

# Multidisciplinary



Within the requirements of the 26 credits to earn an endorsement, a student must complete one of the concentration options below to meet the multidisciplinary studies endorsement criteria.

(a fourth credit in mathematics, a fourth credit in science, one of the concentration options below)

## A

### Workforce (CTE)

Four **advanced** courses (designated with **A**) that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence.

*NOTE: Advanced CTE courses may be combined with advanced courses from other endorsement areas.*

<b>Agriculture, Food, and Natural Resources</b>		<b>Human Services</b>	
Equine Science <b>A</b> 11-12	.5	Interpersonal Studies <b>A</b> 11-12	.5
Veterinary Medical Applications <b>A</b> 11-12	1	Lifetime Nutrition and 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
Floral Design II (Advanced Floral Design) <b>A</b> 12	1	<b>Information Technology</b>	
Practicum in Agriculture: Vet Med Assistant <b>A</b> 12	2	Internetworking Technologies I-Cisco <b>A</b> 11-12	1
Practicum in Agriculture: Floral Design <b>A</b> 12	2	Internetworking Technologies II-Cisco <b>A</b> 12	1
<b>Architecture and Construction</b>		<b>Manufacturing</b>	
Architectural Design I <b>A</b> 11-12	1	Welding I <b>A</b> 12	2
Architectural Design II <b>A</b> 12	2	<b>Marketing, Sales, &amp; Service</b>	
<b>Arts, A/V Technology, &amp; Communications</b>		Entrepreneurship <b>A</b> 11-12	1
Audio Video Production II and Lab <b>A</b> 12	2	Practicum in Marketing with Extended Practicum in Marketing <b>A</b> 12	3
Graphic Design & Illustration II and Lab <b>A</b> 12	2	<b>Law, Public Safety, Corrections, and Security</b>	
Fashion Design II and Lab <b>A</b> 12	2	Law Enforcement II <b>A</b> 12	1
Video Game Design <b>A</b> 9-12	1	Forensic Science <b>A</b> 11-12	1
Web Design <b>A</b> 9-12	1	<b>Science, Technology, Engineering &amp; Mathematics</b>	
<b>Business Management and Administration</b>		Engineering Design & Presentation I <b>A</b> 11-12	1
Business Law <b>A</b> 11-12	1	Engineering Science PLTW <b>A</b> 10-12	1
Global Business <b>A</b> 11-12	.5	Aerospace Engineering PLTW <b>A</b> 11-12	1
Virtual Business <b>A</b> 9-12	.5	Digital Electronics PLTW <b>A</b> 11-12	1
<b>Education and Training</b>		Engineering Design & Development PLTW <b>A</b> 12	1
Instructional Practices <b>A</b> 11-12	2	Honors Scientific Research & Design <b>A</b> 10-12	1
Practicum in Education and Training <b>A</b> 12	2	Honors Scientific Research & Design II <b>A</b> 11-12	1
<b>Finance</b>		Honors Scientific Research & Design III <b>A</b> 11-12	1
Accounting I <b>A</b> 11-12	1	Engineering Design & Problem Solving <b>A</b> 12	1
Accounting II <b>A</b> 12	1	<b>Transportation, Distribution, &amp; Logistics</b>	
<b>Health Science</b>		Automotive Technology II: Automotive Service <b>A</b> 12	2
Medical Terminology <b>A</b> 9-12	1	Paint and Refinishing <b>A</b> 12	2
Pharmacology <b>A</b> 12	1	<b>Career Preparation I or II <b>A</b> 11-12 with Extended Career Prep</b> (if the course addresses a career from a field listed among the career clusters in this table)	
World Health Research <b>A</b> 11-12	1	3	
Health Science Theory and Clinical <b>A</b> 11-12	2	<b>Project-Based Research <b>A</b> 11-12</b> (if the course addresses a career from a field listed among the career clusters in this table)	
Practicum in Health Science <b>A</b> 12	2	1	
Anatomy and Physiology <b>A</b> 11-12	1		
<b>Hospitality and Tourism</b>			
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		

**A** - Advanced

Science Credit

Math Credit

**B****Foundation Subjects**

Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics.

**C****Advanced Placement or International Baccalaureate**

Four credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.

*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.*