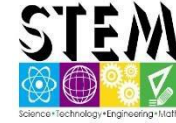




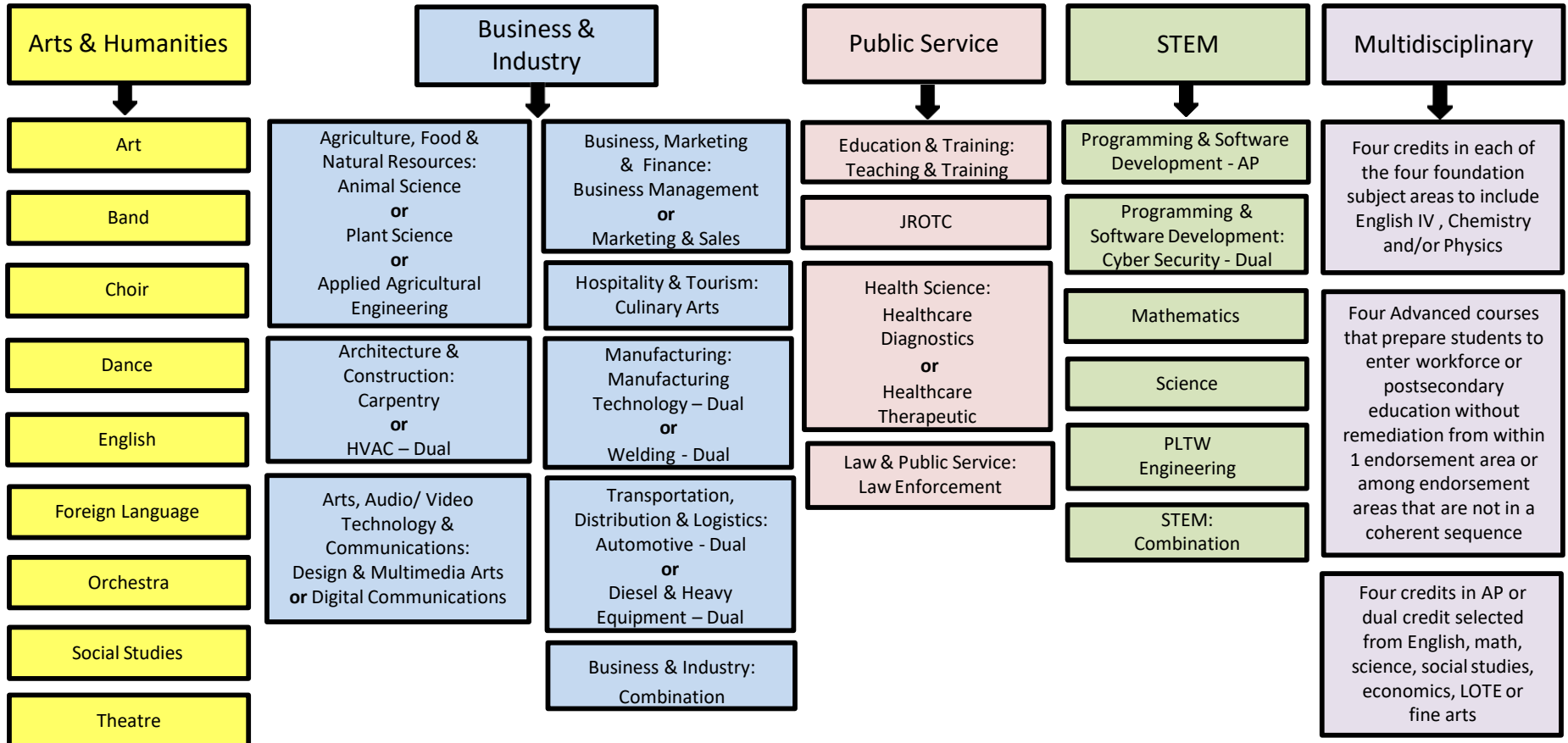
Multidisciplinary

LCISD Programs of Study By Endorsement 2022-2023

**PUBLIC
SERVICES**



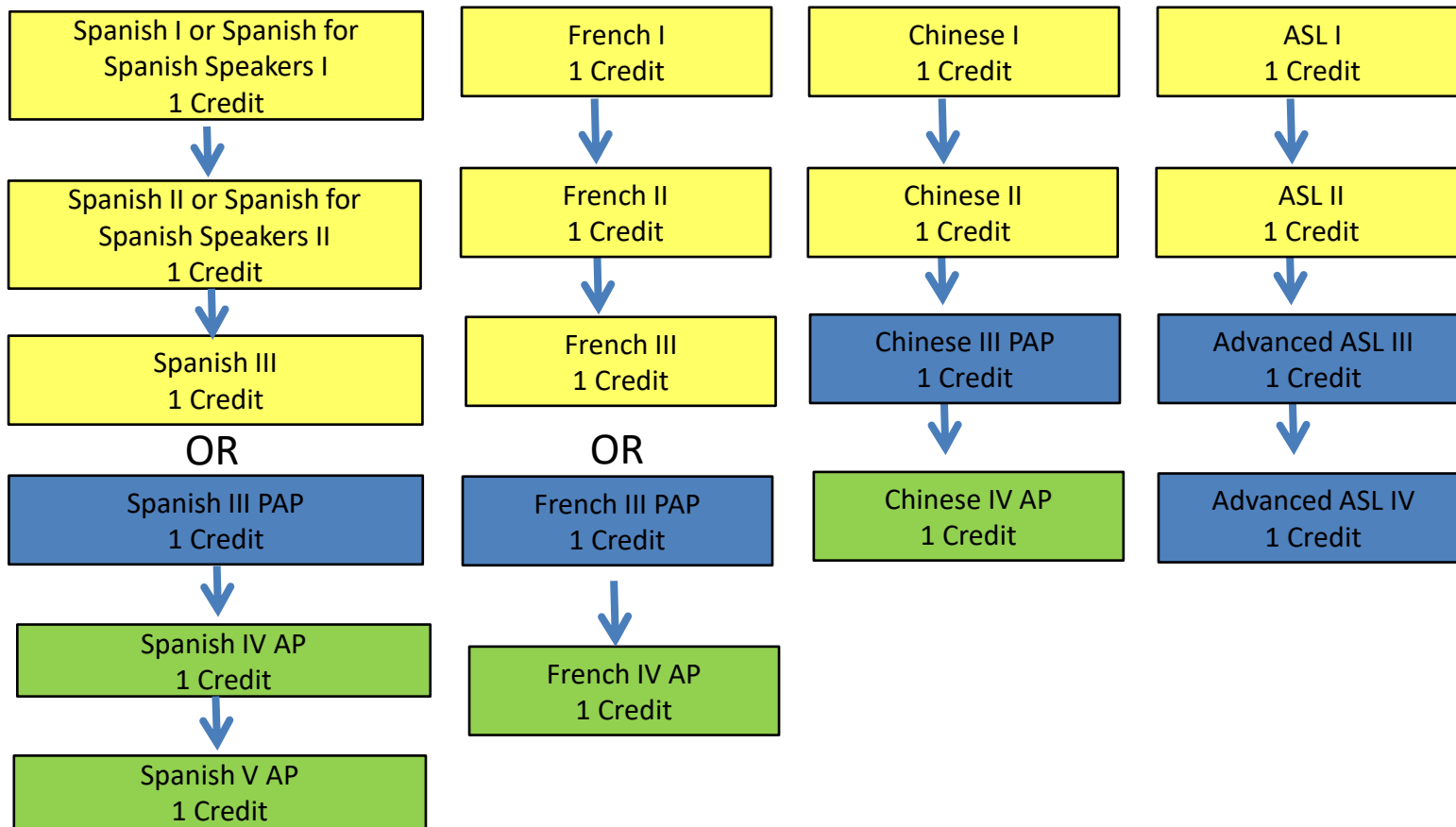
evanston
ARTS
& humanities
month



Arts & Humanities Endorsement

4 Credits in the **SAME** Language Sequence

2022-2023

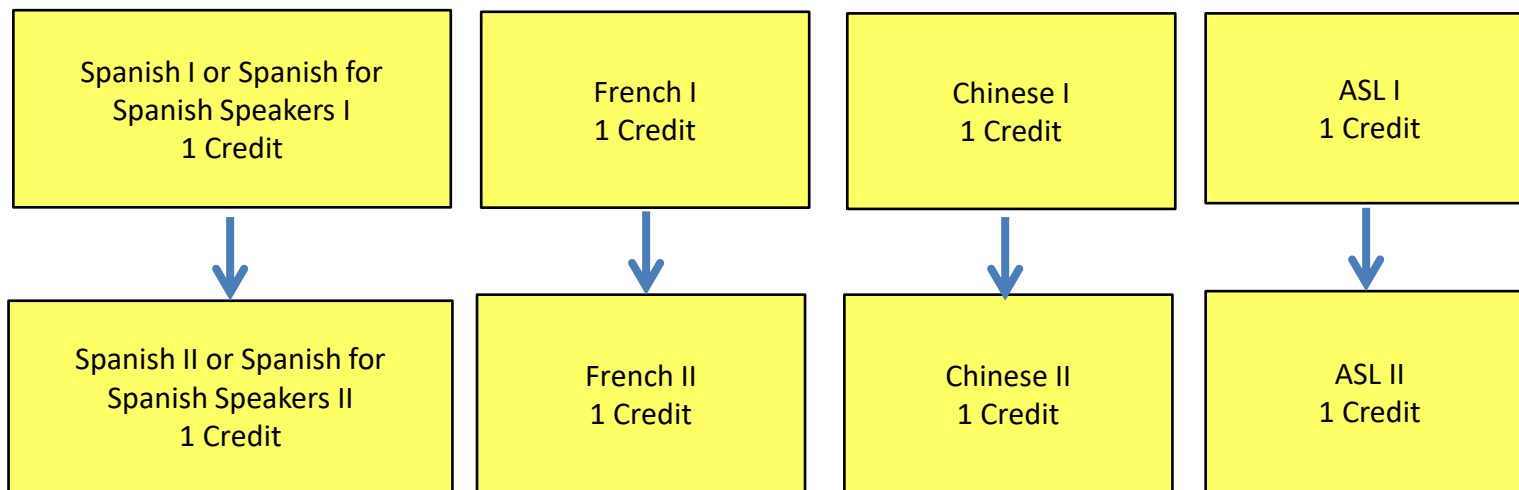






	Academic
	Capstone/PAP
	AP/Dual
	Certification

Arts & Humanities Endorsement

2 Credits each in 2 **different** Language Sequences

2022-2023



	Academic
	Capstone/PAP
	AP/Dual
	Certification

Arts & Humanities Endorsement

4 Credits in 1 or 2 Subject Areas in Fine Art Sequence

2022-2023

Additional
Fine Arts
Courses

Art History AP
1 Credit

Music Theory
AP
1 Credit

Art I /or
Art & Media
Communication
1 Credit

OR

ONRamps Art
Entertainment
Technologies-
Dual
1 Credit

Art II
1 Credit

Art III
1 Credit

OR

Art III PAP
1 Credit

Art IV
1 Credit

OR

Art IV AP
1 Credit

Dance I
1 Credit



Dance II
1 Credit



Dance III
1 Credit



Dance IV
1 Credit

Music I and/or
Music & Media
Communications
1 Credit



Music II
1 Credit



Music III
1 Credit



Music IV
1 Credit

Theatre I and/or
Theater and
Media
Communications
1 Credit

OR

~~Theatre & Media
Communications/
Theater & Media
Communications
Dual
.5/.5 Credit~~



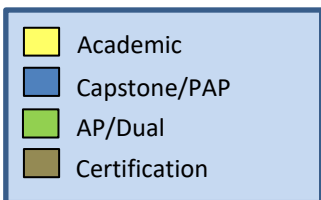
Theatre II and/or
Theater and
Media
Communications II
1 Credit



Theatre III
1 Credit



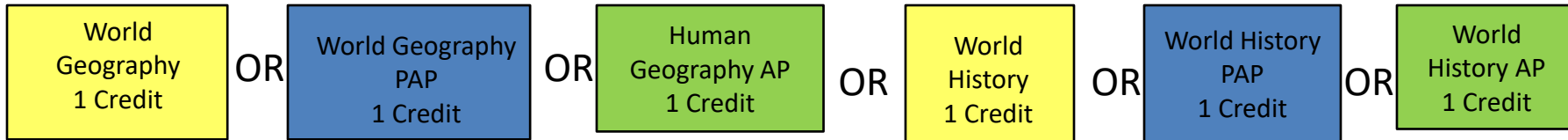
Theatre IV
1 Credit



Arts & Humanities Endorsement: Social Studies

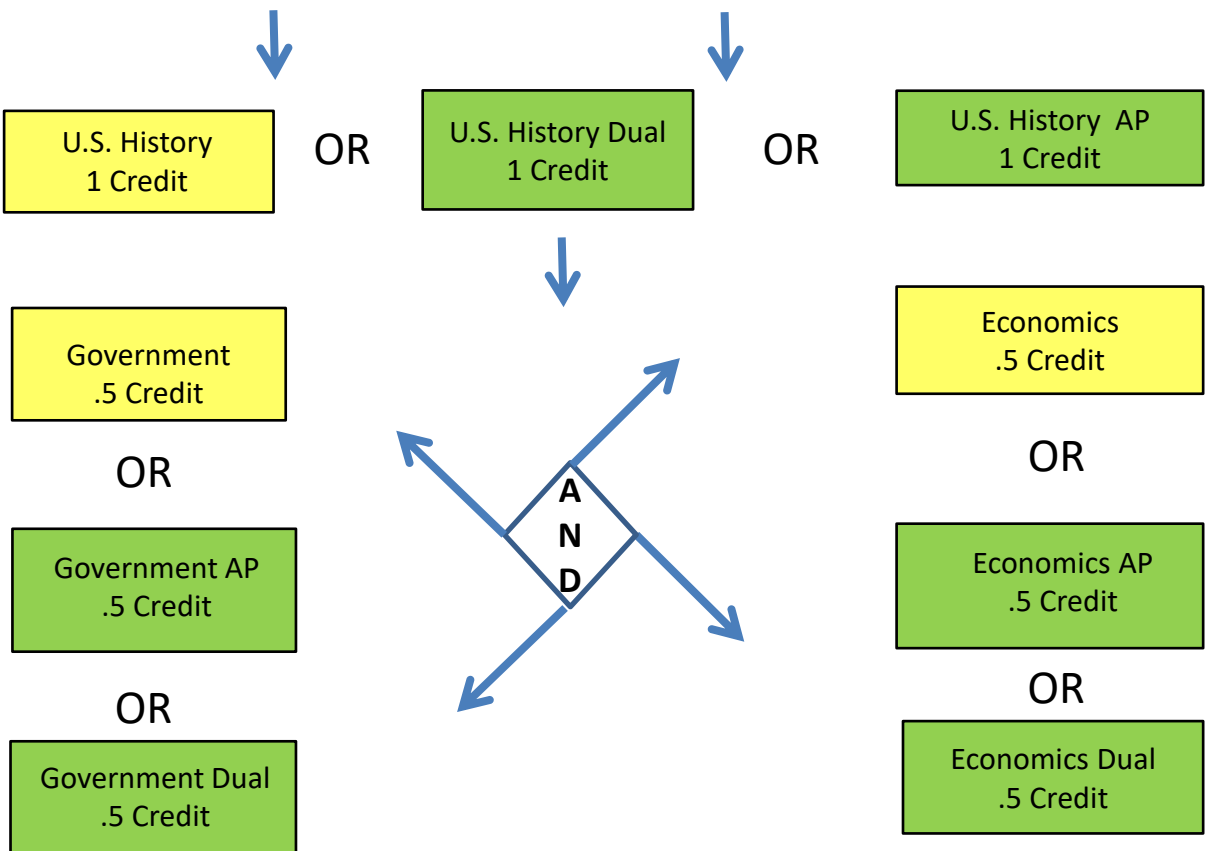
5 credits in Social Studies

2022-2023



Additional Social Studies Courses

- Psychology .5 Credit
- Psychology PAP .5 Credit
- Psychology -Dual .5 Credit
- Psychology AP .5 Credit
- Personal Financial Literacy .5 Credit
- Sociology .5 Credit
- Mexican American Studies 1 Credit
- Special Topics in Social Studies : African American Studies 1Credit
- European History AP 1 Credit

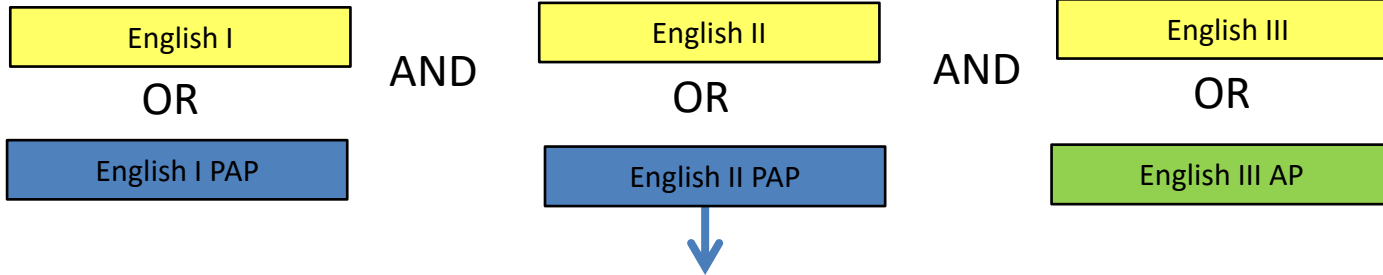


- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Arts & Humanities Endorsement: English

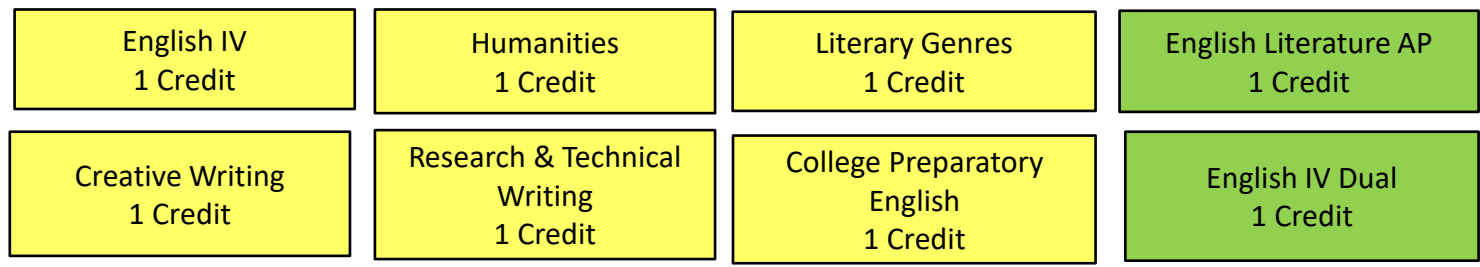
7 credits in English 2022-2023



(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



- Academic
- Capstone/PAP
- AP/Dual
- Certification

Business/Industry Endorsement: English

(4) English elective credits

2022-2023



(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



Three (3) levels in one of the following :

Journalism 1 Credit	Journalism 1 Credit	Journalism 1 Credit	Debate I 1 Credit
Advanced Broadcast: Journalism I 1 Credit	Advanced Journalism: Newspaper I 1 Credit	Advanced Journalism: Yearbook I 1 Credit	Debate II 1 Credit
Advanced Broadcast: Journalism II 1 Credit	Advanced Journalism: Newspaper II 1 Credit	Advanced Journalism: Yearbook II 1 Credit	Debate III 1 Credit
Advanced Broadcast: Journalism III 1 Credit	Advanced Journalism: Newspaper III 1 Credit	Advanced Journalism: Yearbook III 1 Credit	Independent Study in Speech (Debate IV) 1 Credit

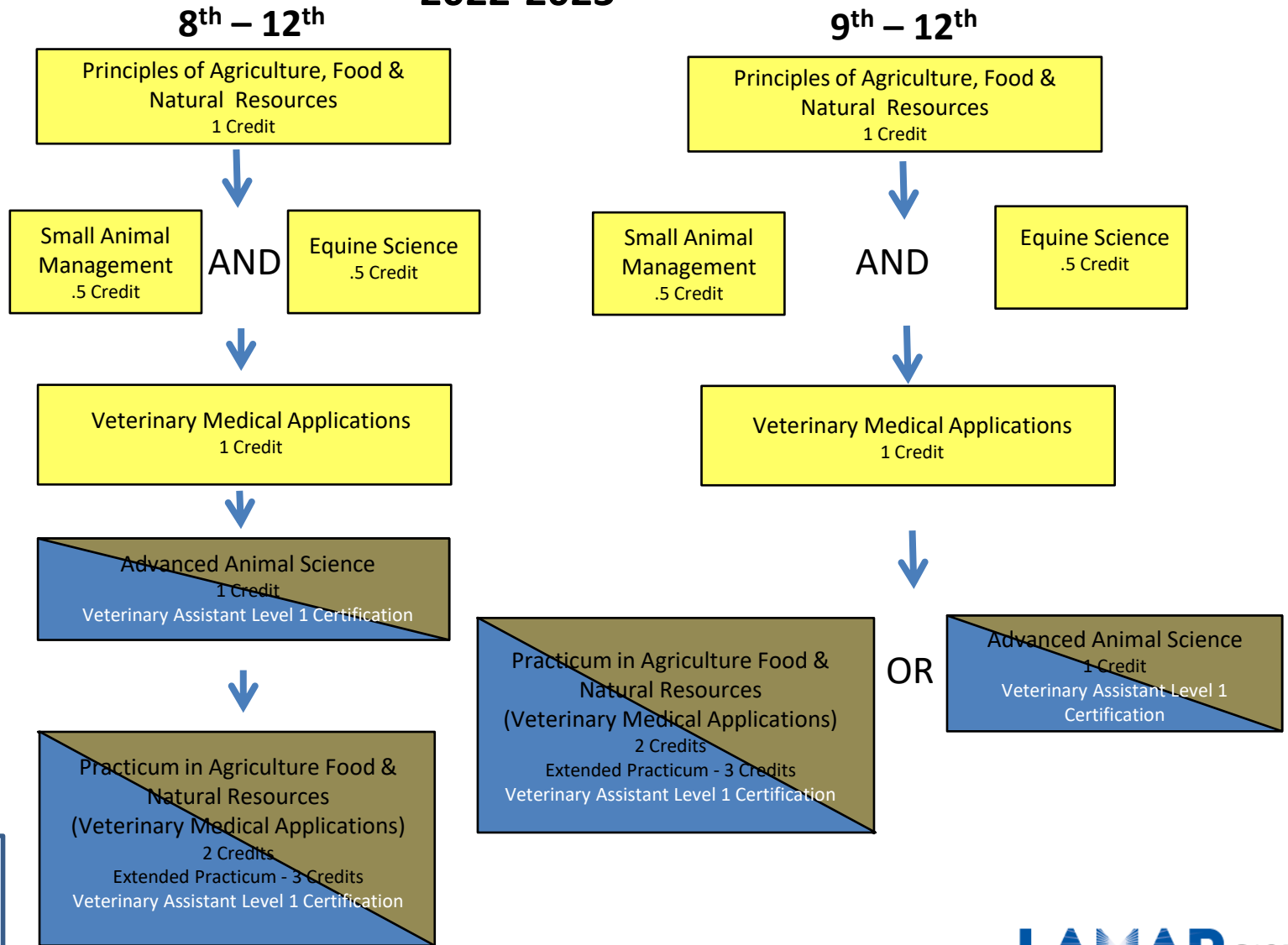
- Academic
- Capstone/PAP
- AP/Dual
- Certification



Business/Industry Endorsement

Agriculture, Food, & Natural Resources: Animal Science

2022-2023



	Academic
	Capstone/PAP
	AP/Dual
	Certification

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Business/Industry Endorsement

Agriculture, Food, & Natural Resources: Plant Science

2022-2023



8th – 12th

Principles of Agriculture, Food &
Natural Resources
1 Credit



Floral Design
1 Credit
Texas State Floral Association, Level 1 Certification



Advanced Floral Design
1 Credit
Texas State Floral Association, Level 2 Certification



Practicum in Agriculture, Food
& Natural Resources: Floral
Design
2 Credits
Texas State Floral Association, Level 2
Certification

- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Business/Industry Endorsement

Agriculture, Food, & Natural Resources: Applied Agricultural Engineering



8th – 12th

2022-2023

9th – 12th

Principles of Agriculture, Food & Natural Resources
1 Credit

Principles of Agriculture, Food & Natural Resources
1 Credit

Agricultural Mechanics & Metal Technologies
1 Credit
AWS Certification

Agricultural Mechanics & Metal Technologies
1 Credit
AWS Certification

Agricultural Structures Design & Fabrication Technologies
1 Credit
AWS Certification

Agricultural Structures Design & Fabrication Technologies
1 Credit
AWS Certification

Practicum in Agriculture Food & Natural Resources: Applied Agricultural Engineering
2 Credits
Extended Practicum
3 Credits
AWS Certification

Practicum in Agriculture Food & Natural Resources: Applied Agricultural Engineering
2 Credits
Extended Practicum
3 Credits
AWS Certification

Practicum in Agriculture Food & Natural Resources
Applied Agricultural Engineering (2nd time) 2 Credits
Extended Practicum (2nd time) 3 Credits
AWS Certification

- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Business/Industry Endorsement

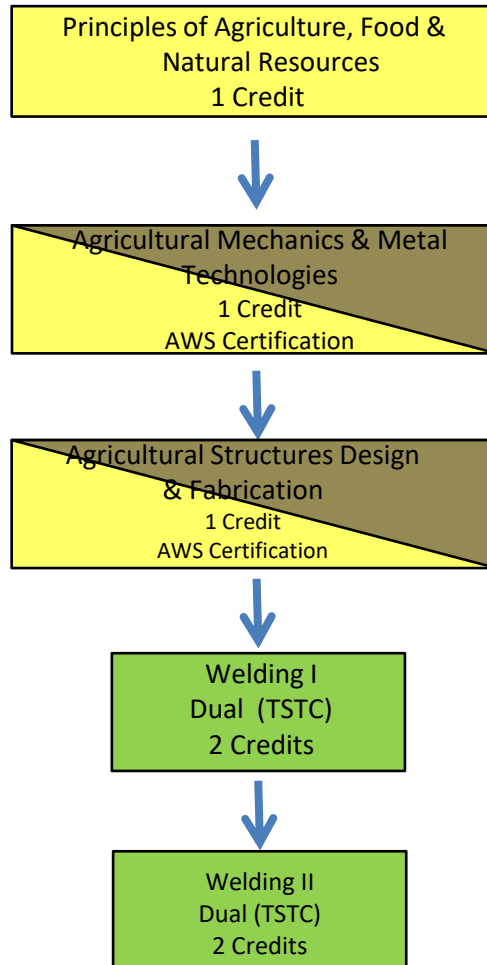
Manufacturing: Welding

2022-2023

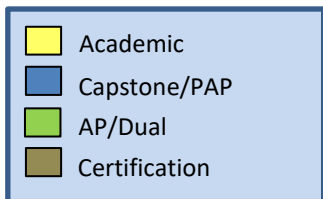
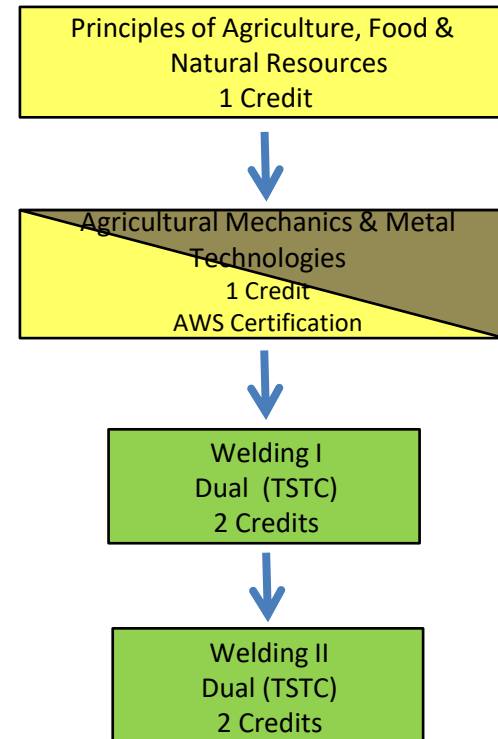


For students taking Agriculture, Food & Natural Resources in 8th grade , complete **Agricultural Mechanics & Metal Technologies** **1 Credit** in 9th grade and **Agricultural Structures Design & Fabrication** **1 Credit** in 10th grade

8th – 12th



9th – 12th



Transportation provided to and from TSTC during the school day.



Business/Industry Endorsement Manufacturing: Welding

Industry Certification Course Sequence 2022-2023



Additional Elective Courses

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

9 th Grade	SM1	SM2	11 th Grade	SM 1	SM2
Requirements			Requirements		
English I	✓	✓	English III	✓	✓
Algebra	✓	✓	Algebra II	✓	✓
Bio	✓	✓	3 rd Science	✓	✓
Wld. Geo/ or Wld. History	✓	✓	Government/Eco	✓	✓
PE	✓	✓	Elective	✓	✓
LOTE YR 1	✓	✓	Welding I Dual 7181WD	✓	✓
Principles of Agriculture, Food & Natural Resources	✓	✓	Welding I Dual 7181WD	✓	✓
10 th Grade	SM1	SM2	12 th Grade	SM 1	SM2
Requirements			Requirements		
English II	✓	✓	English IV	✓	✓
Geometry	✓	✓	4 th Math	✓	✓
Chem/Phys/IPC	✓	✓	4 th Science	✓	✓
US History	✓	✓	Elective	✓	✓
Fine Art	✓	✓	Elective	✓	✓
LOTE YR 2	✓	✓	Welding II Dual 7183WD	✓	✓
Agricultural Mechanics & Metal Technologies	✓	✓	Welding II Dual 7183WD	✓	✓

Transportation provided to and from TSTC during the school day.

- Academic
- Capstone/PAP
- AP/Dual
- Certification



Business/Industry Endorsement Architecture & Construction: Carpentry 2022-2023



8th – 12th

9th – 12th

Principles of Construction
1 Credit

OR

Principles of Architecture
1 Credit

Construction Technology I
2 Credits
NCCER Certification

Construction Technology I
2 Credits
NCCER Certification

Construction Technology II
2 Credits
NCCER Certification

Construction Technology II
2 Credits
NCCER Certification

Practicum in Construction
Technology
2 Credits
Extended Practicum
3 Credits
NCCER Certification

Practicum in Construction
Technology
2 Credits
Extended Practicum
3 Credits
NCCER Certification

Practicum in Construction
Technology
2 Credits
Extended Practicum
3 Credits
NCCER Certification

	Academic
	Capstone/PAP
	AP/Dual
	Certification

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Business/Industry Endorsement Architecture & Construction: Heating, Ventilation & Construction (HVAC) 2022-2023



Principles of Construction
1 Credit



Construction Technology I
2 Credits
NCCER Certification



Heating, Ventilation, Air Conditioning
Refrigeration Technology I-Dual
TSTC
1 Credit



Heating, Ventilation, Air Conditioning
Refrigeration & Technology II-Dual
TSTC
2 Credits
HVAC Technician Certification, Level 1



Transportation provided to and from TSTC during the school day.

- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Business/Industry Endorsement

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



Industry Certification Course Sequence 2022-2023



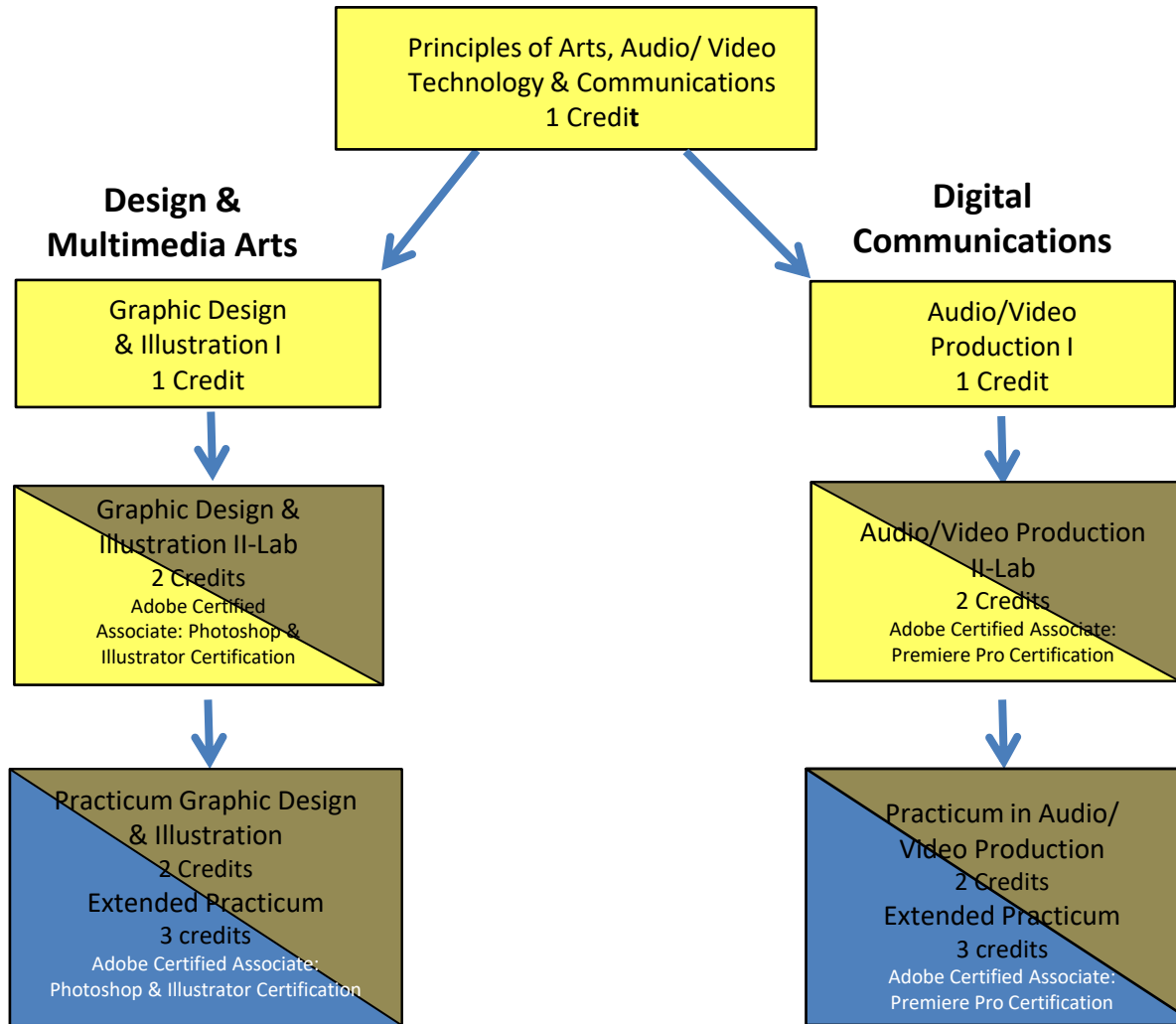
9 th Grade			11 th Grade		
SM1	SM2		SM1	SM2	
Requirements			Requirements		
English I	✓	✓	English III	✓	✓
Algebra	✓	✓	Algebra II	✓	✓
Bio	✓	✓	3 rd Science	✓	✓
Wld. Geo/ or Wld. History	✓	✓	Fine Art	✓	✓
PE	✓	✓	Government/Eco	✓	✓
LOTE YR 1	✓	✓	Elective	✓	✓
Principles of Construction	✓	✓	HVAC Technology I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

Transportation provided to and from TSTC during the school day.

Academic
Capstone/PAP
AP/Dual
Certification



Business/Industry Endorsement: Arts, Audio/Video Technology & Communications 2022-2023



	Academic
	Capstone/PAP
	AP/Dual
	Certification

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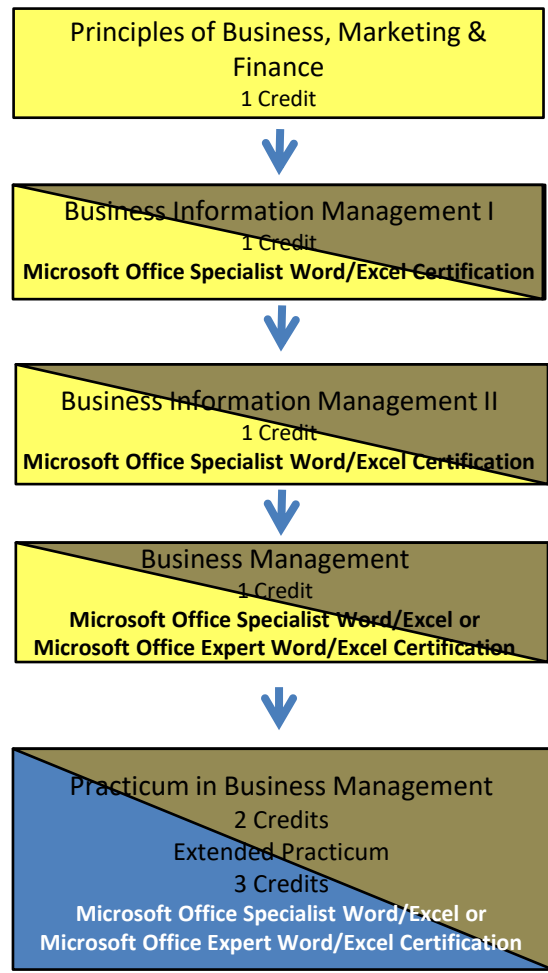
Business/Industry Endorsement

Business, Marketing, & Finance: Business Management

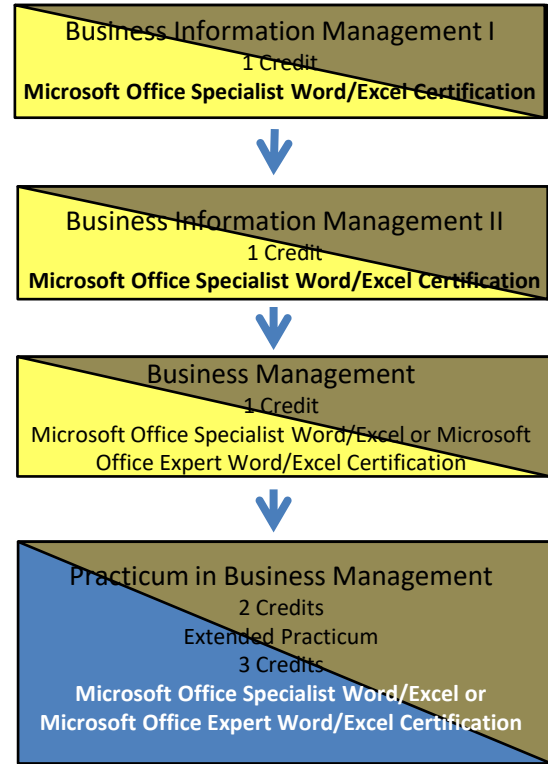
2022-2023



8th – 12th



9th – 12th



- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Business/Industry Endorsement

Business, Marketing, & Finance: Marketing & Sales

2022-2023



8th – 12th

Principles of Business, Marketing & Finance
1 Credit



Sports & Entertainment
Marketing
.5 Credit

AND

Advertising
.5 Credit



Retail Management
1 Credit
Entrepreneurship and Small Business Certification



Advanced Marketing
2 Credits
Entrepreneurship and Small
Business Certification

AND/
OR

Practicum in Marketing
(First time taking) 2 Credits
Extended Practicum
3 Credits
CareerSafe Certification



Practicum in Marketing
(Second time taking) 2 Credits
Extended Practicum
3 Credits
CareerSafe Certification

9th – 12th

Sports & Entertainment
Marketing
.5 Credit

AND

Advertising
.5 Credit



Retail Management
1 Credit
Entrepreneurship and Small Business Certification



Advanced Marketing
2 Credits
Entrepreneurship and Small
Business Certification

AND/
OR

Practicum in Marketing
(First time taking) 2 Credits
Extended Practicum
3 Credits
CareerSafe Certification



Practicum in Marketing
(Second time taking) 2 Credits
Extended Practicum
3 Credits
CareerSafe Certification

	Academic
	Capstone/PAP
	AP/Dual
	Certification

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Business/Industry Endorsement Hospitality & Tourism: Culinary Arts 2022-2023



Additional Elective
Course

Food Science
1 Credit

8th - 12th

Principles of Hospitality & Tourism
1 Credit

Introduction to Culinary Arts
1 Credit

Culinary Arts
2 Credits
Food Handler Certification

Advanced Culinary Arts
2 Credits
Food Handler Certification & ServSafe Manager
Certification

Practicum in Culinary Arts
2 Credits
Extended Practicum
3 Credits
ServSafe Manager Certification

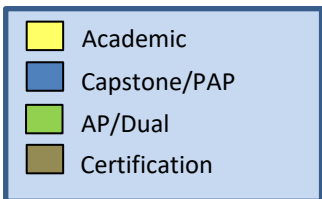
9th - 12th

Introduction to Culinary Arts
1 Credit

Culinary Arts
2 Credits
Food Handler Certification

Advanced Culinary Arts
2 Credits
Food Handler Certification & ServSafe Manager
Certification

Practicum in Culinary Arts
2 Credits
Extended Practicum
3 Credits
ServSafe Manager Certification



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Business/Industry Endorsement

Transportation, Distribution & Logistics: Automotive – Diesel Equipment Technology 2022-2023

Automotive Basics
1 Credit



Automotive Technology I:
Maintenance & Light Repair
Dual (TSTC)
2 Credits
ASE Certification







Diesel Equipment
Technology I - Dual
(TSTC)
2 Credits
ASE Certification



Diesel Equipment
Technology II - Dual
(TSTC)
2 Credits
ASE Certification



Transportation provided to and from TSTC during the school day.

-  Academic
-  Capstone/PAP
-  AP/Dual
-  Certification

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Business/Industry Endorsement

Transportation: Diesel Equipment Technology

Industry Certification Course Sequence 2022-2023



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

	Academic
	Capstone/PAP
	AP/Dual
	Certification



Business/Industry Endorsement

Transportation, Distribution & Logistics: Automotive

2022-2023



Automotive Dual

Automotive Basics
1 Credit



Automotive Technology I:
Maintenance & Light Repair
Dual (TSTC)
2 Credits
ASE Certification



Automotive Technology II:
Automotive Service
Dual (TSTC)
2 Credits
ASE Certification



Practicum in Transportation
Systems
2 Credits
Extended Practicum
3 Credits
ASE Certification



Automotive
Dual courses
taught at LCHS

	Academic
	Capstone/PAP
	AP/Dual
	Certification

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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

	Academic
	Capstone/PAP
	AP/Dual
	Certification



Public Services Endorsement Education & Training 2022-2023

**PUBLIC
SERVICES**

Teaching & Training

Principles of Education & Training
1 Credit



Human Growth & Development
1 Credit



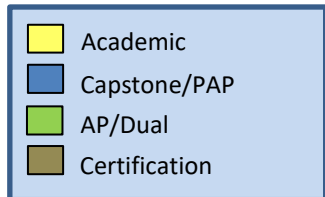
Instructional Practices
2 Credits



Practicum in Education & Training
2 Credits
Extended Practicum
3 Credits
Teacher's Aide Certification



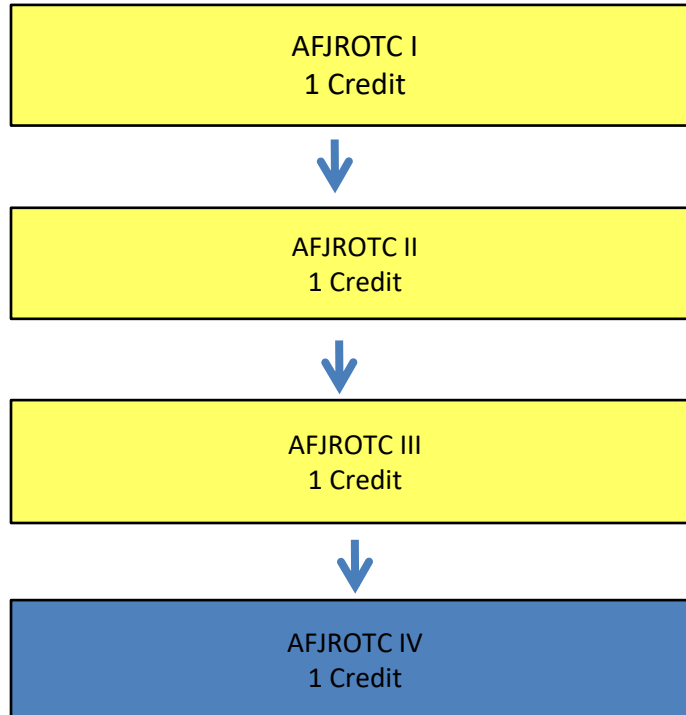
Practicum in Education & Training
2 Credits
Extended Practicum
3 Credits
Teacher's Aide Certification







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Public Services Endorsement Air Force Junior ROTC 2022-2023

**PUBLIC
SERVICES**



	Academic
	Capstone/PAP
	AP/Dual
	Certification

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Public Service Endorsement Health Science 2022-2023

**PUBLIC
SERVICES**

Principles of Health Science
1 Credit

Medical Terminology
1 Credit

Health Science Theory
1 Credit

OR

Health Science Clinical
2 Credits
CPR & ECG/EKG Certifications

Choose 4th "specialization" course; other than HS General, all "specialization" courses taught in a central location TBA

Health Science General

Anatomy & Physiology
1 Credit

OR

Practicum in HS: General
2 Credits
Extended Practicum - 3 Credits
Certified Medical Assistant
Certification

Patient Care Technician

Practicum in HS:
Patient Care Technician
2 Credits
Patient Care Technician
Certification

EMT

Practicum in Health
Science – Dual WCJC:
EMSP 1501F & EMSP 1160SP
3 Credits
Emergency Medical
Technician – Basic Certification

Pharmacy Technician

Pharmacology
1 Credit
Certified Pharmacy Technician
Certification

Practicum in HS:
Pharmacology
2 Credits
Certified Pharmacy Technician
Certification

Dental Assistant

Dental Anatomy
& Physiology
1 Credit

Dental Equipment
& Procedures
1 Credit

Practicum in HS: Dental
2 Credits
Registered Dental Assistant

Additional Elective Course

Medical Microbiology
1 Credit

- Academic
- Capstone/PAP
- AP/Dual
- Certification

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Public Services Endorsement

Law & Public Service: Law Enforcement 2022-2023

Additional Elective
Courses

Court Systems & Practices
1 Credit

Law Enforcement I
1 Credit



Law Enforcement II
1 Credit



Correctional Services
1 Credit
Basic Correctional Officer Certification
Emergency Telecommunicator Certification



OR

Forensic Science
1 Credit

Practicum in Law, Public Safety,
Correction & Security
2 Credits
Extended Practicum
3 Credits
Emergency Telecommunicator
Certification

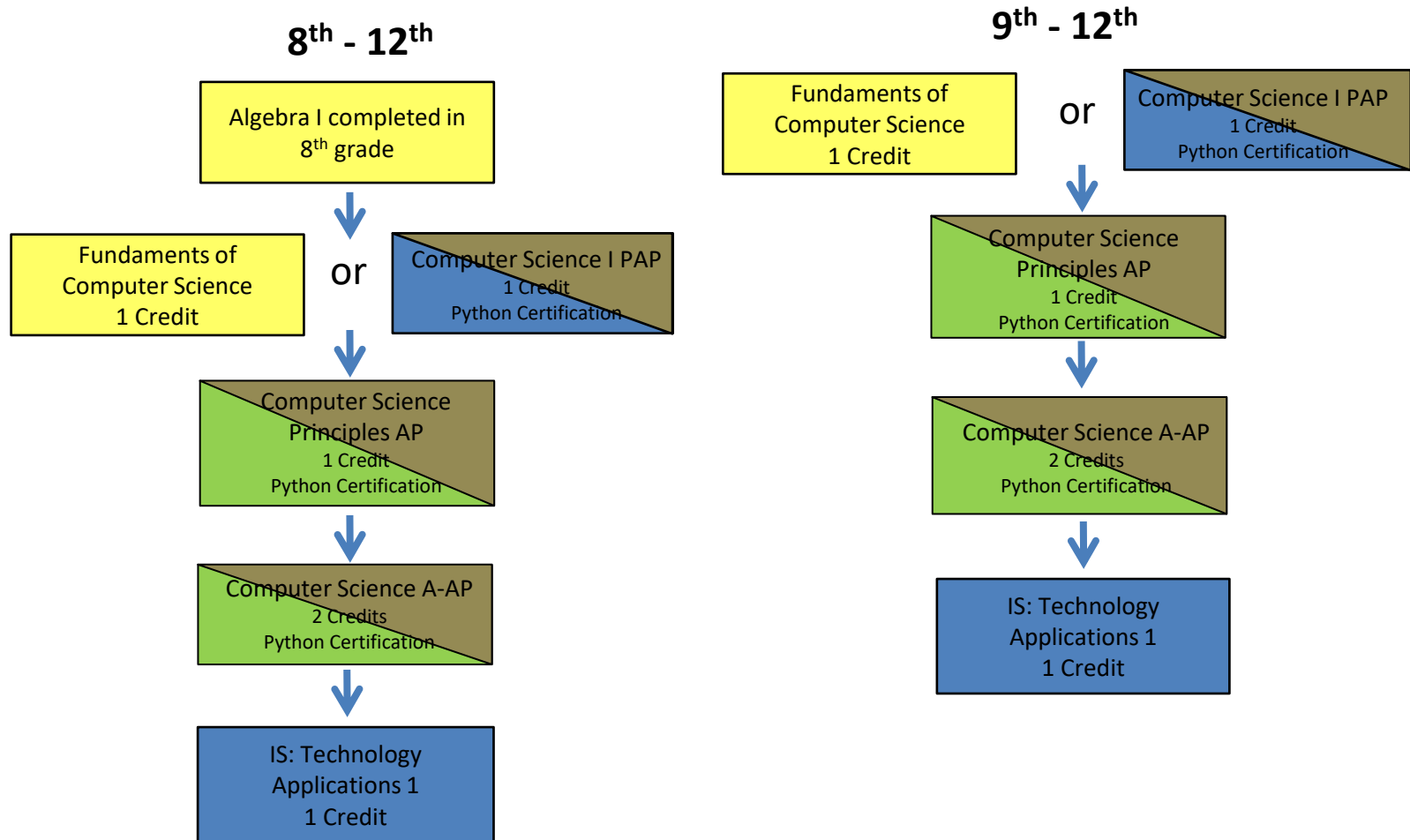
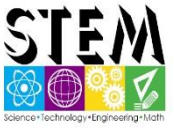
	Academic
	Capstone/PAP
	AP/Dual
	Certification



STEM Endorsement*

Programming and Software Development - AP

2022-2023



	Academic
	Capstone/PAP
	AP/Dual
	Certification

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

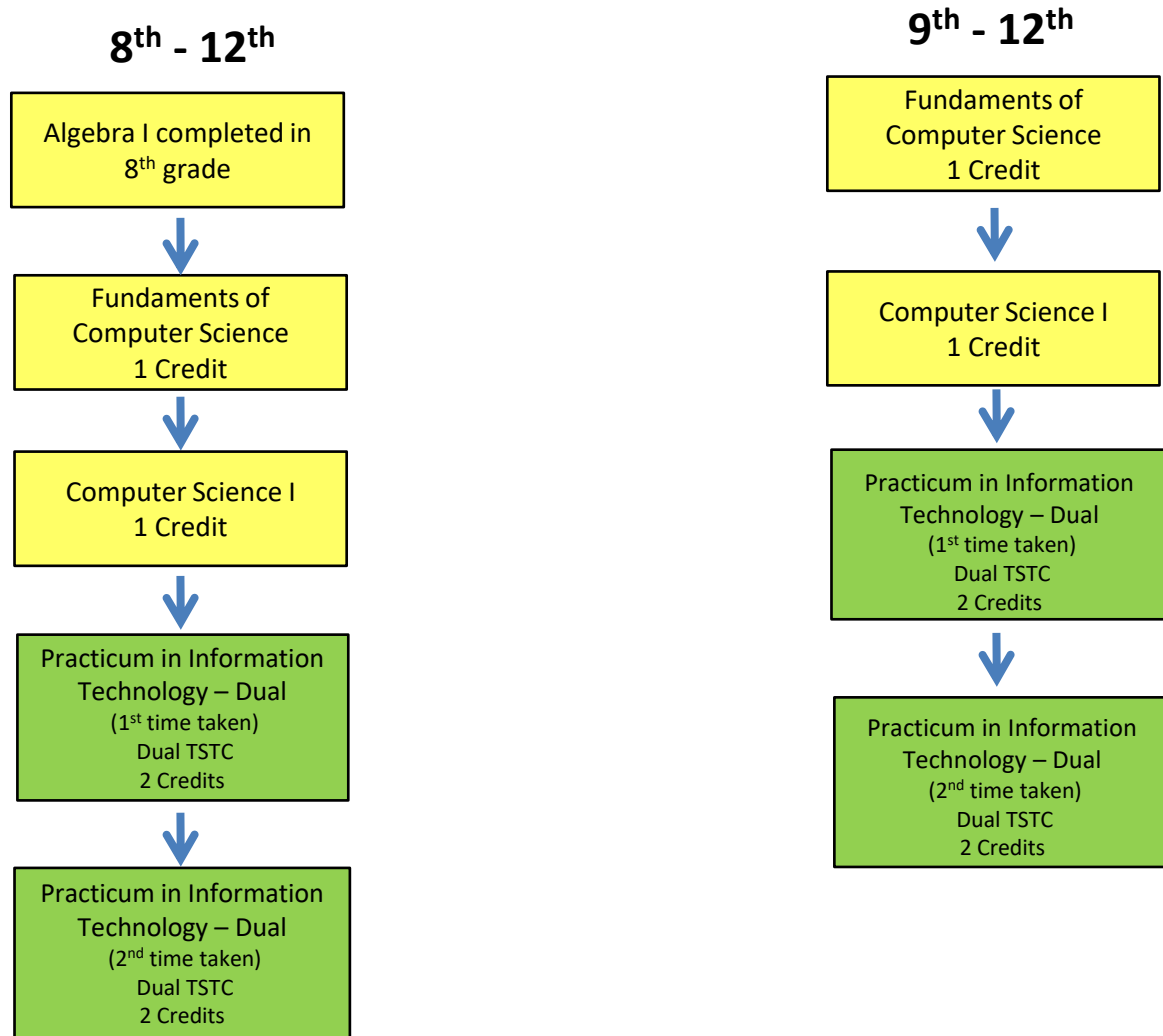
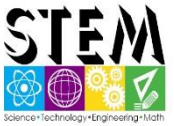
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STEM Endorsement*

Programming and Software Development – Cyber Security

2022-2023



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

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STEM Endorsement*

Program and Software Development – Cyber Security Dual



2022-2023

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

Transportation provided to and from TSTC during the school day.

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

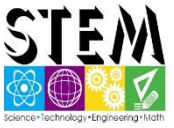


Academic
Capstone/PAP
AP/Dual
Certification

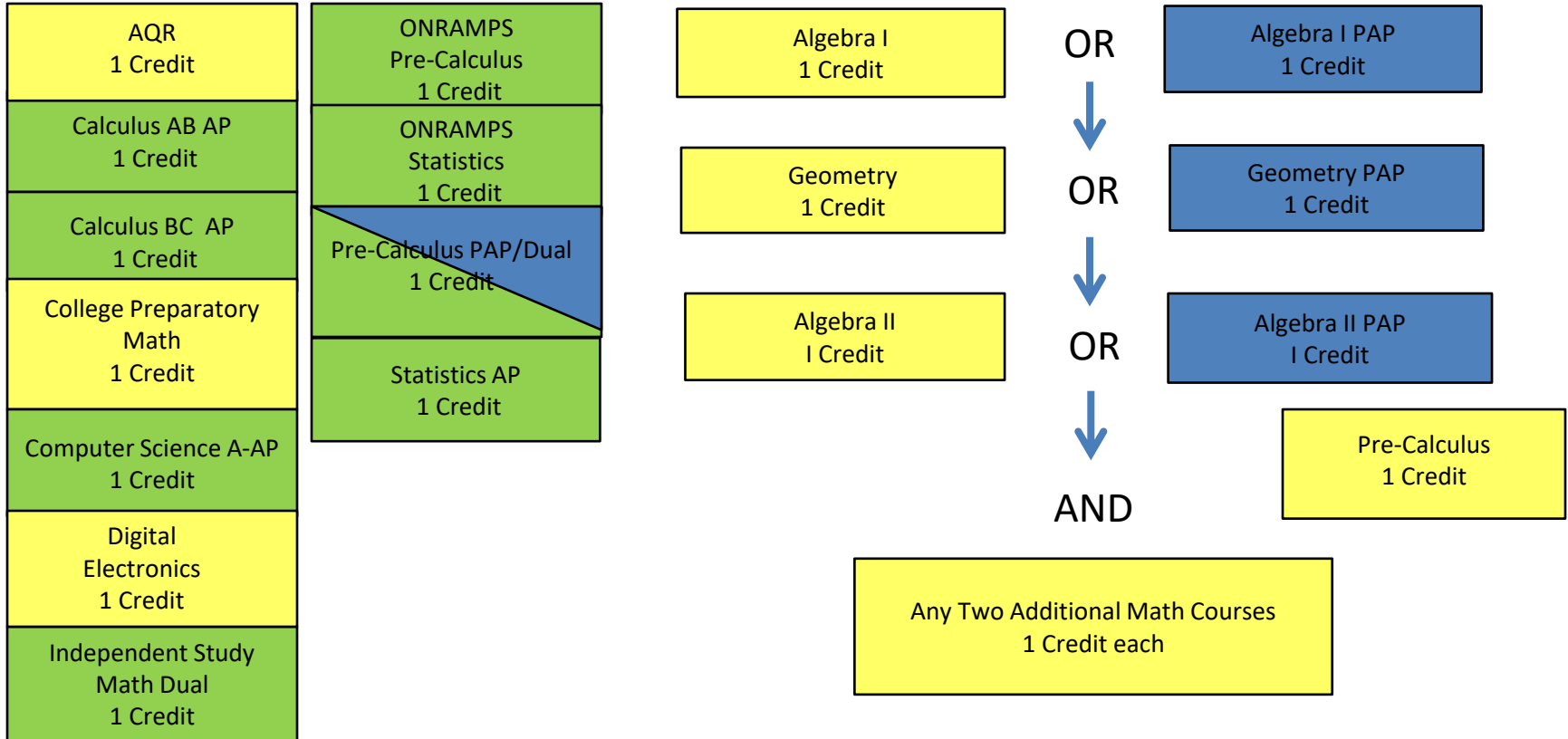
STEM Endorsement*

Mathematics

2022-2023



Additional Math Courses



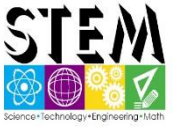
- Academic
- Capstone/PAP
- AP/Dual
- Certification

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

STEM Endorsement*

Science

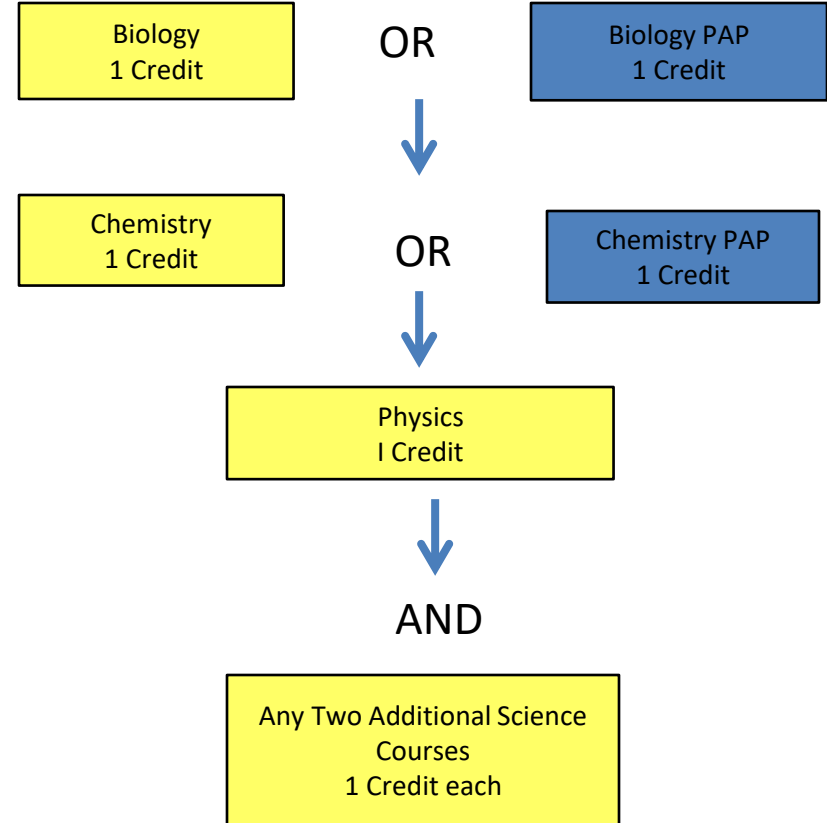
2022-2023



Additional Science Courses

Advanced Animal Science 1 Credit	Engineering Science 1 Credit
Anatomy & Physiology 1 Credit	Engineering Design & Problem Solving 1 Credit
Aquatic Science 1 Credit	Environmental Sci. AP 1 Credit
Astronomy 1 Credit	Environmental Systems 1 Credit
Biology II AP 1 Credit	Environmental Sci. - Dual (Lone Star College) 1 Credit
Chemistry – Dual (ONRAMPS) 1 Credit	Food Science 1 Credit
Chemistry II AP 1 Credit	Forensic Science 1 Credit
Earth & Space Science 1 Credit	Medical Microbiology 1 Credit
	Physics I AP 1 Credit
	Physics C AP 1 Credit
	Physics – Dual (Lone Star College or ONRAMPS) 1 Credit

- Academic
- Capstone/PAP
- AP/Dual
- Certification



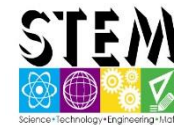
***Algebra II, Chemistry & Physics required for all STEM Endorsements**



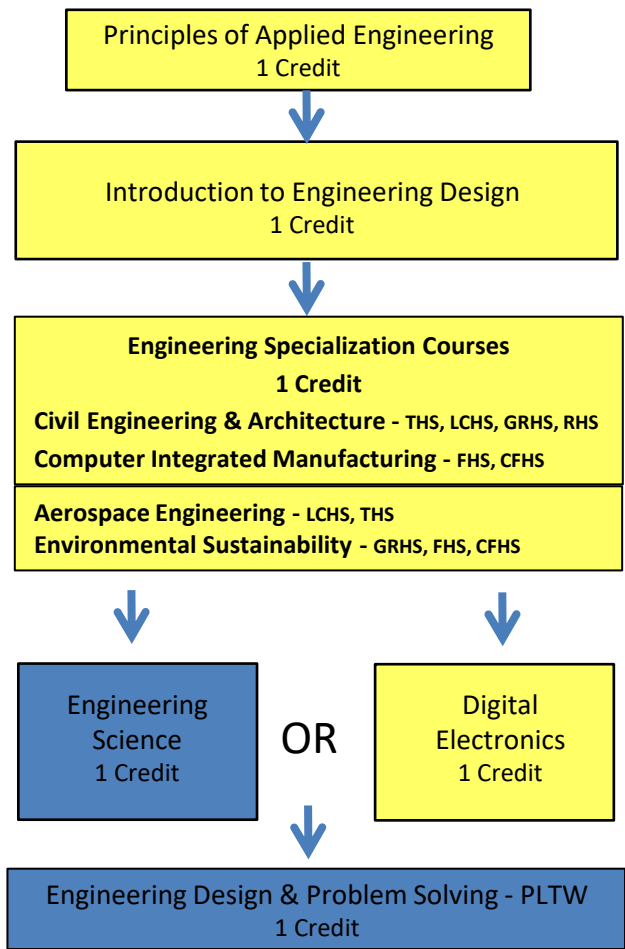
STEM Endorsement *

PLTW: Engineering

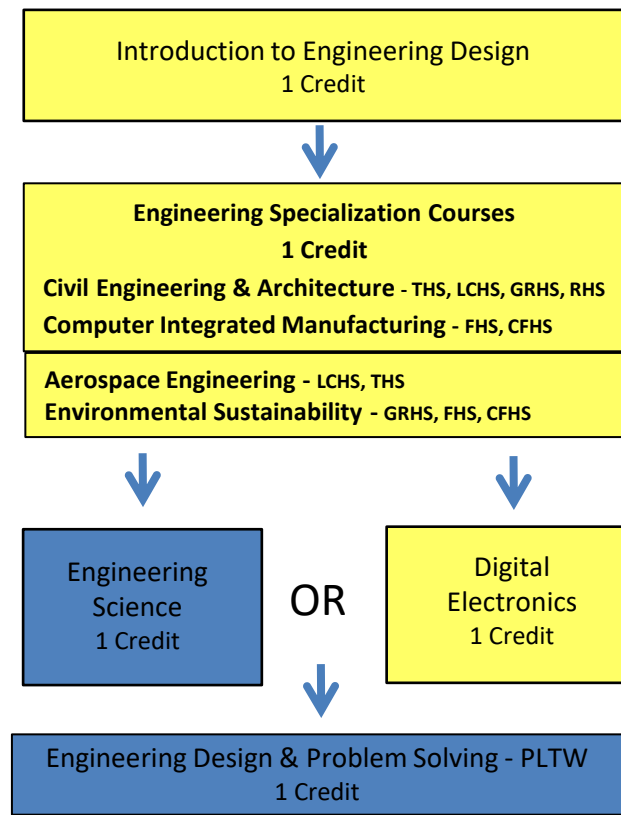
2022-2023



8th - 12th Grade



9th - 12th Grade



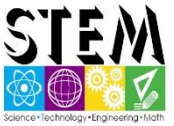
- Academic
- Capstone/PAP
- AP/Dual
- Certification

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

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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 - PLTW

STEM Endorsement- Mathematics

STEM Endorsement- Science

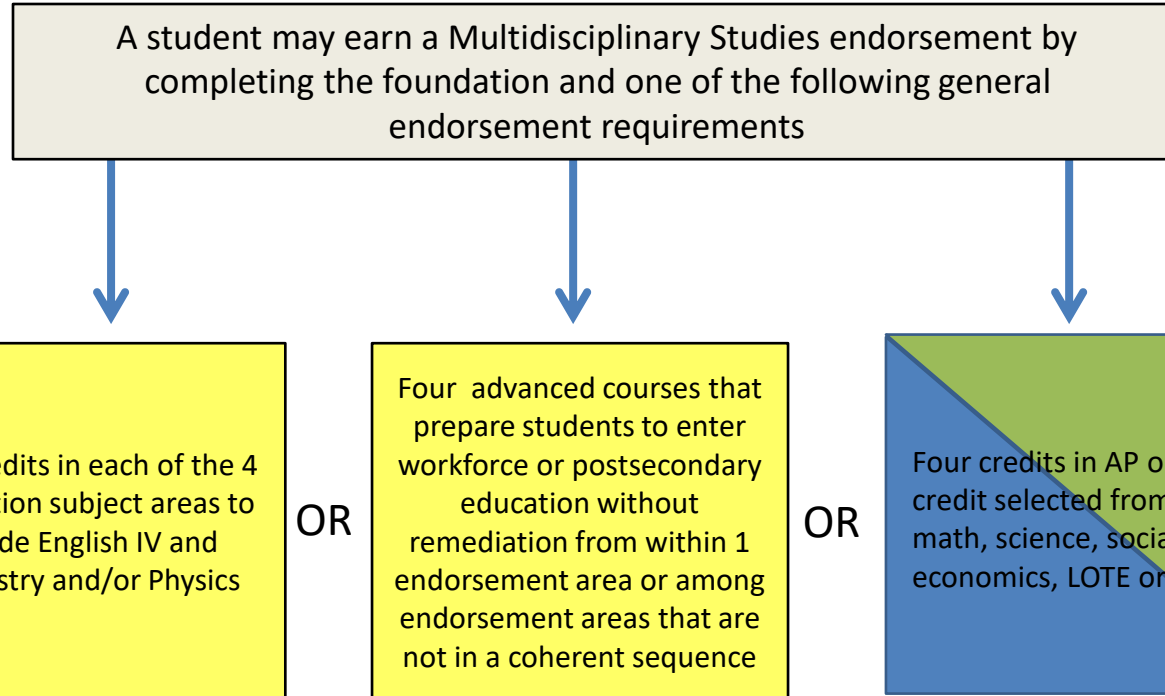
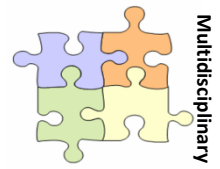
STEM Endorsement- Computer Science

- Academic
- Capstone/PAP
- AP/Dual
- Certification

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

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Multidisciplinary Studies Endorsement



	Academic
	Capstone/PAP
	AP/Dual
	Certification

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