



Within the requirements of the 26 credits to earn an endorsement, a student must complete one of the concentration options below to meet the Business and Industry endorsement criteria.  
(a fourth credit in mathematics, a fourth credit in science, one of the concentration options below)

## A English

Four English elective credits by selecting courses to include three levels in one of the following areas:

- Advanced Journalism: Newspaper
- Advanced Journalism: Yearbook
- Debate

## B Technology Applications

Four technology applications credits by selecting from the following:

- Digital Design and Media Production
- Digital Video and Audio Design
- Web Design
- Web Game Development

A coherent sequence of courses for four or more credits in CTE that includes

- At least two courses in the same CTE career cluster from **Table 1**, and
- At least one **advanced** CTE course from Table 1 (designated with **A**), and
- The final course from one of the CTE career clusters listed in **Table 2**

*Note: Select a sequence of CTE courses that total 4 or more credits and meet the criteria above. The total number of courses is not a factor.*

**Table 1**

<b>Agriculture, Food and Natural Resources</b>	
Principles of Agriculture, Food, and Natural Res. 9-10	1
Livestock Production <b>A</b> 9-12	1
Small Animal Management 9-10	.5
Equine Science 11-12	.5
Veterinary Medical Applications <b>A</b> 11-12	1
Professional Standards in Agribusiness 9-12	.5
Wildlife, Fisheries, & Ecology Management 9-12	1
<b>Floral Design</b> <b>A</b> 11-12	1
Advanced Floral Design <b>A</b> 12	1
Landscape Design & Management 9-12	.5
Turf Grass Management 9-12	.5
Horticulture Science <b>A</b> 9-12	1
Agricultural Mechanics & Metal Technologies 11-12	1
Agricultural Structures Design and Fabrication <b>A</b> 12	2
Practicum in Agriculture, Food & Natural Resources <b>A</b> 12	2
<b>Architecture and Construction</b>	
Interior Design I 11-12	1
Architectural Design I 11-12	1
Architectural Design II <b>A</b> 12	2
<b>Arts, A/V Technology and Communications</b>	
Audio Video Production I 11-12	1
Audio Video Production II and Lab <b>A</b> 12	2
Principles of Arts, A/V Technology and Communications 9-10	1
Graphic Design & Illustration I 11-12	1
Graphic Design & Illustration I and Lab 11-12	2
Graphic Design & Illustration II and Lab <b>A</b> 12	2
Fashion Design I 11-12	1
Fashion Design II and Lab <b>A</b> 12	2
Professional Communications 9-12	.5
Video Game Design 9-12	1
Digital Media 9-12	1
<b>Business, Marketing and Finance</b>	
Principles of Business, Marketing & Finance 9-11	1
Touch System Data Entry 9-12	.5
Business Information Management I 9-12	1
Business Law 11-12	1
Global Business <b>A</b> 11-12	.5
Virtual Business 9-12	.5
Fashion Marketing 11-12	.5
Entrepreneurship 11-12	1
Social Media Marketing <b>A</b> 11-12	.5
Sports & Entertainment Marketing 11-12	.5
Practicum in Marketing with Extended Practicum in Marketing <b>A</b> 11-12	3
Accounting I 11-12	1
<b>Accounting II Honors</b> <b>A</b> 12	1

<b>Health Science</b>	
Principles of Health Science 9-10	1
Medical Terminology 9-12	1
Pharmacology <b>A</b> 12	1
World Health Research <b>A</b> 11-12	1
<b>Anatomy &amp; Physiology</b> <b>A</b> 11-12	1
<b>Hospitality and Tourism</b>	
Principles of Hospitality & Tourism 9-10	1
Introduction to Culinary Arts 10-12	1
Culinary Arts 11-12	2
Practicum in Culinary Arts <b>A</b> 12	2
<b>Food Science</b> <b>A</b> 11-12	1
<b>Human Services</b>	
Principles of Human Services 9-12	1
Dollars and Sense 10-12	.5
Family and Community Services <b>A</b> 11-12	1
Interpersonal Studies 11-12	.5
Lifetime Nutrition & Wellness 10-12	.5
Child Development 10-12	1
<b>Information Technology</b>	
Principles of Information Technology 9-12	1
Internetworking Technologies I-Cisco 11-12	1
Internetworking Technologies II-Cisco <b>A</b> 12	1
<b>Science, Technology, Engineering &amp; Mathematics</b>	
Engineering Design & Presentation I <b>A</b> 11-12	1
Gateway to Technology PLTW 8 (high school elective credit)	.5
Introduction to Engineering Design PLTW 9-10	1
<b>Engineering Science</b> PLTW <b>A</b> 10-12	1
Aerospace Engineering PLTW <b>A</b> 11-12	1
<b>Digital Electronics</b> PLTW <b>A</b> 11-12	1
Engineering Design & Development PLTW <b>A</b> 12	1
<b>Engineering Design &amp; Problem Solving</b> <b>A</b> 12	1
<b>Transportation, Distribution, and Logistics</b>	
Automotive Technology I: Maintenance & Light Repair <b>A</b> 11-12	2
Automotive Technology II: Automotive Service <b>A</b> 12	2
Collision Repair 11-12	2
Paint and Refinishing <b>A</b> 12	2

**A** - Advanced   Science Credit   Fine Arts Credit   Math Credit

**Table 2**

<b>Agriculture, Food and Natural Resources</b>		<b>Hospitality and Tourism</b>	
Principles of Agriculture, Food, and Natural Res. 9-10	1	Principles of Hospitality & Tourism 9-10	1
Livestock Production <b>A</b> 9-12	1	Introduction to Culinary Arts 10-12	1
Small Animal Management 9-10	.5	Culinary Arts 11-12	2
Equine Science 11-12	.5	Practicum in Culinary Arts <b>A</b> 12	2
Veterinary Medical Applications <b>A</b> 11-12	1	<b>Food Science</b> <b>A</b> 11-12	1
Professional Standards in Agribusiness 9-12	.5		
Wildlife, Fisheries, & Ecology Management 9-12	1	<b>Information Technology</b>	
<b>Floral Design</b> <b>A</b> 11-12	1	Principles of Information Technology 9-12	1
Advanced Floral Design <b>A</b> 12	1	Internetworking Technologies I-Cisco 11-12	1
Landscape Design & Management 9-12	.5	Internetworking Technologies II-Cisco <b>A</b> 12	1
Turf Grass Management 9-12	.5	<b>Transportation, Distribution, &amp; Logistics</b>	
Horticulture Science <b>A</b> 9-12	1	Automotive Technology I: Maintenance & Light Repair <b>A</b> 11-12	2
Agricultural Mechanics & Metal Technologies 11-12	1	Automotive Technology II: Automotive Service <b>A</b> 12	2
Agricultural Structures Design and Fabrication <b>A</b> 12	2	Collision Repair 11-12	2
Practicum in Agriculture, Food & Natural Resources <b>A</b> 12	2	Paint and Refinishing <b>A</b> 12	2
<b>Architecture and Construction</b>			
Interior Design I 11-12	1	<b>Career Preparation I or II with Extended Career</b>	3
Architectural Design I 11-12	1	Preparation <b>A</b> 11-12 (if the course addresses a career from a field listed among the career clusters in this table)	
Architectural Design II <b>A</b> 12	2		
<b>Arts, A/V Technology and Communications</b>		<b>Project-Based Research</b> <b>A</b> 11-12 (if the course addresses a career from a field listed among the career clusters in this table)	1
Audio Video Production I 11-12	1		
Audio Video Production II and Lab <b>A</b> 12	2		
Principles of Arts, A/V Technology and Communications 9-10	1		
Graphic Design & Illustration I 11-12	1		
Graphic Design & Illustration I and Lab 11-12	2		
Graphic Design & Illustration II and Lab <b>A</b> 12	2		
Fashion Design I 11-12	1		
Fashion Design II and Lab <b>A</b> 12	2		
Professional Communications 9-12	.5		
Video Game Design 9-12	1		
Digital Media 9-12	1		
<b>Business, Marketing and Finance</b>			
Principles of Business, Marketing & Finance 9-11	1		
Touch System Data Entry 9-12	.5		
Business Information Management I 9-12	1		
Business Law 11-12	1		
Global Business <b>A</b> 11-12	.5		
Virtual Business 9-12	.5		
Fashion Marketing 11-12	.5		
Entrepreneurship 11-12	1		
Social Media Marketing <b>A</b> 11-12	.5		
Sports & Entertainment Marketing 11-12	.5		
Practicum in Marketing	3		
with Extended practicum in Marketing <b>A</b> 11-12			
Accounting I 11-12	1		
Accounting II Honors <b>A</b> 12	1		

**A** - Advanced **Science Credit** **Fine Arts Credit** **Math Credit**

**D****Combination**

A coherent sequence of four credits from two or more concentrations above.

*It is the policy of Plano ISD not to discriminate on the basis of race, color, national origin, gender, or handicap in its programs, services, or activities, including vocational programs. Lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. Plano ISD will take steps to ensure cost will not prevent access to programs.*

*All courses may not be offered on every campus. Check with campus counseling department for more information.*