



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 (designed 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>		<b>Hospitality &amp; Tourism</b>	
Principles of Agriculture, Food, and Natural Res. 9-10	1	Principles of Hospitality & Tourism 9-10	1
Livestock Production 9-12	1	Introduction to Culinary Arts 10-12	1
Small Animal Management 9-10	.5	Culinary Arts <b>A</b> 11-12	2
Equine Science <b>A</b> 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>Human Services</b>	
<b>Floral Design</b> 11-12	1	Principles of Human Services 9-12	1
Floral Design II (Advanced Floral Design) <b>A</b> 12	1	Dollars and Sense 10-12	.5
Landscape Design & Management 9-12	.5	Interpersonal Studies <b>A</b> 11-12	.5
Horticulture Science 9-12	1	Lifetime Nutrition & Wellness <b>A</b> 10-12	.5
Agricultural Mechanics & Metal Technologies <b>A</b> 11-12	1	Child Development <b>A</b> 11-12	1
Practicum in Agriculture: Vet Med Assistant <b>A</b> 12	2		
Practicum in Agriculture: Floral Design <b>A</b> 12	2	<b>Information Technology</b>	
		Principles of Information Technology 9-12	1
<b>Architecture &amp; Construction</b>		Digital Media 9-12	1
Interior Design I 11-12	1	Internetworking Technologies I-Cisco <b>A</b> 11-12	1
Architectural Design I <b>A</b> 11-12	1	Internetworking Technologies II-Cisco <b>A</b> 12	1
Architectural Design II <b>A</b> 12	2		
		<b>Manufacturing</b>	
<b>Arts, A/V Technology &amp; Communication</b>		Welding I <b>A</b> 12	2
Audio Video Production I 11-12	1		
Audio Video Production II and Lab <b>A</b> 12	2	<b>Marketing, Sales &amp; Services</b>	
Digital Design & Media Production 9-12	1	Principles of Business, Marketing & Finance 9-11	1
Graphic Design & Illustration I 11-12	1	Fashion Marketing 11-12	.5
Graphic Design & Illustration I and Lab 11-12	2	Entrepreneurship <b>A</b> 11-12	1
Graphic Design & Illustration II and Lab <b>A</b> 12	2	Social Media Marketing 11-12	.5
Fashion Design I 11-12	1	Sports & Entertainment Marketing 11-12	.5
Fashion Design II and Lab <b>A</b> 12	2	Practicum in Marketing with Extended Practicum in Marketing <b>A</b> 11-12	3
Professional Communications 9-12	.5		
Video Game Design <b>A</b> 9-12	1	<b>Science, Technology, Engineering &amp; Mathematics</b>	
Web Design <b>A</b> 9-12	1	Engineering Design & Presentation I <b>A</b> 11-12	1
		Gateway to Technology PLTW 8 (high school elective credit)	.5
<b>Business Management &amp; Administration</b>		Introduction to Engineering Design PLTW 9-10	1
Principles of Business, Marketing & Finance 9-11	1	<b>Engineering Science</b> PLTW <b>A</b> 10-12	1
Touch System Data Entry 9-12	.5	Aerospace Engineering PLTW <b>A</b> 11-12	1
Business Information Management I 9-12	1	<b>Digital Electronics</b> PLTW <b>A</b> 11-12	1
Business Law <b>A</b> 11-12	1	Engineering Design & Development PLTW <b>A</b> 12	1
Global Business <b>A</b> 11-12	.5	<b>Engineering Design &amp; Problem Solving</b> <b>A</b> 12	1
Virtual Business <b>A</b> 9-12	.5		
		<b>Transportation, Distribution, &amp; Logistics</b>	
<b>Finance</b>		Automotive Technology I: Maintenance and Light Repair 11-12	2
Principles of Business, Marketing & Finance 9-11	1	Automotive Technology II: Automotive Service <b>A</b> 12	2
Accounting I <b>A</b> 11-12	1	Collision Repair 11-12	2
<b>Accounting II</b> <sup>1</sup> <b>A</b> 12	1	Paint and Refinishing <b>A</b> 12	2
<b>Health Science</b>			
Principles of Health Science 10-12	1		
Medical Terminology <b>A</b> 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		

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

**Meets Health Graduation Requirements**

<sup>1</sup> Math credit beginning 2017-2018 with SBOE approval

**Table 2**

<b>Agriculture, Food, and Natural Resources</b>			
Principles of Agriculture, Food, and Natural Res. 9-10	1		
Livestock Production 9-12	1		
Small Animal Management 9-10	.5		
Equine Science <b>A</b> 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		
Floral Design 11-12	1		
Floral Design II (Advanced Floral Design) <b>A</b> 12	1		
Landscape Design & Management 9-12	.5		
Horticulture Science 9-12	1		
Agricultural Mechanics & Metal Technologies <b>A</b> 11-12	1		
Practicum in Agriculture: Vet Med Assistant <b>A</b> 12	2		
Practicum in Agriculture: Floral Design <b>A</b> 12	2		
<b>Architecture &amp; Construction</b>			
Interior Design I 11-12	1		
Architectural Design I <b>A</b> 11-12	1		
Architectural Design II <b>A</b> 12	2		
<b>Arts, A/V Technology &amp; Communication</b>			
Audio Video Production I 11-12	1		
Audio Video Production II and Lab <b>A</b> 12	2		
Digital Design & Media Production 9-12	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 <b>A</b> 9-12	1		
Web Design <b>A</b> 9-12	1		
<b>Business Management &amp; Administration</b>			
Principles of Business, Marketing & Finance 9-11	1		
Touch System Data Entry (Keyboarding) 9-12	.5		
Business Information Management I 9-12	1		
Business Law <b>A</b> 11-12	1		
Global Business <b>A</b> 11-12	.5		
Virtual Business <b>A</b> 9-12	.5		
<b>Finance</b>			
Principles of Business, Marketing & Finance 9-11	1		
Accounting I <b>A</b> 11-12	1		
Accounting II <sup>1</sup> <b>A</b> 12	1		
<b>Hospitality &amp; Tourism</b>			
Principles of Hospitality & Tourism 9-10	1		
Introduction to Culinary Arts 10-12	1		
Culinary Arts <b>A</b> 11-12	2		
Practicum in Culinary Arts <b>A</b> 12	2		
Food Science <b>A</b> 11-12	1		
<b>Information Technology</b>			
Principles of Information Technology 9-12	1		
Digital Media 9-12	1		
<b>Manufacturing</b>			
Welding I <b>A</b> 12	2		
<b>Marketing, Sales &amp; Services</b>			
Principles of Business, Marketing & Finance 9-11	1		
Fashion Marketing 11-12	.5		
Entrepreneurship <b>A</b> 11-12	1		
Social Media Marketing 11-12	.5		
Sports & Entertainment Marketing 11-12	.5		
Practicum in Marketing	3		
with Extended practicum in Marketing <b>A</b> 11-12			
<b>Transportation, Distribution, &amp; Logistics</b>			
Automotive Technology I: Maintenance & Light Repair 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		
<b>Career Preparation I or II with Extended Career</b>			3
Preparation <b>A</b> 11-12 (if the course addresses a career from a field listed among the career clusters in this table)			
<b>Project-Based Research <b>A</b> 11-12 (if the course addresses a career from a field listed among the career clusters in this table)</b>			1
<b>A - Advanced</b>			
	<b>Science Credit</b>	<b>Fine Arts Credit</b>	<b>Math Credit</b>
	<sup>1</sup> Math credit beginning 2017-2018 with SBOE approval		

**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.*