

# 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>	
Equine Science <b>A</b> 11-12	.5
Veterinary Medical Applications <b>A</b> 11-12	1
Agricultural Mechanics & Metal Technologies <b>A</b> 11-12	1
Floral Design II (Advanced Floral Design) <b>A</b> 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 and Construction</b>	
Architectural Design I <b>A</b> 11-12	1
Architectural Design II <b>A</b> 12	2
<b>Arts, A/V Technology, &amp; Communications</b>	
Audio Video Production II and Lab <b>A</b> 12	2
Graphic Design & Illustration II and Lab <b>A</b> 12	2
Fashion Design II and Lab <b>A</b> 12	2
Video Game Design <b>A</b> 9-12	1
Web Design <b>A</b> 9-12	1
<b>Business Management and Administration</b>	
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>Education and Training</b>	
Instructional Practices <b>A</b> 11-12	2
Practicum in Education and Training <b>A</b> 12	2
<b>Finance</b>	
Accounting I <b>A</b> 11-12	1
Accounting II <b>A</b> 12	1
<b>Health Science</b>	
Medical Terminology <b>A</b> 9-12	1
Pharmacology <b>A</b> 12	1
World Health Research <b>A</b> 11-12	1
Health Science Theory <b>A</b> 10-11	1
Practicum in Health Science I <b>A</b> 11-12	2
Practicum in Health Science II <b>A</b> 12	2
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

<b>Human Services</b>	
Interpersonal Studies <b>A</b> 11-12	.5
Lifetime Nutrition and Wellness <b>A</b> 10-12	.5
Child Development <b>A</b> 11-12	1
<b>Information Technology</b>	
Internetworking Technologies I-Cisco <b>A</b> 11-12	1
Internetworking Technologies II-Cisco <b>A</b> 12	1
<b>Manufacturing</b>	
Welding I <b>A</b> 12	2
<b>Marketing, Sales, &amp; Service</b>	
Entrepreneurship <b>A</b> 11-12	1
Practicum in Marketing with Extended Practicum in Marketing <b>A</b> 12	3
<b>Law, Public Safety, Corrections, and Security</b>	
Law Enforcement II <b>A</b> 12	1
Forensic Science <b>A</b> 11-12	1
<b>Science, Technology, Engineering &amp; Mathematics</b>	
Engineering Design & Presentation I <b>A</b> 11-12	1
Engineering Science PLTW <b>A</b> 10-12	1
Aerospace Engineering PLTW <b>A</b> 11-12	1
Digital Electronics PLTW <b>A</b> 11-12	1
Engineering Design & Development PLTW <b>A</b> 12	1
Honors Scientific Research & Design <b>A</b> 10-12	1
Honors Scientific Research & Design II <b>A</b> 11-12	1
Honors Scientific Research & Design III <b>A</b> 11-12	1
Engineering Design & Problem Solving <b>A</b> 12	1
<b>Transportation, Distribution, &amp; Logistics</b>	
Automotive Technology II: Automotive Service <b>A</b> 12	2
Paint and Refinishing <b>A</b> 12	2
Career Preparation I or II <b>A</b> 11-12 with Extended Career Prep (if the course addresses a career from a field listed among the career clusters in this table)	3
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)	1

**A** - Advanced    Science Credit    Math Credit

Meets Health Graduation Requirements

**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.*