

CTE Flow Charts

- I. Middle School Courses
- II. Agriculture, Food, & Natural Resources
- III. Architecture & Construction
- IV. Arts, A/V, Technology & Communications
- V. Business Management & Administration
- VI. Education and Training
- VII. Health Science
- VIII. Hospitality & Tourism
- IX. Human Services
- X. Information Technology
- XI. Law, Public Safety, Corrections, & Security
- XII. Manufacturing
- XIII. STEM
- XIV. Transportation, Distribution, & Logistics

Key

A
Indicates
Advanced Course

Indicates Limited
Seating Course

Indicates
Prerequisite(s)
Required

Middle School CTE Courses

Middle School Option

Investigating Careers
(One Semester)
7th-8th

Options For High School Credit

Digital Design & Media Production
(1 Credit)
8th

Digital Art & Animation
(1 Credit)
8th

Video Game Design
(1 Credit)
8th

Principles Of Applied Engineering
(1 Credit)
8th

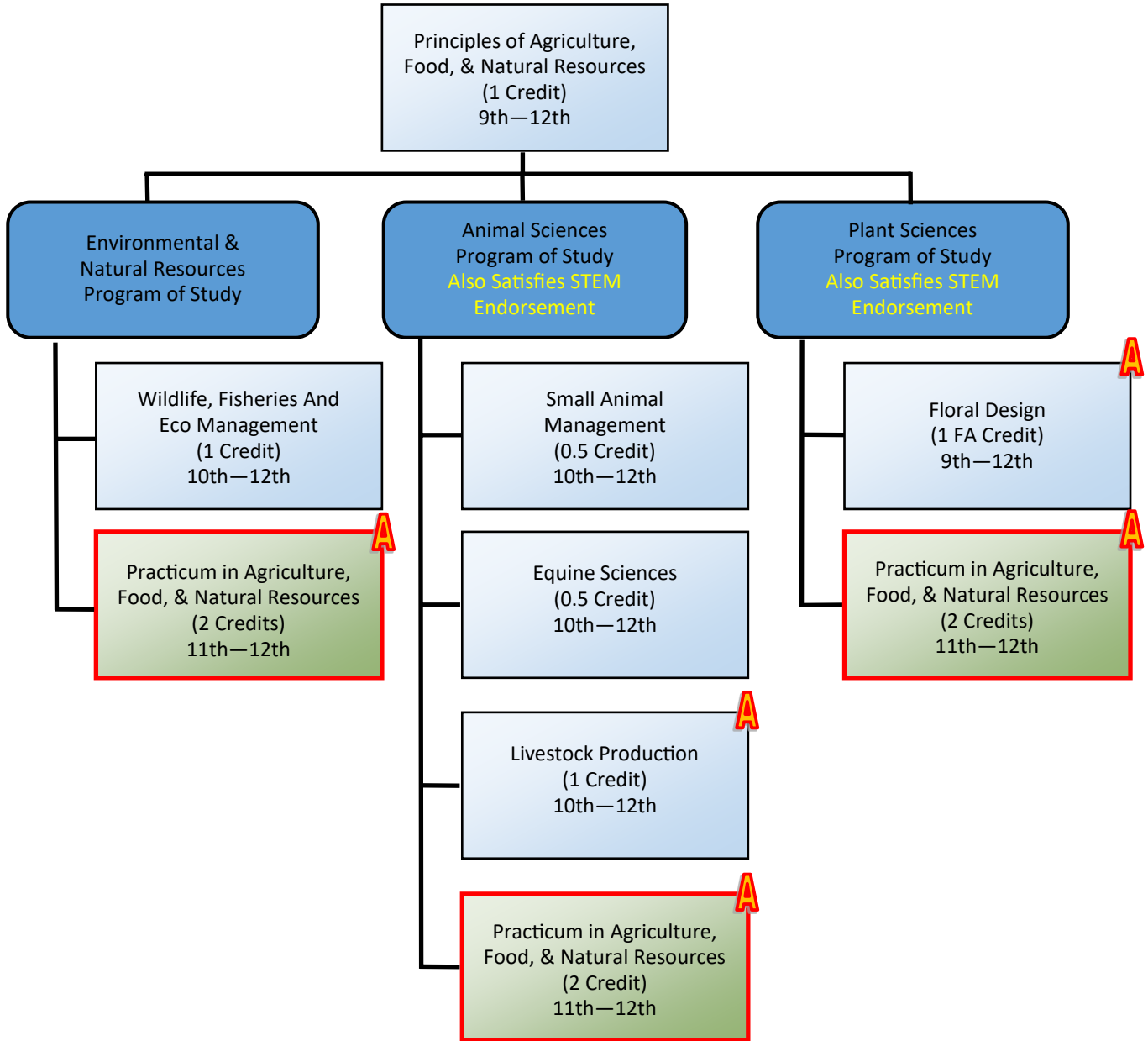
Principles of Human Services
(1 Credit)
8th

Professional Communications / CCR
(0.5 Credit)
8th

Touch Systems Data Entry
(0.5 Credit)
8th

Principles of Arts, A/V,
Tech & Communications
(1 Credit)
8th

Agriculture, Food, and Natural Resources Cluster
Business and Industry Endorsement



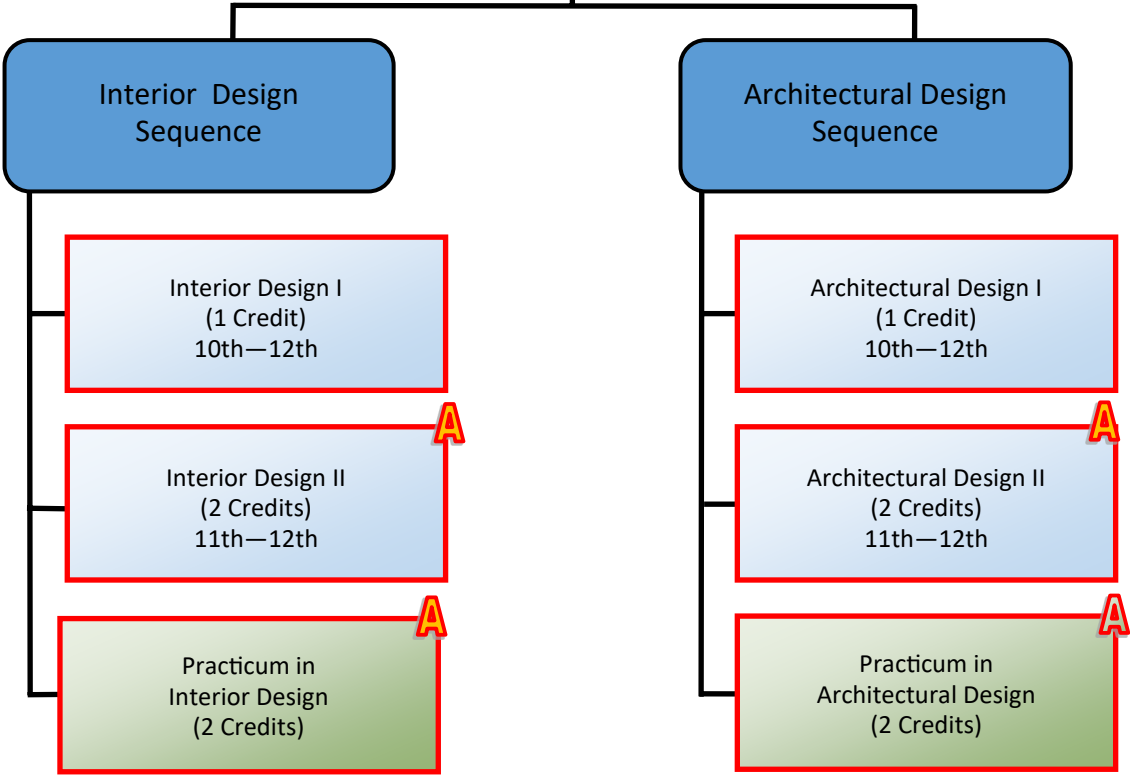
Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Architecture & Construction Cluster
Business and Industry Endorsement
Also Satisfies STEM Endorsement

Architectural Design Program of Study

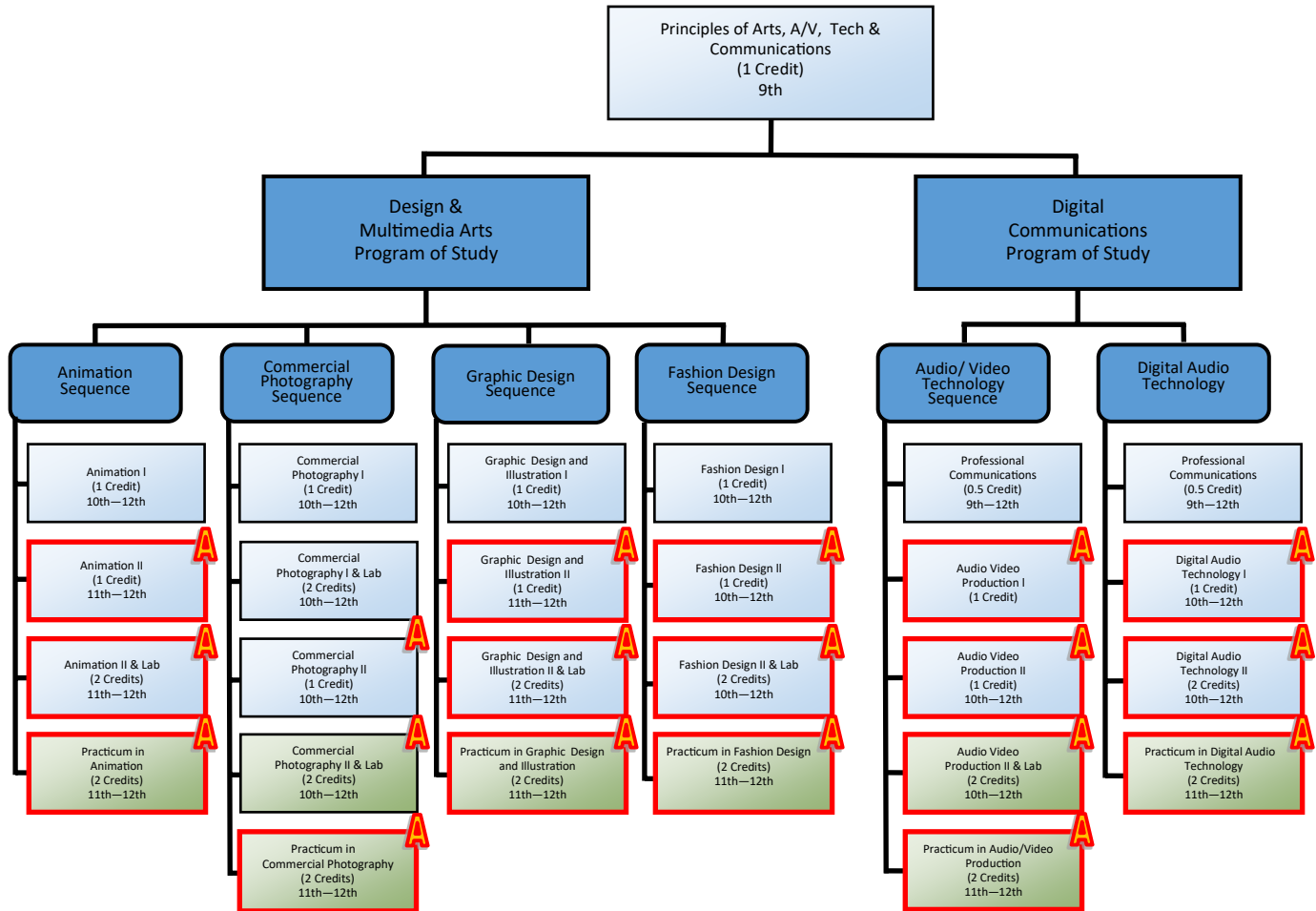
Principles of Architecture
(1 Credit)
9th—12th



Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

**Arts, Audio/ Video Technology, and
Communications Cluster**
Business and Industry Endorsement

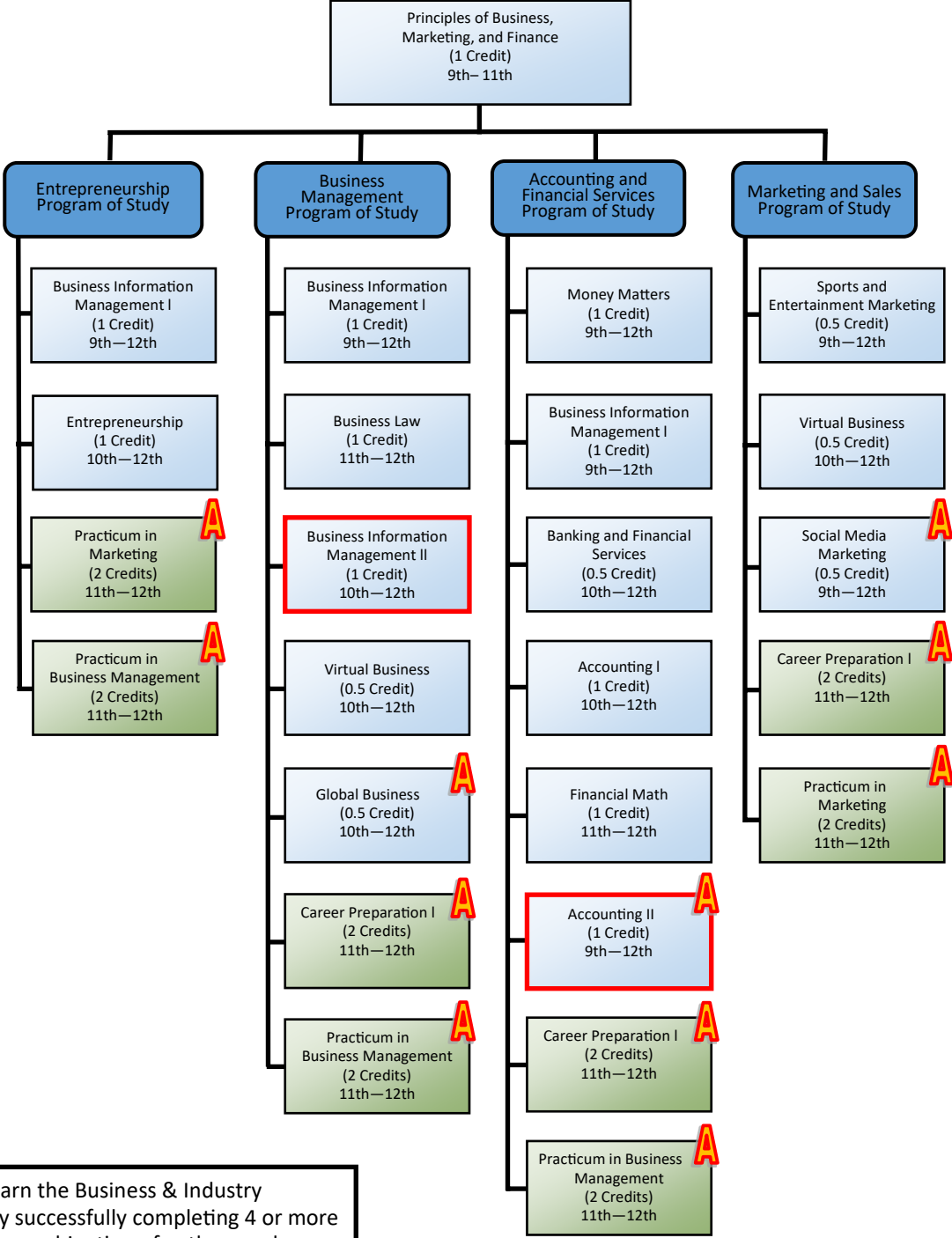


Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

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- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Business Management and Administration Cluster

Business and Industry Endorsement



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- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Education and Training Cluster

Public Service Endorsement

Principles of
Education & Training
(1 Credit)
9th– 10th

Principles of
Human Services
(1 Credit)
8th-10th

Teaching and Training Program of Study

Human Growth &
Development
(1 Credit)
10th–12th

Instructional Practices in
Education & Training
(2 Credits)
11th–12th

Practicum in
Education & Training
(2 Credits)
12th

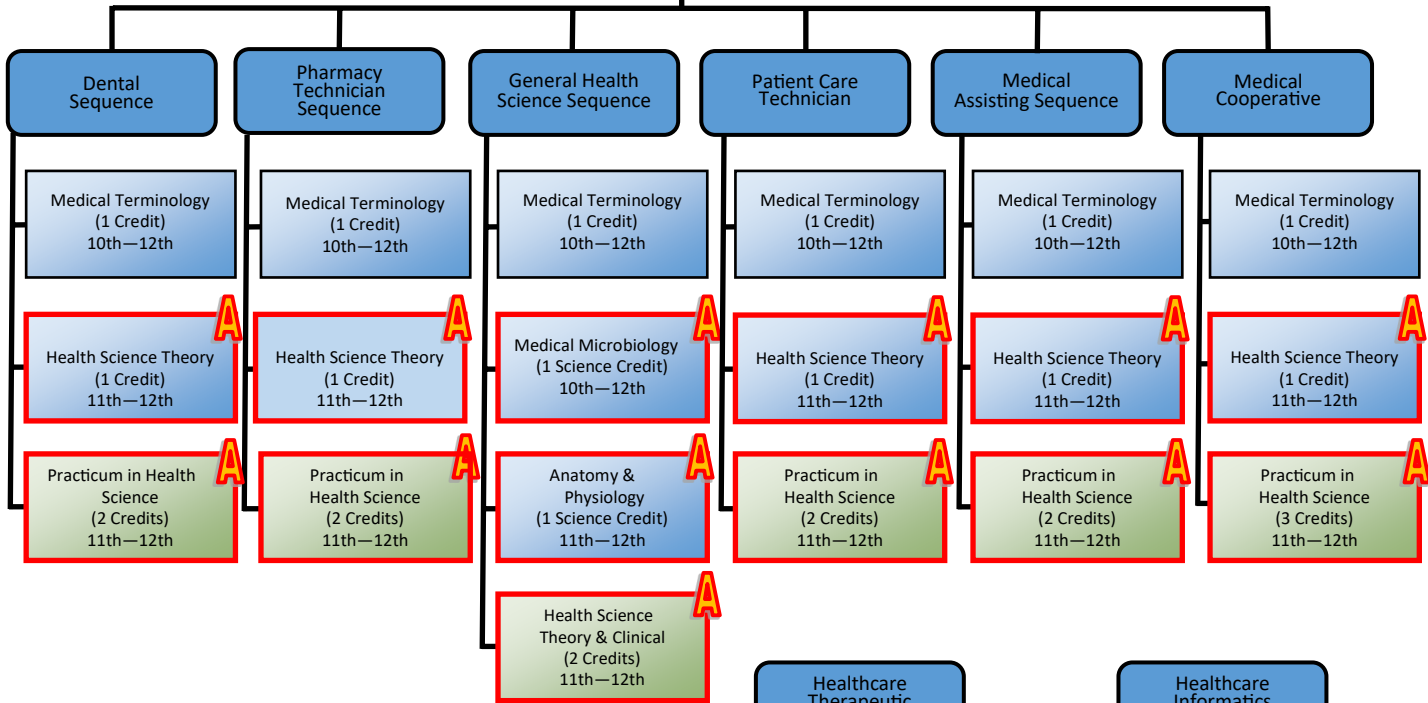
Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

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- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Health Science Cluster
Public Service Endorsement
Also Satisfies STEM Endorsement

Principles of Health Science
 (1 Credit)
 9th-10th

Healthcare Therapeutic
 Program of Study



Healthcare Therapeutic
 Program of Study

Healthcare Informatics
 Program of Study

Athletic Trainer
 Sequence

Medical Billing &
 Coding
 Sequence

Athletic Trainer I
 (1 Credit)
 9th–10th

Principals of Health Science
 (1 Credit)
 9th-10th

Athletic Trainer II
 (2 Credits)
 10th–12th

Medical Terminology
 (1 Credit)
 10th-12th

Athletic Trainer III
 (2 Credits)
 11th–12th

Business Information Management I
 (1 Credit)
 9th–12th

Athletic Trainer IV
 (2 Credits)
 12th

Health Informatics
 (1 Credit)
 11th–12th

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- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Hospitality & Tourism Cluster
Business and Industry Endorsement

**Culinary Arts
Program of Study**

Introduction to Culinary Arts
(1 Credit)
9th—10th

Culinary Arts
(2 Credits)
10th—12th

Advanced Culinary Arts
(2 Credits)
11th—12th

Practicum in Culinary Arts
(2 Credits)
12th

Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

**Human Services
Cluster**
Public Services Endorsement

Principles of Human Services
(1 Credit)
9th—12th

**Family & Community
Services
Program of Study**

Interpersonal Studies
(0.5 Credit)
10th—12th

Lifetime Nutrition
and Wellness
(0.5 Credits)

Practicum in
Architectural Design
(2 Credits)
11th-12th

**Cosmetology
Program of Study**

Introduction to
Cosmetology
(1 Credit)
11th

Cosmetology I
(2 Credits)
11th

Nail Care,
Enhancements, &
Spa Services
(2 Credits)
12th

Cosmetology II
(2 Credits)
12th

Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Information Technology Cluster
Business & Industry Endorsement
Also Satisfies STEM Endorsement

Principles of Information Technology
(1 Credit)
9th—10th

Networking Systems Program of Study

Computer Maintenance Sequence

Computer Science I
(1 Credit)
9th—12th

Computer Maintenance
(1 Credit)
10th—12th

Practicum in Information Technology
(2 Credits)
11th-12th

Computer Science Sequence

Computer Science I
(1 Credit)
9th—12th

AP Computer Science, Principals
(1 Credit)
10th—12th

Practicum in Information Technology
(2 Credits)
11th-12th

Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Law, Public Safety, Corrections & Security Cluster
Public Service Endorsement

Principles of Law, Public Safety,
 Corrections, & Security
 (1 Credit)
 9th—12th

**Law Enforcement
 Program of Study**

Criminal Investigation
 (1 Credit)
 10th—12th

Law Enforcement I
 (1 Credit)
 10th—12th

Law Enforcement II
 (1 Credit)
 10th-12th

Correctional Services
 (1 Credit)
 10th—12th

Forensic Science
 (1 Credit)
 10th—12th

Practicum in Law,
 Public Safety,
 Corrections & Security
 (2 Credits)
 11th-12th

**Legal Studies
 Program of Study**

Court Systems & Practices
 (1 Credit)
 10th-12th

Business Law
 (1 Credit)
 11th-12th

Practicum in Law,
 Public Safety,
 Corrections & Security
 (2 Credits)
 11th-12th

**Law Academy
 Program of Study**

Law Enforcement I
 (1 Credit)
 10th

Law Academy I
 (1 Credit)
 11th

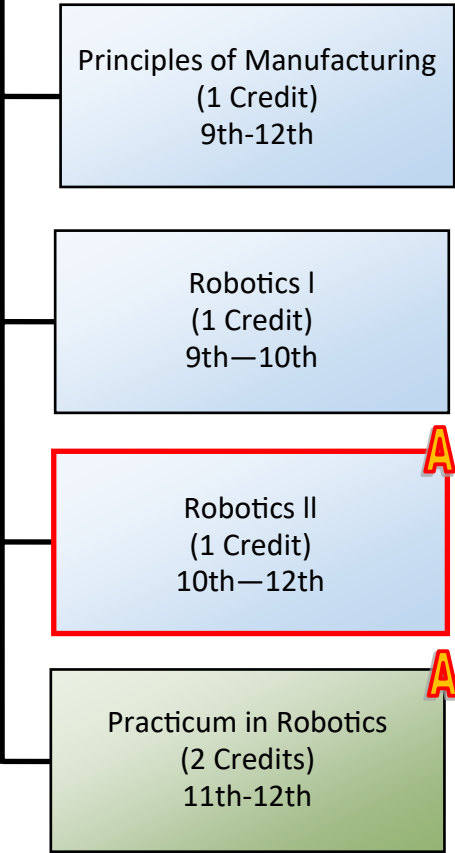
Law Academy II
 (1 Credit)
 12th

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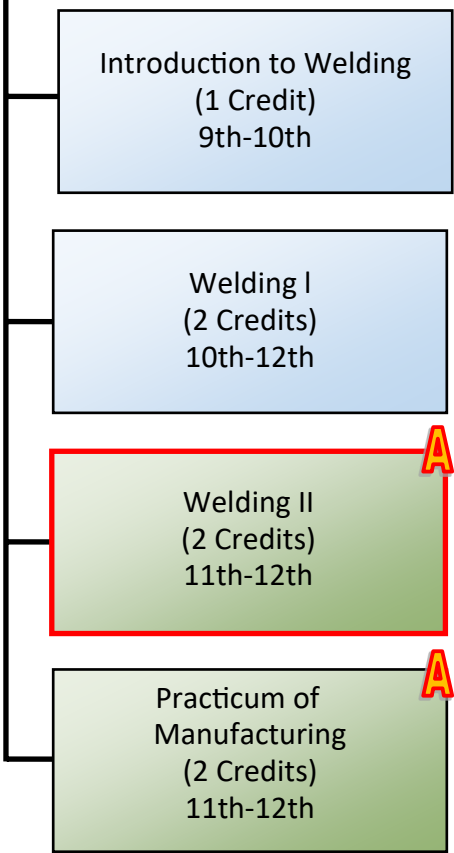
- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Manufacturing Cluster
Business & Industry Endorsement

Advanced Manufacturing and Machinery Mechanics Program of Study
Also Satisfies STEM Endorsement



Welding Program of Study



Students may earn the Business & Industry Endorsement by successfully completing 4 or more credits from any combination of pathways above and/or 1 or more of the following:

- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

STEM Cluster

STEM Endorsement

Engineering Program of Study Also Satisfies B&I Endorsement

Principles of Applied Engineering
(1 Credit)
9th-10th

Engineering Design &
Presentation I
(1 Credit)
10th-12th

Engineering Design &
Presentation II
(2 Credits)
11th-12th

Aerospace I
(1 Credit)
11th

Aerospace II
(1 Credit)
12th

Practicum in STEM
(2 Credits)
11th-12th

Programming & Software Development Program of Study Also Satisfies B&I Endorsement

AP Computer Science Principals
(1 Credit)
10th—12th

Computer Science I
(1 Credit)
9th—12th

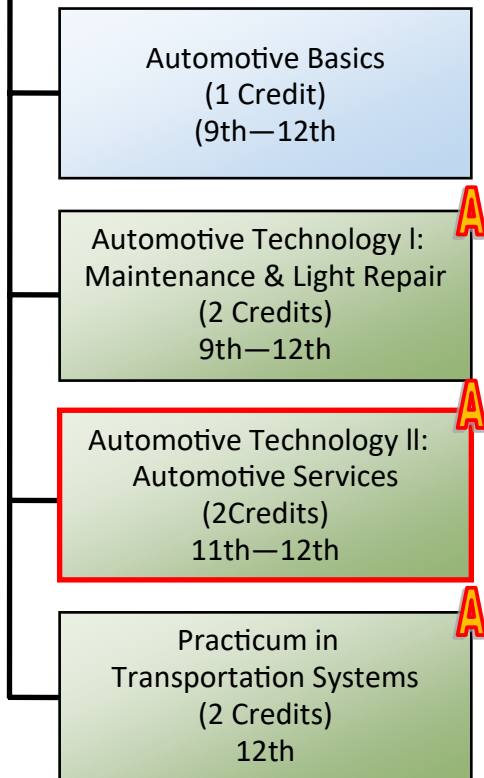
Practicum in
Information Technology
(2 Credits)
11th-12th

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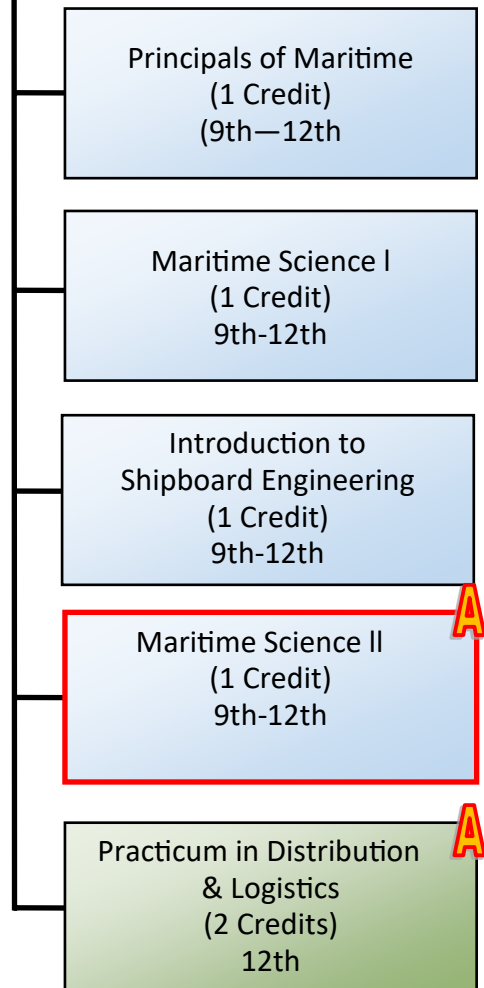
- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

Transportation, Distribution, & Logistics Cluster
Business & Industry Endorsement

Automotive Technology Program of Study



Maritime Program of Study



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- Touch System Data Entry (0.5 credit)
- Global Business (0.5 credit)
- Business Information Management I (1 credit)
- Professional Communication (0.5 credit)

It is the policy of Galena Park Independent School District to comply fully with the nondiscrimination provisions of all Federal and State laws and regulations by assuring that no person shall be discriminated against on the basis of sex, disability, race, color, age or national origin in its educational and vocational programs, activities, or employment as required by Title IX, Title VI, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act. This notice is provided as required by Title II of the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. Questions, complaints, or requests for additional information regarding the ADA and Section 504 may be forwarded to the designated ADA and Section 504 compliance coordinator.

El Distrito de Galena Park cumple plenamente con las provisiones de leyes y regulaciones federales y estatales de no discrimina asegurando que no discrimina ni por sexo, incapacidad, raza, color, edad ni origen nacional en sus programas educacionales y vocacionales, actividades, ni empleo como requerido por Título IX, Título VI y la Sección 504 de la Acta de Rehabilitación y la Acta de Americanos Incapacitados (ADA). Esta noticia se provee según el Título II de la Acta de Americanos Incapacitados (ADA) de 1990 y la Sección 504 de la Acta de Rehabilitación de 1973. Preguntas, quejas o información acerca de ADA o la sección 504 pueden hacer al/la coordinador/a del distrito.