

# Business and Industry Endorsement

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) CTE Concentration

A coherent sequence of courses for four or more credits in CTE \*(see CTE specific page for course detail)

Or

## B) English Concentration

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

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

Or

## C) Technology Applications Concentration

Four technology applications credits by selecting from the following:

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

Or

## D) Combined Concentration

Four credits from two or more concentrations above in a coherent sequence

## CTE Path: Business & Industry Endorsement Course Choices

Within the requirement of the 26 credits to earn an endorsement, a student must complete the following. A coherent sequence of four or more credits in CTE that includes:

- at least two courses in the same CTE career cluster from **BOX 1**; and
  - at least one advanced CTE course from **BOX 1**; (designated with “A”); and
  - the final course in the sequence must be obtained from one of the CTE career clusters listed in **BOX 2**
- Note: Select a sequence of courses that total 4 (or more) credits and meet the criteria above. The total number of courses is not a factor.*

### BOX 1

<p><u>Agriculture, Food &amp; Natural Resources</u> Principles of Agriculture, Food, &amp; Natural Res. (.5) 9-10 Livestock Production (.5) 9-12 Small Animal Management (.5) 9-10 Small Animal Management (1) 9-10 Equine Science A (.5) 11-12 Veterinary Medical Applications A (1) 11-12 Professional Standards in Agribusiness (.5) 9-12 Wildlife, Fisheries &amp; Ecology Management (.5) 9-12 Principles &amp; Elements of Floral Design (1) 11-12 (fine arts credit) Landscape Design &amp; Turf Grass Management (.5) 9-12 Horticulture Science (.5) 9-12 Agricultural Mechanics &amp; Metal Technologies A (.5) 11-12 Practicum in Agriculture: Vet Med Assistant A (2) (12) Practicum in Agriculture, Floral Design A (2) (12)</p> <p><u>Architecture &amp; Construction</u> Interior Design (.5) 11-12 Architectural Design A (1) 11-12 Advanced Architectural Design A (2) 11-12</p> <p><u>Arts, A/V Technology &amp; Communications</u> Audio Video Production (1) 11-12 Advanced Audio Video Production A (2) 11-12 Digital Design &amp; Media Production (1) 9-12 Graphic Design &amp; Illustration (1) 11-12 Graphic Design &amp; Illustration (2) 11-12 Advanced Graphic Design &amp; Illustration A (2) 11-12 Fashion Design (1) 11-12 Advanced Fashion Design A (2) 11-12 Web Design A (1) 9-12</p> <p><u>Business Management &amp; Administration</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Touch System Data Entry (.5) 9-12 Business Information Management I (1) 9-12 Business Law A (.5) 11-12 Global Business A (.5) 11-12 Virtual Business A (.5) 9-12</p> <p><u>Finance</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Accounting I A (1) 11-12 Accounting II A (1) 12</p> <p><u>Health Science</u> Principles of Health Science (1) 10-12 Medical Terminology A (.5) 9-12 Health Science: Pharm Tech A (1) 12 World Health Research A (1) 11-12 Anatomy &amp; Physiology A (1) 11-12 (science credit)</p>	<p><u>Hospitality &amp; Tourism</u> Principles of Hospitality &amp; Tourism (.5) 9-10 Restaurant Management (.5) 10-12 Culinary Arts A (2) 11-12 Practicum in Culinary Arts A (2) 11-12 Food Science A (1) 11-12 (science credit)</p> <p><u>Human Services</u> Principles of Human Services (.5) 9-12 Dollars and Sense (.5) 10-12 Interpersonal Studies A (.5) 11-12 Lifetime Nutrition &amp; Wellness A (.5) 10-12 Child Development A (.5) 11-12 Career Preparation I A (3) 11-12 Career Preparation II A (3) 12</p> <p><u>Information Technology</u> Principles of Information Technology (.5) 9-12 Digital &amp; Interactive Media (1) 9-12 Internetworking Technologies I-Cisco A (1) 11-12 Internetworking Technologies II-Cisco A (1) 11-12 Video Game Design A (.5) 9-12</p> <p><u>Manufacturing</u> Welding A (2) 12</p> <p><u>Marketing, Sales &amp; Service</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Fashion Marketing (.5) 11-12 Entrepreneurship A (.5) 11-12 Sports and Entertainment Marketing (.5) 11-12 Marketing Dynamics A (3) 11-12 Practicum in Marketing Dynamics A (3) 12</p> <p><u>Science, Technology, Engineering &amp; Mathematics</u> Engineering Design &amp; Presentation A (1) 11-12 Gateway to Technology PLTW (.5) 8 (high school elective credit) Introduction to Engineering Design PLTW (1) 9-10 Principles of Engineering PLTW A (1) 10-12 (science credit) Aerospace Engineering PLTW A (1) 11-12 Engineering Design &amp; Development PLTW A (1) 12</p> <p><u>Transportation, Distribution &amp; Logistics</u> Automotive Technology (1) 11-12 Automotive Technology (2) 11-12 Advanced Automotive Technology A (2) 11-12 Collision Repair and Refinishing (2) 11-12 Advanced Collision Repair and Refinishing A (2) 11-12</p>
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**Courses may not be offered on all campuses. Check with campus counseling department for more information.**

## BOX 2

<p><u>Agriculture, Food &amp; Natural Resources</u> Principles of Agriculture, Food, &amp; Natural Res. (.5) 9-10 Livestock Production (.5) 9-12 Small Animal Management (.5) 9-10 Small Animal Management (1) 9-10 Equine Science A (.5) 11-12 Veterinary Medical Applications A (1) 11-12 Professional Standards in Agribusiness (.5) 9-12 Wildlife, Fisheries &amp; Ecology Management (.5) 9-12 Principles &amp; Elements of Floral Design (1) 11-12 (fine arts credit) Landscape Design &amp; Turf Grass Management (.5) 9-12 Horticulture Science (.5) 9-12 Agricultural Mechanics &amp; Metal Technologies A (.5) 11-12 Practicum in Agriculture: Vet Med Assistant A (2) (12) Practicum in Agriculture, Floral Design A (2) (12)</p> <p><u>Architecture &amp; Construction</u> Interior Design (.5) 11-12 Architectural Design A (1) 11-12 Advanced Architectural Design A (2) 11-12</p> <p><u>Arts, A/V Technology &amp; Communications</u> Audio Video Production (1) 11-12 Advanced Audio Video Production A (2) 11-12 Digital Design &amp; Media Production (1) 9-12 Graphic Design &amp; Illustration (1) 11-12 Graphic Design &amp; Illustration (2) 11-12 Advanced Graphic Design &amp; Illustration A (2) 11-12 Fashion Design (1) 11-12 Advanced Fashion Design A (2) 11-12 Web Design A (1) 9-12</p> <p><u>Business Management &amp; Administration</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Touch System Data Entry (Keyboarding) (.5) 9-12 Business Information Management I (1) 9-12 Business Law A (.5) 11-12 Global Business A (.5) 11-12 Virtual Business A (.5) 9-12</p> <p><u>Finance</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Accounting I A (1) 11-12 Accounting II A (1) 12</p>	<p><u>Hospitality &amp; Tourism</u> Principles of Hospitality &amp; Tourism (.5) 9-10 Restaurant Management (.5) 10-12 Culinary Arts A (2) 11-12 Practicum in Culinary Arts A (2) 11-12 Food Science A (1) 11-12 (science credit)</p> <p><u>Information Technology</u> Principles of Information Technology (.5) 9-12 Digital &amp; Interactive Media (1) 9-12 Internetworking Technologies I-Cisco A (1) 11-12 Internetworking Technologies II-Cisco A (1) 12 Video Game Design A (.5) 9-12</p> <p><u>Manufacturing</u> Welding A (2) 12</p> <p><u>Marketing, Sales &amp; Service</u> Principles of Business, Marketing &amp; Finance (.5) 9-11 Fashion Marketing (.5) 11-12 Entrepreneurship A (.5) 11-12 Sports and Entertainment Marketing (.5) 11-12 Marketing Dynamics A (3) 11-12 Practicum in Marketing Dynamics A (3) 12</p> <p><u>Transportation, Distribution &amp; Logistics</u> Automotive Technology (1) 11-12 Automotive Technology (2) 11-12 Advanced Automotive Technology A (2) 11-12 Collision Repair and Refinishing (2) 11-12 Advanced Collision Repair and Refinishing A (2) 11-12</p>
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