



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

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

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

Meets Health Graduation Requirements

¹ Math credit beginning 2017-2018 with SBOE approval

Table 2

Agriculture, Food, and Natural Resources		Hospitality & Tourism	
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 A 11-12	2
Equine Science A 11-12	.5	Practicum in Culinary Arts A 12	2
Veterinary Medical Applications A 11-12	1	Food Science A 11-12	1
Professional Standards in Agribusiness 9-12	.5		
Wildlife, Fisheries, & Ecology Management 9-12	1	Information Technology	
Floral Design 11-12	1	Principles of Information Technology 9-12	1
Floral Design II (Advanced Floral Design) A 12	1	Digital Media 9-12	1
Landscape Design & Management 9-12	.5		
Turf Grass Management 9-12	.5	Manufacturing	
Horticulture Science 9-12	1	Welding I A 12	2
Agricultural Mechanics & Metal Technologies A 11-12	1		
Practicum in Agriculture: Vet Med Assistant A 12	2	Marketing, Sales & Services	
Practicum in Agriculture: Floral Design A 12	2	Principles of Business, Marketing & Finance 9-11	1
		Fashion Marketing 11-12	.5
		Entrepreneurship A 11-12	1
		Social Media Marketing 11-12	.5
		Sports & Entertainment Marketing 11-12	.5
		Practicum in Marketing	3
		with Extended practicum in Marketing A 11-12	
		Transportation, Distribution, & Logistics	
		Automotive Technology I: Maintenance & Light Repair 11-12	2
		Automotive Technology II: Automotive Service A 12	2
		Collision Repair 11-12	2
		Paint and Refinishing A 12	2
		Career Preparation I or II with Extended Career	3
		Preparation A 11-12 (if the course addresses a career from a field listed among the career clusters in this table)	
		Project-Based Research A 11-12 (if the course addresses a career from a field listed among the career clusters in this table)	1
Architecture & Construction			
Interior Design I 11-12	1		
Architectural Design I A 11-12	1		
Architectural Design II A 12	2		
Arts, A/V Technology & Communication			
Audio Video Production I 11-12	1		
Audio Video Production II and Lab A 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 A 12	2		
Fashion Design I 11-12	1		
Fashion Design II and Lab A 12	2		
Professional Communications 9-12	.5		
Video Game Design A 9-12	1		
Web Design A 9-12	1		
Business Management & Administration			
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 A 11-12	1		
Global Business A 11-12	.5		
Virtual Business A 9-12	.5		
Finance			
Principles of Business, Marketing & Finance 9-11	1		
Accounting I A 11-12	1		
Accounting II ¹ A 12	1		

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

¹ 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.