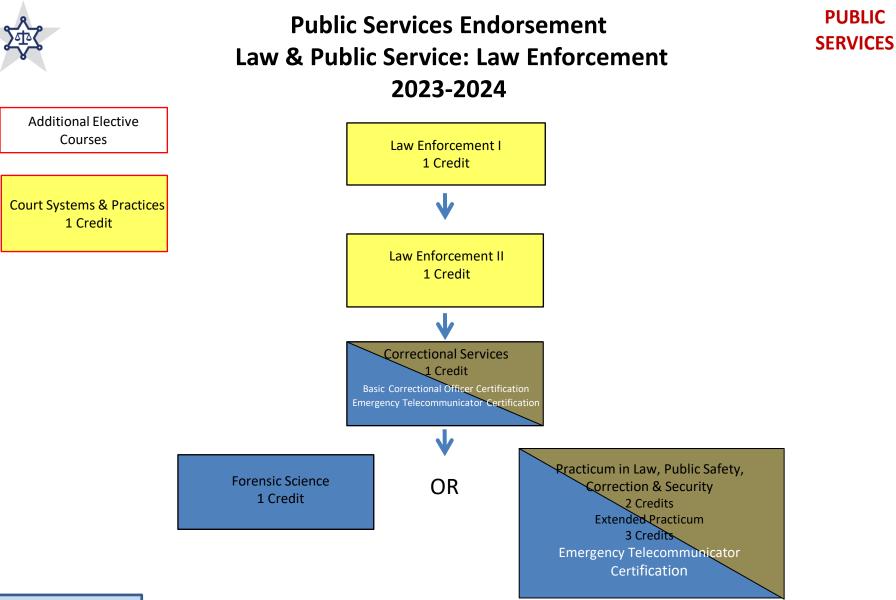


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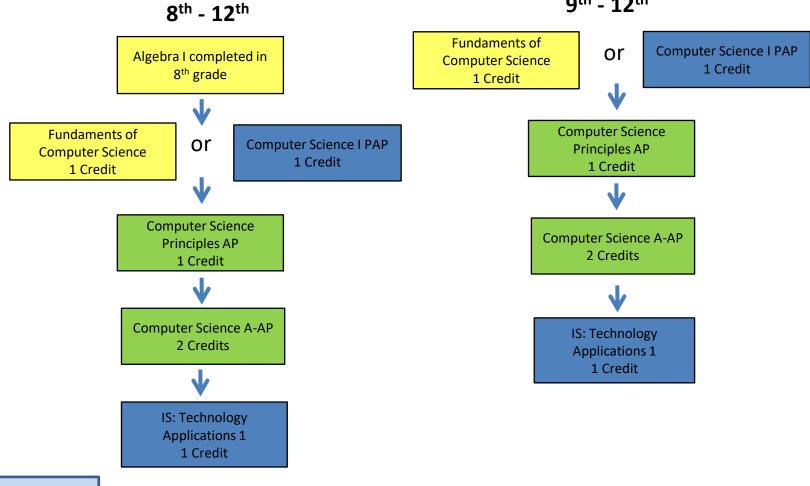






STEM Endorsement* Programming and Software Development - AP 2023-2024





9th - 12th



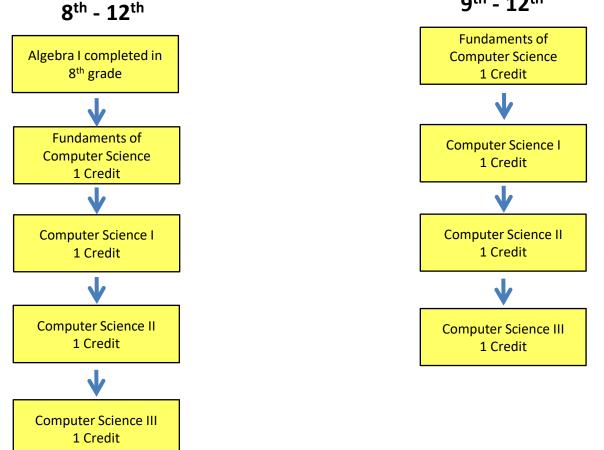
*Algebra II, Chemistry & Physics required for all STEM Endorsements



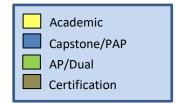


STEM Endorsement* Programming and Software Development – Computer Science 2023-2024





9th - 12th



*Algebra II, Chemistry & Physics required for all STEM Endorsements

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Academic

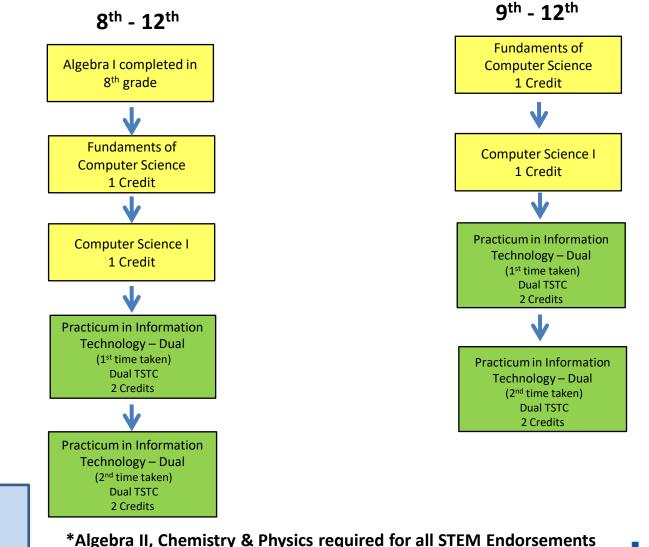
AP/Dual

Capstone/PAP

Certification

STEM Endorsement* Programming and Software Development – Cyber Security 2023-2024







STEM Endorsement*

Program and Software Development – Cyber Security Dual



		202	3-2024			et a
9 th Grade	SM1	SM2	11 th Grade	SM1	SM2	
Requirements			Requirements			
English I	\checkmark	\checkmark	English III	\checkmark	\checkmark	
Algebra	\checkmark	\checkmark	Algebra II	-	\checkmark	
Bio	\checkmark	\checkmark	3 rd Science	\checkmark	\checkmark	
Wld. Geo/ or Wld. History	\checkmark	\checkmark	Fine Art	\checkmark	\checkmark	
PE	\checkmark	\checkmark	Gov/Eco	\checkmark	\checkmark	
LOTE YR 1	✓	\checkmark	Practicum in Information Technology - Dual 7946WD	\checkmark	~	Practicum in Information Technology - Dual 7946XD
Fundamentals of Computer Science	\checkmark	\checkmark	Practicum in Information Technology - Dual 7946WD	\checkmark	\checkmark	Practicum in Information Technology - Dual 7946XD
10 th Grade	SM1	SM2	12 th Grade	SM1	SM2	
Requirements			Requirements			
English II	\checkmark	\checkmark	English IV	\checkmark	\checkmark	
Geometry			4 th Math	/	/	
Chem/Phys/IPC			4 th Science			
US History			Elective		1	
LOTE YR 2			Elective		1	
Elective	~	✓	Practicum in Information Technology - Dual 7948WD	~	~	Practicum in Information Technology I - Dual 7948XD
Computer Science I	\checkmark	\checkmark	Practicum in Information Technology - Dual 7948WD	\checkmark	\checkmark	Practicum in Information Technology - Dual 7948XD

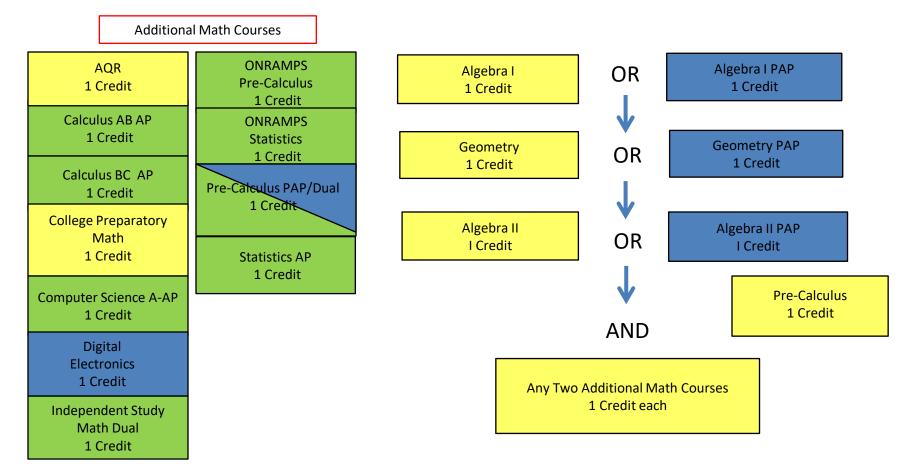
*Algebra II, Chemistry & Physics required for all STEM Endorsements

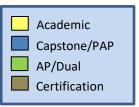


Academic
Capstone/PAP
AP/Dual
Certification

STEM Endorsement* Mathematics 2023-2024







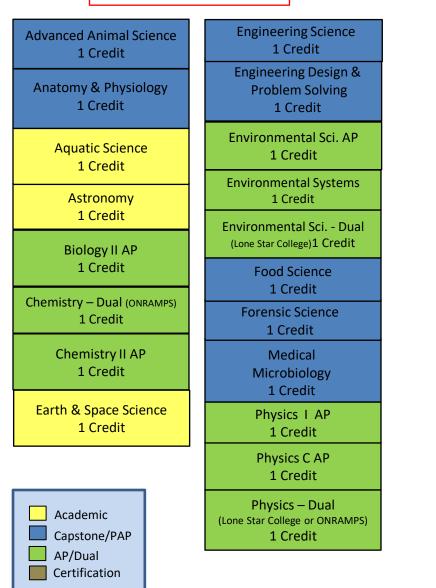
*Algebra II, Chemistry & Physics required for all STEM Endorsements

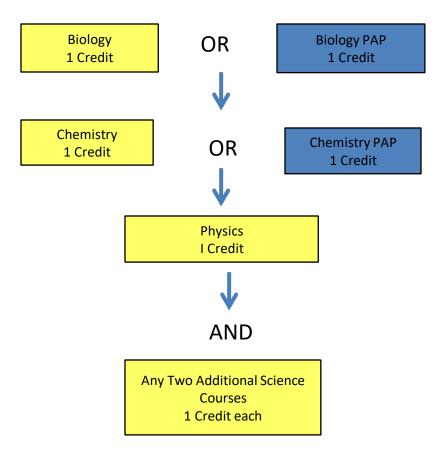


STEM Endorsement* Science 2023-2024



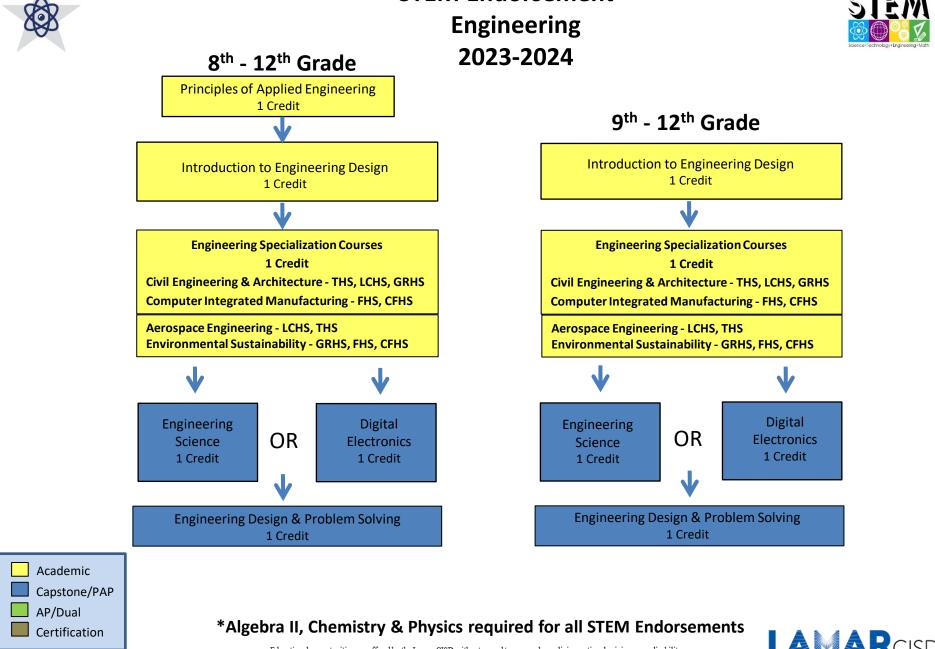
Additional Science Courses





*Algebra II, Chemistry & Physics required for all STEM Endorsements





STEM Endorsement *

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STEM Endorsement* Combination



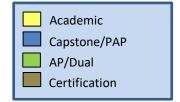
In addition to Algebra II, Chemistry and Physics a coherent sequence of three additional credits from no more than two of the following categories:

STEM Endorsement - Engineering

STEM Endorsement- Mathematics

STEM Endorsement- Science

STEM Endorsement- Computer Science



*Algebra II, Chemistry & Physics required for all STEM Endorsements

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Multidisciplinary Studies Endorsement



