



## 2024-25 CTE Programs of Study

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Tennessee’s career and technical education (CTE) programs of study are meant to provide a relevant framework of industry-aligned, rigorous courses that progress a student in knowledge and skills year after year. They provide invaluable opportunities for students to experience a subject that they are passionate about and explore interests that lead to postsecondary learning and future career paths. These sequenced courses also reflect and support the three-credit elective focus requirement for graduation. Year 1 courses are encouraged to be taken by students in middle school or ninth grade; however, districts may make scheduling decisions that work best for their communities and students.

## Advanced Manufacturing

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Industrial Maintenance Technology</b>	Principles of Manufacturing (C13H05)	Introduction to Industrial Maintenance (C13H28)	Advanced Industrial Maintenance (C13H29) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology I (C13H30) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology II (C13H31)	Manufacturing Practicum <sup>2</sup> (C13H08) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology III (C13H32) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology IV (C13H33) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology V (C13H50) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology VI (C13H51) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology VII (C13H52) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology VIII (C13H53) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology IX (C13H54) -or- <b>Dual Enrollment</b> Industrial Maintenance Technology X (C13H55) -or- <b>WBL</b> Industrial Maintenance Technology Career Practicum <sup>1</sup> (C13H40)
<b>Machining Technology</b>	Principles of Manufacturing (C13H05)	Principles of Machining I (C13H09)	Principles of Machining II (C13H06) -or- <b>Dual Enrollment</b> Machining Technology I (C13H01) -or- <b>Dual Enrollment</b> Machining Technology II (C13H20)	Manufacturing Practicum <sup>2</sup> (C13H08) -or- <b>Dual Enrollment</b> Machining Technology III (C13H34) -or- <b>Dual Enrollment</b> Machining Technology IV (C13H35) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p><b>Dual Enrollment</b> Machining Technology V (C13H56) -or- <b>Dual Enrollment</b> Machining Technology VI (C13H57) -or- <b>Dual Enrollment</b> Machining Technology VII (C13H58) -or- <b>Dual Enrollment</b> Machining Technology VIII (C13H59) -or- <b>Dual Enrollment</b> Machining Technology IX (C13H60) -or- <b>Dual Enrollment</b> Machining Technology X (C13H61) -or- <b>WBL</b> Machining Technology Career Practicum <sup>1</sup> (C13H41)</p>
<b>Mechatronics</b>	Principles of Manufacturing (C13H05)	Digital Electronics (C13H07)	<p>Mechatronics I (C13H16) -or- Robotics &amp; Automated Systems (C13H15) -or- <b>Dual Enrollment</b> Mechatronics I (C13H04) -or- <b>Dual Enrollment</b> Mechatronics II (C13H21)</p>	<p>Mechatronics II (C13H17) -or- Manufacturing Practicum <sup>2</sup> (C13H08) -or- <b>Dual Enrollment</b> Mechatronics III (C13H36) -or- <b>Dual Enrollment</b> Mechatronics IV (C13H37) -or- <b>Dual Enrollment</b> Mechatronics V (C13H62) -or- <b>Dual Enrollment</b> Mechatronics VI (C13H63) -or- <b>Dual Enrollment</b> Mechatronics VII (C13H64) -or- <b>Dual Enrollment</b> Mechatronics VIII (C13H65) -or- <b>Dual Enrollment</b> Mechatronics IX (C13H66)</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				-or- <b>Dual Enrollment</b> Mechatronics X (C13H67) -or- <b>WBL</b> Mechatronics Career Practicum <sup>1</sup> (C13H42)
<b>Welding</b>	Principles of Manufacturing (C13H05)	Welding I (C13H12)	Welding II (C13H10) -or- <b>Dual Enrollment</b> Welding I (C13H03) -or- <b>Dual Enrollment</b> Welding II (C13H18)	Manufacturing Practicum <sup>2</sup> (C13H08) -or- <b>Dual Enrollment</b> Welding III (C13H38) -or- <b>Dual Enrollment</b> Welding IV (C13H39) -or- <b>Dual Enrollment</b> Welding V (C13H44) -or- <b>Dual Enrollment</b> Welding VI (C13H45) -or- <b>Dual Enrollment</b> Welding VII (C13H46) -or- <b>Dual Enrollment</b> Welding VIII (C13H47) -or- <b>Dual Enrollment</b> Welding IX (C13H48) -or- <b>Dual Enrollment</b> Welding X (C13H49) -or- <b>WBL</b> Welding Career Practicum <sup>1</sup> (C13H43)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

<sup>2</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Agriculture, Food, & Natural Resources

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Agribusiness</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Principles of Farm and Agribusiness Management <sup>3</sup> (C18H41) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Organizational Leadership & Communications (C18H18) -or- Capstone Supervised Agricultural Experience (C18H57) -or- <b>Dual Enrollment</b> Agribusiness I (C18H03) -or- <b>Dual Enrollment</b> Agribusiness II (C18H32)	Agricultural Business & Finance <sup>4&amp;5</sup> (C18H11) -or- <b>Dual Enrollment</b> Agribusiness III (C18H43) -or- <b>Dual Enrollment</b> Agribusiness IV (C18H44) -or- <b>Dual Enrollment</b> Agribusiness V (C18H67) -or- <b>Dual Enrollment</b> Agribusiness VI (C18H68) -or- <b>Dual Enrollment</b> Agribusiness VII (C18H69) -or- <b>Dual Enrollment</b> Agribusiness VIII (C18H70) -or- <b>Dual Enrollment</b> Agribusiness IX (C18H71) -or- <b>Dual Enrollment</b> Agribusiness X (C18H72) -or- <b>SDC</b> Introduction to Agriculture Business <sup>5</sup> (C18H10) -or- <b>WBL</b> Agribusiness Career Practicum <sup>6</sup> (C18H61)
<b>Agricultural Engineering, Industrial, and Mechanical Systems</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Principles of Agricultural Mechanics (C18H12) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Agricultural Power & Equipment (C18H13) -or- Capstone Supervised Agricultural Experience (C18H57) -or- <b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems I (C18H45) -or-	Agricultural Fabrication and Biosystems Engineering <sup>3</sup> (C18H42) -or- Unmanned Aircraft Systems in Agriculture (C18H40) -or- <b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems III (C18H47) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems II (C18H46)</p> <p>-or-</p>	<p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems IV (C18H48)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems V (C18H73)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems VI (C18H74)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems VII (C18H75)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems VIII (C18H76)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems IX (C18H77)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Agricultural Engineering, Industrial, and Mechanical Systems X (C18H78)</p> <p>-or-</p> <p><b>WBL</b> Agricultural Engineering, Industrial, and Mechanical Systems Career Practicum <sup>6</sup> (C18H62)</p>
<p><b>Environmental and Natural Resource Management</b></p>	<p>Agriscience <sup>1</sup> (C18H19)</p> <p>-or-</p> <p>Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)</p>	<p>Applied Environmental Science <sup>1</sup> (C18H25)</p> <p>-or-</p> <p><b>IGCSE</b> Environmental Management (C18H07)</p> <p>-or-</p> <p>Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)</p>	<p>Plant &amp; Soil Science <sup>1</sup> (C18H15)</p> <p>-or-</p> <p>Capstone Supervised Agricultural Experience (C18H57)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Environmental &amp; Natural Resources Management I (C18H06)</p> <p>-or-</p>	<p>Natural Resources Management <sup>1</sup> (C18H28)</p> <p>-or-</p> <p>Unmanned Aircraft Systems in Agriculture (C18H40)</p> <p>-or-</p> <p><b>AP</b> Environmental Science (G03H25)</p> <p>-or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
			<p><b>Dual Enrollment</b> Environmental &amp; Natural Resources Management II (C18H36) -or- <b>IB</b> Environmental Systems &amp; Societies I SL (G03H36)</p>	<p><b>Dual Enrollment</b> Environmental &amp; Natural Resources Management III (C18H49) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management IV (C18H50) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management V (C18H79) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management VI (C18H80) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management VII (C18H81) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management VIII (C18H82) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management IX (C18H83) -or- <b>Dual Enrollment</b> Environmental &amp; Natural Resources Management X (C18H84) -or- <b>IB</b> Environmental Systems &amp; Societies II SL (G03H34) -or- <b>WBL</b> Environmental and Natural Resource Management Career Practicum <sup>6</sup> (C18H63)</p>
<b>Food Science</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Principles of Food Production (C18H29) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Food Science & Safety <sup>1</sup> (C18H26) -or- Capstone Supervised Agricultural Experience (C18H57) -or- <b>Dual Enrollment</b> Food Science I (C18H04)	Advanced Food Science <sup>1</sup> (C18H24) -or- <b>Dual Enrollment</b> Food Science III (C18H51) -or- <b>Dual Enrollment</b> Food Science IV (C18H52)

Program of Study	Year 1	Year 2	Year 3	Year 4
			-or- <b>Dual Enrollment</b> Food Science II (C18H37)	-or- <b>Dual Enrollment</b> Food Science V (C18H85) -or- <b>Dual Enrollment</b> Food Science VI (C18H86) -or- <b>Dual Enrollment</b> Food Science VII (C18H87) -or- <b>Dual Enrollment</b> Food Science VIII (C18H88) -or- <b>Dual Enrollment</b> Food Science IX (C18H89) -or- <b>Dual Enrollment</b> Food Science X (C18H90) -or- <b>WBL</b> Food Science Career Practicum <sup>6</sup> (C18H64)
<b>Horticulture Science</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Principles of Plant Science & Hydroculture (C18H30) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Greenhouse Management (C18H17) -or- Capstone Supervised Agricultural Experience (C18H57) -or- <b>SDC</b> Introduction to Plant Science <sup>1</sup> (C18H09) -or- <b>Dual Enrollment</b> Horticulture Science I (C18H05) -or- <b>Dual Enrollment</b> Horticulture Science II (C18H33)	Landscaping & Turf Science <sup>7</sup> (C18H16) -or- Unmanned Aircraft Systems in Agriculture (C18H40) -or- <b>Dual Enrollment</b> Horticulture Science III (C18H53) -or- <b>Dual Enrollment</b> Horticulture Science IV (C18H54) -or- <b>Dual Enrollment</b> Horticulture Science V (C18H91) -or- <b>Dual Enrollment</b> Horticulture Science VI (C18H92) -or- <b>Dual Enrollment</b> Horticulture Science VII (C18H93) -or- <b>Dual Enrollment</b> Horticulture Science VIII (C18H94) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>Dual Enrollment</b> Horticulture Science IX (C18H95) -or- <b>Dual Enrollment</b> Horticulture Science X (C18H96) -or- <b>WBL</b> Horticulture Science Career Practicum <sup>6</sup> (C18H65)
<b>Meat Science</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Meat Science I (C18HB3) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Meat Science II (C18HB4) -or- Capstone Supervised Agricultural Experience (C18H57) -or- <b>Dual Enrollment</b> Meat Science I (C18H97) -or- <b>Dual Enrollment</b> Meat Science II (C18H98)	Meat Science III (C18HB5) -or- <b>Dual Enrollment</b> Meat Science III (C18H99) -or- <b>Dual Enrollment</b> Meat Science IV (C18HA0) -or- <b>Dual Enrollment</b> Meat Science V (C18HA1) -or- <b>Dual Enrollment</b> Meat Science VI (C18HA2) -or- <b>Dual Enrollment</b> Meat Science VII (C18HA3) -or- <b>Dual Enrollment</b> Meat Science VIII (C18HA4) -or- <b>Dual Enrollment</b> Meat Science IX (C18HA5) -or- <b>Dual Enrollment</b> Meat Science X (C18HA6) -or- <b>WBL</b> Meat Science Career Practicum (C18HB6) <sup>6</sup>
<b>Veterinary and Animal Science</b>	Agriscience <sup>1</sup> (C18H19) -or- Foundational Supervised Agricultural Experience I <sup>2</sup> (C18H58)	Small Animal Science Technologies (C18H20) -or- Foundational Supervised Agricultural Experience II <sup>2</sup> (C18HB7)	Large Animal Science Technologies (C18H27) -or- Capstone Supervised Agricultural Experience (C18H57) -or-	Veterinary Science Technologies <sup>1</sup> (C18H21) -or- Unmanned Aircraft Systems in Agriculture (C18H40) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<b>Dual Enrollment</b> Veterinary & Animal Science I (C18H01) -or- <b>Dual Enrollment</b> Veterinary & Animal Science II (C18H34)	<b>Dual Enrollment</b> Veterinary & Animal Science III (C18H55) -or- <b>Dual Enrollment</b> Veterinary & Animal Science IV (C18H56) -or- <b>Dual Enrollment</b> Veterinary & Animal Science V (C18HA7) -or- <b>Dual Enrollment</b> Veterinary & Animal Science VI (C18HA8) -or- <b>Dual Enrollment</b> Veterinary & Animal Science VII (C18HA9) -or- <b>Dual Enrollment</b> Veterinary & Animal Science VIII (C18HB0) -or- <b>Dual Enrollment</b> Veterinary & Animal Science IX (C18HB1) -or- <b>Dual Enrollment</b> Veterinary & Animal Science X (C18HB2) -or- <b>WBL</b> Veterinary and Animal Science Career Practicum <sup>6</sup> (C18H66)

<sup>1</sup> Satisfies the third lab science credit required for graduation.

<sup>2</sup> Supplemental Work-Based Learning opportunity for AFNR career cluster students.

<sup>3</sup> Satisfies the fourth math credit required for graduation.

<sup>4</sup> Satisfies ½ credit of Personal Finance required for graduation.

<sup>5</sup> Satisfies ½ credit of Economics required for graduation.

<sup>6</sup> May be taught for 1, 2, or 3 credits.

<sup>7</sup> Satisfies the one fine arts credit required for graduation.

**Available courses for elective credit in this cluster:**

- **Floral Design and Operations** <sup>7</sup> (C18H59) is a supplemental course that can be offered in addition to courses within the Horticulture Science program of study but does not count toward concentrator status.
- **Equine Science** (C18H60) is a supplemental course that can be offered in addition to courses within the Veterinary and Animal Science program of study but does not count toward concentrator status.
- **Introduction to Geographical Information Systems (GIS)** (C18H39) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Architecture & Construction

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Architectural &amp; Engineering Design</b>	Architectural & Engineering Design I (C17H13)	Architectural & Engineering Design II (C17H14)	Architectural & Engineering Design III (C17H10) -or- <b>Dual Enrollment</b> Architectural & Engineering Design I (C17H04) -or- <b>Dual Enrollment</b> Architectural & Engineering Design II (C17H28)	Engineering Practicum (C21H14) -or- <b>AP</b> Calculus AB <sup>3</sup> (G02H24) -or- <b>AP</b> Calculus BC <sup>3</sup> (G02H25) -or- <b>AP</b> Physics I: Algebra-Based <sup>3</sup> (G03H27) -or- <b>AP</b> Physics II: Algebra-Based <sup>3</sup> (G03H28) -or- <b>AP</b> Physics C: Electricity & Magnetism <sup>3</sup> (G03H24) -or- <b>AP</b> Physics C: Mechanics <sup>3</sup> (G03H29) -or- <b>IB</b> Physics II SL (G03H82) -or- <b>Dual Enrollment</b> Architectural & Engineering Design III (C17H35) -or- <b>Dual Enrollment</b> Architectural & Engineering Design IV (C17H36) -or- <b>Dual Enrollment</b> Architectural & Engineering Design V (C17H50) -or- <b>Dual Enrollment</b> Architectural & Engineering Design VI (C17H51) -or- <b>Dual Enrollment</b> Architectural & Engineering Design VII (C17H52) -or- <b>Dual Enrollment</b> Architectural & Engineering Design VIII (C17H53)

Program of Study	Year 1	Year 2	Year 3	Year 4
				-or- <b>Dual Enrollment</b> Architectural & Engineering Design IX (C17H54) -or- <b>Dual Enrollment</b> Architectural & Engineering Design X (C17H55) -or- <b>WBL</b> Architectural & Engineering Design Career Practicum <sup>1</sup> (C17H45)
<b>Interior Design</b>	Foundations of Interior Design <sup>2</sup> (C17H12)	Residential Interior Design (C17H11)	Commercial Interior Design (C17H20) -or- <b>Dual Enrollment</b> Interior Design I (C17H05) -or- <b>Dual Enrollment</b> Interior Design II (C17H29)	Advanced Interior Design (C17H19) -or- <b>Dual Enrollment</b> Interior Design III (C17H37) -or- <b>Dual Enrollment</b> Interior Design IV (C17H38) -or- <b>Dual Enrollment</b> Interior Design V (C17H56) -or- <b>Dual Enrollment</b> Interior Design VI (C17H57) -or- <b>Dual Enrollment</b> Interior Design VII (C17H58) -or- <b>Dual Enrollment</b> Interior Design VIII (C17H59) -or- <b>Dual Enrollment</b> Interior Design IX (C17H60) -or- <b>Dual Enrollment</b> Interior Design X (C17H61) -or- <b>WBL</b> Interior Design Career Practicum <sup>1</sup> (C17H49)
<b>Mechanical, Electrical, &amp; Plumbing (MEP) Systems</b>	Fundamentals of Construction (C17H15)	Mechanical, Electrical, & Plumbing Systems (C17H23)	HVAC (C17H17) -or- Electrical Systems (C17H16) -or-	Construction Practicum (C17H22) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems III

Program of Study	Year 1	Year 2	Year 3	Year 4
			Plumbing Systems (C17H18) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems I (C17H03) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems II (C17H30)	(C17H39) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems IV (C17H40) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems V (C17H62) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems VI (C17H63) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems VII (C17H64) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems VIII (C17H65) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems IX (C17H66) -or- <b>Dual Enrollment</b> Mechanical, Electrical, & Plumbing Systems X (C17H67) -or- <b>WBL</b> Mechanical, Electrical, & Plumbing (MEP) Systems Career Practicum <sup>1</sup> (C17H46)
<b>Residential &amp; Commercial Construction</b>	Fundamentals of Construction (C17H15)	Residential & Commercial Construction I (C17H24)	Residential & Commercial Construction II (C17H25) -or- <b>Dual Enrollment</b> Residential & Commercial Construction I (C17H01) -or- <b>Dual Enrollment</b> Residential & Commercial Construction II (C17H31)	Construction Practicum (C17H22) -or- <b>Dual Enrollment</b> Residential & Commercial Construction III (C17H33) -or- <b>Dual Enrollment</b> Residential & Commercial Construction IV (C17H34) -or- <b>Dual Enrollment</b> Residential & Commercial Construction V (C17H68) -or- <b>Dual Enrollment</b>

Program of Study	Year 1	Year 2	Year 3	Year 4
				Residential & Commercial Construction VI (C17H69) -or- <b>Dual Enrollment</b> Residential & Commercial Construction VII (C17H70) -or- <b>Dual Enrollment</b> Residential & Commercial Construction VIII (C17H71) -or- <b>Dual Enrollment</b> Residential & Commercial Construction IX (C17H72) -or- <b>Dual Enrollment</b> Residential & Commercial Construction X (C17H73) -or- <b>WBL</b> Residential & Commercial Construction Career Practicum <sup>1</sup> (C17H47)
<b>Structural Systems</b>	Fundamentals of Construction (C17H15)	Structural Systems I (C17H26)	Structural Systems II (C17H27) -or- <b>Dual Enrollment</b> Structural Systems I (C17H02) -or- <b>Dual Enrollment</b> Structural Systems II (C17H32)	Construction Practicum (C17H22) -or- <b>Dual Enrollment</b> Structural Systems III (C17H43) -or- <b>Dual Enrollment</b> Structural Systems IV (C17H44) -or- <b>Dual Enrollment</b> Structural Systems V (C17H74) -or- <b>Dual Enrollment</b> Structural Systems VI (C17H75) -or- <b>Dual Enrollment</b> Structural Systems VII (C17H76) -or- <b>Dual Enrollment</b> Structural Systems VIII (C17H77) -or- <b>Dual Enrollment</b> Structural Systems IX (C17H78) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>Dual Enrollment</b> Structural Systems X (C17H79) -or- <b>WBL</b> Structural Systems Career Practicum <sup>1</sup> (C17H48)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

<sup>2</sup> Satisfies the one fine arts credit required for graduation.

<sup>3</sup> Satisfies the fourth math credit required for graduation.

**Available courses for elective credit in this cluster:**

- **Introduction to Geographical Information Systems (GIS)** (C18H39) is a supplemental course that can be offered in addition to courses within the Architectural and Engineering Design program of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Arts, Audio/Visual Technology, & Communications

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Audio/Visual Production</b>	A/V Production I (C11H01)	A/V Production II (C11H02)	A/V Production III (C11H03) -or- <b>Dual Enrollment</b> Audio/Visual Production I (C11H00) -or- <b>Dual Enrollment</b> Audio/Visual Production II (C11H15)	Applied Arts Practicum (C11H07) -or- <b>AP</b> English Language & Composition (G01H17) -or- <b>Dual Enrollment</b> Audio/Visual Production III (C11H18) -or- <b>Dual Enrollment</b> Audio/Visual Production IV (C11H19) -or- <b>Dual Enrollment</b> Audio/Visual Production V (C11H27) -or- <b>Dual Enrollment</b> Audio/Visual Production VI (C11H28) -or- <b>Dual Enrollment</b> Audio/Visual Production VII (C11H29) -or- <b>Dual Enrollment</b> Audio/Visual Production VIII (C11H30) -or- <b>Dual Enrollment</b> Audio/Visual Production IX (C11H31) -or- <b>Dual Enrollment</b> Audio/Visual Production X (C11H32) -or- <b>WBL</b> Audio/Visual Production Career Practicum <sup>1</sup> (C11H25)
<b>Digital Arts &amp; Design</b>	Digital Arts & Design I <sup>2</sup> (C11H06)	Digital Arts & Design II (C11H05)	Digital Arts & Design III (C11H16) -or- <b>Dual Enrollment</b> Digital Arts & Design I (C11H08) -or- <b>Dual Enrollment</b> Digital Arts & Design II (C11H09)	Applied Arts Practicum (C11H07) -or- <b>AP</b> 2-D Art and Design <sup>2</sup> (G05H30) -or- <b>AP</b> 3-D Art and Design <sup>2</sup> (G05H29) -or- <b>Dual Enrollment</b> Digital Arts & Design III (C11H20) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p><b>Dual Enrollment</b> Digital Arts &amp; Design IV (C11H21) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design V (C11H33) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design VI (C11H34) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design VII (C11H35) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design VIII (C11H36) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design IX (C11H37) -or- <b>Dual Enrollment</b> Digital Arts &amp; Design X (C11H38) -or- <b>WBL</b> Digital Arts &amp; Design Career Practicum <sup>1</sup> (C11H26)</p>
<p><b>Fashion Design</b></p>	<p>Foundations of Fashion Design <sup>2</sup> (C11H17)</p>	<p>Fashion Design (C11H10)</p>	<p>Entrepreneurship (C31H05) -or- <b>Dual Enrollment</b> Fashion Design I (C11H13) -or- <b>Dual Enrollment</b> Fashion Design II (C11H14) -or- <b>CIE</b> Art &amp; Design: Fashion &amp; Design AS Level (C11H12)</p>	<p>Advanced Fashion Design (C11H11) -or- <b>Dual Enrollment</b> Fashion Design III (C11H22) -or- <b>Dual Enrollment</b> Fashion Design IV (C11H23) -or- <b>Dual Enrollment</b> Fashion Design V (C11H39) -or- <b>Dual Enrollment</b> Fashion Design VI (C11H40) -or- <b>Dual Enrollment</b> Fashion Design VII (C11H41) -or- <b>Dual Enrollment</b> Fashion Design VIII (C11H42) -or- <b>Dual Enrollment</b> Fashion Design IX</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				(C11H43) -or- <b>Dual Enrollment</b> Fashion Design X (C11H44) -or- <b>WBL</b> Fashion Design Career Practicum <sup>1</sup> (C11H24)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

<sup>2</sup> Satisfies the one fine arts credit required for graduation.

**Available courses for elective credit in this cluster:**

- **Journalism I** (G01H15) is a supplemental course that can be offered in addition to courses within the Audio/Visual Production program of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Business Management & Administration

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Business Management</b>	Introduction to Business & Marketing (C12H26)	Business Communications (C12H16) -or- Accounting I (C29H00) -or- <b>IGCSE</b> Accounting (C29H08)	Business Management <sup>1</sup> (C12H17) -or- <b>SDC</b> Introduction to Business <sup>1&amp;2</sup> (C12H44) -or- <b>Dual Enrollment</b> Business Management I <sup>2</sup> (C12H01) -or- <b>Dual Enrollment</b> Business Management II <sup>2</sup> (C12H47) -or- <b>CIE</b> Business Studies 1 AS Level (C12H14)	Business & Entrepreneurship Practicum (C12H35) -or- <b>Dual Enrollment</b> Business Management III <sup>2</sup> (C12H59) -or- <b>Dual Enrollment</b> Business Management IV <sup>2</sup> (C12H52) -or- <b>Dual Enrollment</b> Business Management V <sup>2</sup> (C12H66) -or- <b>Dual Enrollment</b> Business Management VI <sup>2</sup> (C12H67) -or- <b>Dual Enrollment</b> Business Management VII <sup>2</sup> (C12H68) -or- <b>Dual Enrollment</b> Business Management VIII <sup>2</sup> (C12H69) -or- <b>Dual Enrollment</b> Business Management IX <sup>2</sup> (C12H70) -or- <b>Dual Enrollment</b> Business Management X <sup>2</sup> (C12H71) -or- <b>WBL</b> Business Management Career Practicum <sup>3</sup> (C12H61)
<b>Health Services Administration</b>	Introduction to Business & Marketing (C12H26) -or- Health Science Education (C14H14)	Health Information Technology (C12H34)	Business Management <sup>1</sup> (C12H17) -or- <b>SDC</b> Introduction to Business <sup>1&amp;2</sup> (C12H44) -or- <b>Dual Enrollment</b> Health Services Administration I (C12H03) -or- <b>Dual Enrollment</b> Health Services Administration II (C12H49) -or-	Health Services Administration Practicum (C12H38) -or- <b>Dual Enrollment</b> Health Services Administration III (C12H53) -or- <b>Dual Enrollment</b> Health Services Administration IV (C12H54) -or- <b>Dual Enrollment</b> Health Services Administration V (C12H72) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<p align="center"><b>CIE</b> Business Studies 1 AS Level (C12H14)</p>	<p><b>Dual Enrollment</b> Health Services Administration VI (C12H73) -or- <b>Dual Enrollment</b> Health Services Administration VII (C12H74) -or- <b>Dual Enrollment</b> Health Services Administration VIII (C12H75) -or- <b>Dual Enrollment</b> Health Services Administration IX (C12H76) -or- <b>Dual Enrollment</b> Health Services Administration X (C12H77) -or- <b>WBL</b> Health Services Administration Career Practicum <sup>3</sup> (C12H62)</p>
<p><b>Office Management</b></p>	<p>Introduction to Business &amp; Marketing (C12H26) -or- Principles of Office Applications (C12H84)</p>	<p>Business Communications (C12H16)</p>	<p>Business Management (C12H17) <sup>1</sup> -or- <b>SDC</b> Introduction to Business <sup>1&amp;2</sup> (C12H44) -or- <b>Dual Enrollment</b> Office Management I (C12H02) -or- <b>Dual Enrollment</b> Office Management II (C12H48) -or- <b>CIE</b> Business Studies 1 AS Level (C12H14)</p>	<p>Advanced Office Applications (C12H85) -or- <b>Dual Enrollment</b> Office Management III (C12H57) -or- <b>Dual Enrollment</b> Office Management IV (C12H58) -or- <b>Dual Enrollment</b> Office Management V (C12H78) -or- <b>Dual Enrollment</b> Office Management VI (C12H79) -or- <b>Dual Enrollment</b> Office Management VII (C12H80) -or- <b>Dual Enrollment</b> Office Management VIII (C12H81) -or- <b>Dual Enrollment</b> Office Management IX (C12H82)</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				-or- <b>Dual Enrollment</b> Office Management X (C12H83) -or- <b>WBL</b> Office Management Career Practicum <sup>3</sup> (C12H60)

<sup>1</sup> Satisfies ½ credit of Personal Finance required for graduation.

<sup>2</sup> Satisfies ½ credit of Economics required for graduation.

<sup>3</sup> May be taught for 1, 2, or 3 credits.

<sup>4</sup> Satisfies ½ credit of US Government required for graduation.

**Available courses for elective credit in this cluster:**

- **American Business Legal Systems** <sup>4</sup> (C12H20) and **Business Economics** <sup>2</sup> (C12H21) are supplemental courses that can be offered in addition to courses within the Business Management and Human Resources Management programs of study but do not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Education & Training

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Early Childhood Education Careers</b>	Early Childhood Education Careers I (C32H06)	Early Childhood Education Careers II (C32H07)	Early Childhood Education Careers III (C32H08) -or- <b>Dual Enrollment</b> Early Childhood Education Careers I (C32H10) -or- <b>Dual Enrollment</b> Early Childhood Education Careers II (C32H18)	Early Childhood Education Careers IV (C32H09) -or- Foundational Literacy Practicum (C32H37) -or- <b>Dual Enrollment</b> Early Childhood Education Careers III (C32H22) -or- <b>Dual Enrollment</b> Early Childhood Education Careers IV (C32H23) -or- <b>Dual Enrollment</b> Early Childhood Education Careers V (C32H43) -or- <b>Dual Enrollment</b> Early Childhood Education Careers VI (C32H44) -or- <b>Dual Enrollment</b> Early Childhood Education Careers VII (C32H45) -or- <b>Dual Enrollment</b> Early Childhood Education Careers VIII (C32H46) -or- <b>Dual Enrollment</b> Early Childhood Education Careers IX (C32H47) -or- <b>Dual Enrollment</b> Early Childhood Education Careers X (C32H48) -or- <b>SDC</b> Introduction to Education (C32H28) -or- <b>WBL</b> Early Childhood Education Career Practicum <sup>1</sup> (C32H34)

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Educational Guidance and Social Services</b>	Educational Guidance and Social Services I (C32H29)	Educational Guidance and Social Services II (C32H30)	Educational Guidance and Social Services III (C32H31) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services I (C32H16) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services II (C32H19)	Educational Guidance and Social Services Practicum (C32H32) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services III (C32H24) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services IV (C32H25) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services V (C32H49) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services VI (C32H50) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services VII (C32H51) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services VIII (C32H52) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services IX (C32H53) -or- <b>Dual Enrollment</b> Educational Guidance and Social Services X (C32H54) -or- <b>WBL</b> Educational Guidance and Social Services Career Practicum <sup>1</sup> (C32H35)
<b>Teaching as a Profession (K-12)</b>	Introduction to Teaching as a Profession (C32H33)	Teaching as a Profession I (C32H01)	Teaching as a Profession II (C32H02) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) I (C32H04) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) II (C32H05)	Teaching as a Profession Practicum <sup>2</sup> (C32H03) -or- Foundational Literacy Practicum (C32H37) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) III (C32H26)

Program of Study	Year 1	Year 2	Year 3	Year 4
				-or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) IV (C32H27) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) V (C32H55) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) VI (C32H56) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) VII (C32H57) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) VIII (C32H58) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) IX (C32H59) -or- <b>Dual Enrollment</b> Teaching as a Profession (K-12) X (C32H60) -or- <b>SDC</b> Introduction to Education (C32H28) -or- <b>WBL</b> Teaching as a Profession (K-12) Career Practicum <sup>1</sup> (C32H36)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

<sup>2</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.
- **Lifespan Development** (C19H17) can be offered in addition to courses within the programs of study but does not count towards concentrator status.

## Finance

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Accounting</b>	Introduction to Business & Marketing (C12H26)	Accounting I (C29H00) -or- <b>IGCSE</b> Accounting (C29H08)	Accounting II (C29H01) -or- <b>Dual Enrollment</b> Accounting I (C29H05) -or- <b>Dual Enrollment</b> Accounting II (C29H07) -or- <b>CIE</b> Accounting 1 AS Level (C29H06)	Financial Planning (C29H02) -or- Statistics (G02H37) -or- <b>AP</b> Statistics (G02H26) -or- <b>Dual Enrollment</b> Accounting III (C29H12) -or- <b>Dual Enrollment</b> Accounting IV (C29H13) -or- <b>Dual Enrollment</b> Accounting V (C29H18) -or- <b>Dual Enrollment</b> Accounting VI (C29H19) -or- <b>Dual Enrollment</b> Accounting VII (C29H20) -or- <b>Dual Enrollment</b> Accounting VIII (C29H21) -or- <b>Dual Enrollment</b> Accounting IX (C29H22) -or- <b>Dual Enrollment</b> Accounting X (C29H23) -or- <b>SDC</b> Introductory Statistics (G02H75) -or- <b>WBL</b> Accounting Career Practicum <sup>1</sup> (C29H16)
<b>Banking and Finance</b>	Introduction to Business & Marketing (C12H26)	Accounting I (C29H00) -or- <b>IGCSE</b> Accounting (C29H08)	Banking & Finance (C29H03) -or- <b>Dual Enrollment</b> Banking & Finance I (C29H09) -or-	Financial Planning (C29H02) -or- <b>Dual Enrollment</b> Banking & Finance III (C29H14) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<b>Dual Enrollment</b> Banking & Finance II (C29H10)	<b>Dual Enrollment</b> Banking & Finance IV (C29H15) -or- <b>Dual Enrollment</b> Banking & Finance V (C29H24) -or- <b>Dual Enrollment</b> Banking & Finance VI (C29H25) -or- <b>Dual Enrollment</b> Banking & Finance VII (C29H26) -or- <b>Dual Enrollment</b> Banking & Finance VIII (C29H27) -or- <b>Dual Enrollment</b> Banking & Finance IX (C29H28) -or- <b>Dual Enrollment</b> Banking & Finance X (C29H29) -or- <b>WBL</b> Banking and Finance Career Practicum <sup>1</sup> (C29H17)

<sup>1</sup> May be taught for 1, 2 or 3 credits.

**Available courses for elective credit in this cluster:**

- **Personal Finance** (C29H11) is a course required for graduation but does not count toward concentrator status in a program of study.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Government & Public Administration

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Leadership in Government</b>	JROTC I <sup>1</sup> (G08H04)	JROTC II <sup>2</sup> (G08H05) -or- Public Management & Administration (C15H16)	U.S. Government & Civics (G04H12) -or- JROTC III <sup>3</sup> (G08H06) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response I (C15H22) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response II (C15H23)	JROTC IV (G08H07) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response III (C15H25) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response IV (C15H26) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response V (C15H31) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response VI (C15H32) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response VII (C15H33) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response VIII (C15H34) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response IX (C15H35) -or- <b>Dual Enrollment</b> Leadership in Community Emergency Response X (C15H36) -or- <b>WBL</b> Leadership in Government Career Practicum <sup>4</sup> (C15H29)

<sup>1</sup>JROTC I satisfies the graduation requirement for Lifetime Wellness.

<sup>2</sup>JROTC II satisfies the graduation requirement for Physical Education.

<sup>3</sup>JROTC III satisfies the graduation requirement for a ½ credit of Personal Finance and a ½ credit of US Government & Civics.

<sup>4</sup>May be taught for 1, 2, or 3 credits.

### Available courses for elective credit in this cluster:

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.
- **Success Skills through Service Learning** (C25H15) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Health Science

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Behavioral Health</b>	Health Science Education (C14H14)	Human Anatomy & Physiology <sup>1</sup> (G03H31) -or- Anatomy & Physiology <sup>1</sup> (C14H09)	Behavioral Health (C14H79) -or- <b>Dual Enrollment</b> Behavioral Health I (C14H81) -or- <b>Dual Enrollment</b> Behavioral Health II (C14H82)	Behavioral Health Practicum (C14H80) -or- <b>Dual Enrollment</b> Behavioral Health III (C14H83) -or- <b>Dual Enrollment</b> Behavioral Health IV (C14H84) -or- <b>Dual Enrollment</b> Behavioral Health V (C14H85) -or- <b>Dual Enrollment</b> Behavioral Health VI (C14H86) -or- <b>Dual Enrollment</b> Behavioral Health VII (C14H87) -or- <b>Dual Enrollment</b> Behavioral Health VIII (C14H88) -or- <b>Dual Enrollment</b> Behavioral Health IX (C14H89) -or- <b>Dual Enrollment</b> Behavioral Health X (C14H90) -or- <b>WBL</b> Behavioral Health Career Practicum (C14H91)
<b>Diagnostic Services</b>	Health Science Education (C14H14)	Human Anatomy & Physiology <sup>1</sup> (G03H31) -or- Anatomy & Physiology <sup>1</sup> (C14H09) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology I <sup>1</sup> (G03H43)	Diagnostic Medicine (C14H12) -or- <b>Dual Enrollment</b> Diagnostic Services I (C14H02) -or- <b>Dual Enrollment</b> Diagnostic Services II (C14H26) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology II <sup>1</sup> (G03H44)	Cardiovascular Services (C14H18) -or- Clinical Internship <sup>3</sup> (C14H11) -or- <b>Dual Enrollment</b> Diagnostic Services III (C14H37) -or- <b>Dual Enrollment</b> Diagnostic Services IV (C14H38) -or- <b>Dual Enrollment</b> Diagnostic Services V (C14H49) -or- <b>Dual Enrollment</b> Diagnostic Services VI (C14H50)

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p>-or-</p> <p><b>Dual Enrollment</b> Diagnostic Services VII (C14H51)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Diagnostic Services VIII (C14H52)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Diagnostic Services IX (C14H53)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Diagnostic Services X (C14H54)</p> <p>-or-</p> <p><b>WBL</b> Diagnostic Services Career Practicum<sup>2</sup> (C14H19)</p>
<p><b>Emergency Services</b></p>	<p>Health Science Education (C14H14)</p>	<p>Human Anatomy &amp; Physiology<sup>1</sup> (G03H31)</p> <p>-or-</p> <p>Anatomy &amp; Physiology<sup>1</sup> (C14H09)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Human Anatomy &amp; Physiology I<sup>1</sup> (G03H43)</p>	<p>Medical Therapeutics (C14H15)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services I (C14H04)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services II (C14H29)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Human Anatomy &amp; Physiology II<sup>1</sup> (G03H44)</p>	<p>Emergency Medical Services<sup>1</sup> (C14H13)</p> <p>-or-</p> <p>Emergency Medical Services Practicum<sup>3</sup> (C14H24)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services III (C14H35)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services IV (C14H36)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services V (C14H55)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services VI (C14H56)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services VII (C14H57)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services VIII (C14H58)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services IX (C14H59)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Emergency Services X (C14H60)</p> <p>-or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>WBL</b> Emergency Services Career Practicum <sup>2</sup> (C14H45)
<b>Nursing Services</b>	Health Science Education (C14H14)	Human Anatomy & Physiology <sup>1</sup> (G03H31) -or- Anatomy & Physiology <sup>1</sup> (C14H09) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology I <sup>1</sup> (G03H43)	Medical Therapeutics (C14H15) -or- <b>Dual Enrollment</b> Nursing Services I (C14H03) -or- <b>Dual Enrollment</b> Nursing Services II (C14H27) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology II <sup>1</sup> (G03H44)	Nursing Education <sup>3</sup> (C14H16) -or- Clinical Internship <sup>3</sup> (C14H11) -or- <b>Dual Enrollment</b> Nursing Services III (C14H33) -or- <b>Dual Enrollment</b> Nursing Services IV (C14H34) -or- <b>Dual Enrollment</b> Nursing Services V (C14H61) -or- <b>Dual Enrollment</b> Nursing Services VI (C14H62) -or- <b>Dual Enrollment</b> Nursing Services VII (C14H63) -or- <b>Dual Enrollment</b> Nursing Services VIII (C14H64) -or- <b>Dual Enrollment</b> Nursing Services IX (C14H65) -or- <b>Dual Enrollment</b> Nursing Services X (C14H66) -or- <b>WBL</b> Nursing Services Career Practicum <sup>2</sup> (C14H46)
<b>Sport and Human Performance</b>	Health Science Education (C14H14)	Human Anatomy & Physiology <sup>1</sup> (G03H31) -or- Anatomy & Physiology <sup>1</sup> (C14H09) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology I <sup>1</sup> (G03H43)	Rehabilitation Careers (C14H08) -or- <b>Dual Enrollment</b> Sport and Human Performance I (C14H39) -or- <b>Dual Enrollment</b> Sport and Human Performance II (C14H40) -or-	Exercise Science (C14H22) -or- Clinical Internship (C14H11) -or- <b>Dual Enrollment</b> Sport and Human Performance III (C14H41) -or- <b>Dual Enrollment</b> Sport and Human Performance IV (C14H42)

Program of Study	Year 1	Year 2	Year 3	Year 4
			<p><b>Dual Enrollment</b> Human Anatomy &amp; Physiology II <sup>1</sup> (G03H44) -or- <b>IB</b> Sports, Exercise, &amp; Health Science I SL/HL (G03H39)</p>	<p>-or- <b>Dual Enrollment</b> Sport and Human Performance V (C14H67) -or- <b>Dual Enrollment</b> Sport and Human Performance VI (C14H68) -or- <b>Dual Enrollment</b> Sport and Human Performance VII (C14H69) -or- <b>Dual Enrollment</b> Sport and Human Performance VIII (C14H70) -or- <b>Dual Enrollment</b> Sport and Human Performance IX (C14H71) -or- <b>Dual Enrollment</b> Sport and Human Performance X (C14H72) -or- <b>IB</b> Sports, Exercise, &amp; Health Science II SL/HL (G03H40) -or- <b>WBL</b> Sport and Human Performance Career Practicum <sup>2</sup> (C14H47)</p>
<p><b>Therapeutic Services</b></p>	<p>Health Science Education (C14H14)</p>	<p>Human Anatomy &amp; Physiology <sup>1</sup> (G03H31) -or- Anatomy &amp; Physiology <sup>1</sup> (C14H09) -or- <b>Dual Enrollment</b> Human Anatomy &amp; Physiology I <sup>1</sup> (G03H43)</p>	<p>Dental Science (C14H21) -or- Pharmacological Sciences (C14H20) -or- Nutrition Science &amp; Diet Therapy <sup>1</sup> (C19H16) -or- Medical Therapeutics (C14H15) -or- Medical Assisting (C14H10) -or- Public Health &amp; Epidemiology (C14H17) -or-</p>	<p>Clinical Internship <sup>3</sup> (C14H11) -or- <b>Dual Enrollment</b> Therapeutic Services III (C14H43) -or- <b>Dual Enrollment</b> Therapeutic Services IV (C14H44) -or- <b>Dual Enrollment</b> Therapeutic Services V (C14H73) -or- <b>Dual Enrollment</b> Therapeutic Services VI (C14H74) -or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
			<b>Dual Enrollment</b> Therapeutic Services I (C14H05) -or- <b>Dual Enrollment</b> Therapeutic Services II (C14H28) -or- <b>Dual Enrollment</b> Human Anatomy & Physiology II <sup>1</sup> (G03H44)	<b>Dual Enrollment</b> Therapeutic Services VII (C14H75) -or- <b>Dual Enrollment</b> Therapeutic Services VIII (C14H76) -or- <b>Dual Enrollment</b> Therapeutic Services IX (C14H77) -or- <b>Dual Enrollment</b> Therapeutic Services X (C14H78) -or- <b>Dual Enrollment</b> Medical Assisting (C14H32) -or- <b>WBL</b> Therapeutic Services Career Practicum <sup>2</sup> (C14H48)

<sup>1</sup> Satisfies the third lab science credit for graduation.

<sup>2</sup> May be taught for 1, 2, or 3 credits.

<sup>3</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

**Available courses for elective credit in this cluster:**

- **Medical Terminology** (C14H07) is a supplemental course that can be offered in addition to courses within the Health Science career cluster but does not count toward concentrator status.
- **Dual Enrollment Medical Terminology** (C14H31) is a supplemental dual enrollment course that can be offered in addition to courses within the Health Science career cluster but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Hospitality & Tourism

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Culinary Arts</b>	Culinary Arts I (C16H06)	Culinary Arts II (C16H07)	Culinary Arts III (C16H08) -or- <b>Dual Enrollment</b> Culinary Arts I (C16H01) -or- <b>Dual Enrollment</b> Culinary Arts II (C16H14)	Culinary Arts IV (C16H09) -or- <b>Dual Enrollment</b> Culinary Arts III (C16H20) -or- <b>Dual Enrollment</b> Culinary Arts IV (C16H11) -or- <b>Dual Enrollment</b> Culinary Arts V (C16H23) -or- <b>Dual Enrollment</b> Culinary Arts VI (C16H24) -or- <b>Dual Enrollment</b> Culinary Arts VII (C16H25) -or- <b>Dual Enrollment</b> Culinary Arts VIII (C16H26) -or- <b>Dual Enrollment</b> Culinary Arts IX (C16H27) -or- <b>Dual Enrollment</b> Culinary Arts X (C16H28) -or- <b>WBL</b> Culinary Arts Career Practicum <sup>1</sup> (C16H21)
<b>Hospitality and Tourism Management</b>	Hospitality & Tourism Management I (C16H17) -or- <b>IGCSE</b> Travel & Tourism (C16H03)	Hospitality & Tourism Management II (C16H18) -or- <b>CIE</b> Travel & Tourism 1 AS Level (C16H04)	Hospitality & Tourism Management III (C16H19) -or- <b>DE</b> Hospitality & Tourism Management I (C16H02) -or- <b>DE</b> Hospitality & Tourism Management II (C16H15)	Event Planning & Management (C16H12) -or- <b>DE</b> Hospitality & Tourism Management III (C16H10) -or- <b>DE</b> Hospitality & Tourism Management IV (C16H13) -or- <b>DE</b> Hospitality & Tourism Management V (C16H29) -or- <b>DE</b>

Program of Study	Year 1	Year 2	Year 3	Year 4
				Hospitality & Tourism Management VI (C16H30) -or- <b>DE</b> Hospitality & Tourism Management VII (C16H31) -or- <b>DE</b> Hospitality & Tourism Management VIII (C16H32) -or- <b>DE</b> Hospitality & Tourism Management IX (C16H33) -or- <b>DE</b> Hospitality & Tourism Management X (C16H34) -or- <b>WBL</b> Hospitality and Tourism Management Career Practicum <sup>1</sup> (C16H22)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Human Services

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Cosmetology</b>	Cosmetology I (C19H12)	Cosmetology II (C19H14)	Cosmetology III (C19H13) -or- <b>Dual Enrollment</b> Cosmetology I (C19H04) -or- <b>Dual Enrollment</b> Cosmetology II (C19H23)	Cosmetology IV (C19H21) -or- <b>Dual Enrollment</b> Cosmetology III (C19H27) -or- <b>Dual Enrollment</b> Cosmetology IV (C19H28) -or- <b>Dual Enrollment</b> Cosmetology V (C19H39) -or- <b>Dual Enrollment</b> Cosmetology VI (C19H40) -or- <b>Dual Enrollment</b> Cosmetology VII (C19H41) -or- <b>Dual Enrollment</b> Cosmetology VIII (C19H42) -or- <b>Dual Enrollment</b> Cosmetology IX (C19H43) -or- <b>Dual Enrollment</b> Cosmetology X (C19H44) -or- <b>WBL</b> Cosmetology Career Practicum <sup>4</sup> (C19H35)
<b>Barbering</b>	Barbering I (C19H09)	Barbering II (C19H10)	Entrepreneurship <sup>1&amp;3</sup> (C31H05) -or- <b>Dual Enrollment</b> Barbering I (C19H05) -or- <b>Dual Enrollment</b> Barbering II (C19H24)	Barbering III (C19H11) -or- <b>Dual Enrollment</b> Barbering III (C19H29) -or- <b>Dual Enrollment</b> Barbering IV (C19H30) -or- <b>Dual Enrollment</b> Barbering V (C19H45) -or- <b>Dual Enrollment</b> Barbering VI (C19H46) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p><b>Dual Enrollment</b> Barbering VII (C19H47) -or- <b>Dual Enrollment</b> Barbering VIII (C19H48) -or- <b>Dual Enrollment</b> Barbering IX (C19H49) -or- <b>Dual Enrollment</b> Barbering X (C19H50) -or- <b>WBL</b> Barbering Career Practicum <sup>4</sup> (C19H36)</p>
<p><b>Dietetics and Nutrition</b></p>	<p>Introduction to Human Studies (C19H19)</p>	<p>Nutrition Across the Lifespan (C19H15) -or- <b>IGCSE</b> Food &amp; Nutrition (C19H08)</p>	<p>Nutrition Science &amp; Diet Therapy <sup>2</sup> (C19H16) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition I (C19H03) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition II (C19H22)</p>	<p>Human Services Practicum (C19H20) -or- Psychology (G04H15) -or- Sociology (G04H14) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition III (C19H31) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition IV (C19H32) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition V (C19H51) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition VI (C19H52) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition VII (C19H53) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition VIII (C19H54) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition IX (C19H55) -or- <b>Dual Enrollment</b> Dietetics &amp; Nutrition X (C19H56) -or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>WBL</b> Dietetics and Nutrition Career Practicum <sup>4</sup> (C19H37)
<b>Human and Social Sciences</b>	Introduction to Human Studies (C19H19)	Lifespan Development (C19H17)	Family Studies (C19H18) -or- <b>Dual Enrollment</b> Human & Social Sciences I (C19H02) -or- <b>Dual Enrollment</b> Human & Social Sciences II (C19H26) -or- <b>IGCSE</b> Sociology (G04H65)	Human Services Practicum (C19H20) -or- Psychology (G04H15) -or- Sociology (G04H14) -or- <b>Dual Enrollment</b> Human & Social Sciences III (C19H33) -or- <b>Dual Enrollment</b> Human & Social Sciences IV (C19H34) -or- <b>Dual Enrollment</b> Human & Social Sciences V (C19H57) -or- <b>Dual Enrollment</b> Human & Social Sciences VI (C19H58) -or- <b>Dual Enrollment</b> Human & Social Sciences VII (C19H59) -or- <b>Dual Enrollment</b> Human & Social Sciences VIII (C19H60) -or- <b>Dual Enrollment</b> Human & Social Sciences IX (C19H61) -or- <b>Dual Enrollment</b> Human & Social Sciences X (C19H62) -or- <b>WBL</b> Human and Social Sciences Career Practicum <sup>4</sup> (C19H38)

<sup>1</sup> Satisfies ½ credit of Economics required for graduation.

<sup>2</sup> Satisfies the third lab science credit for graduation.

<sup>3</sup> Satisfies ½ credit of Personal Finance required for graduation.

<sup>4</sup> May be taught for 1, 2, or 3 credits.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Information Technology

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Coding</b>	Computer Science Foundations <sup>1</sup> (C10H11) -or- <b>IGCSE</b> Computer Science <sup>1</sup> (C10H07)	Coding I <sup>1</sup> (C10H14)	Coding II <sup>1</sup> (C10H15) -or- Mobile App Development <sup>1</sup> (C10H22) -or- <b>AP</b> Computer Science Principles <sup>1</sup> (G02H44) -or- <b>Dual Enrollment</b> Coding I <sup>1</sup> (C10H01) -or- <b>Dual Enrollment</b> Coding II <sup>1</sup> (C10H28)	Coding Practicum <sup>1&amp;4</sup> (C10H08) -or- <b>AP</b> Computer Science A <sup>1</sup> (G02H45) -or- <b>Dual Enrollment</b> Coding III <sup>1</sup> (C10H32) -or- <b>Dual Enrollment</b> Coding IV <sup>1</sup> (C10H33) -or- <b>Dual Enrollment</b> Coding V <sup>1</sup> (C10H44) -or- <b>Dual Enrollment</b> Coding VI <sup>1</sup> (C10H45) -or- <b>Dual Enrollment</b> Coding VII <sup>1</sup> (C10H46) -or- <b>Dual Enrollment</b> Coding VIII <sup>1</sup> (C10H47) -or- <b>Dual Enrollment</b> Coding IX <sup>1</sup> (C10H48) -or- <b>Dual Enrollment</b> Coding X <sup>1</sup> (C10H49) -or- <b>CIE</b> Computer Science 1 AS Level <sup>1</sup> (C10H25) -or- <b>WBL</b> Coding Career Practicum <sup>2</sup> (C10H40)
<b>Cybersecurity</b>	Computer Science Foundations <sup>1</sup> (C10H11)	Cybersecurity I <sup>1</sup> (C10H19)	Cybersecurity II <sup>1</sup> (C10H20) -or- <b>AP</b> Computer Science Principles <sup>1</sup> (G02H44) -or- <b>Dual Enrollment</b> Cybersecurity I <sup>1</sup> (C10H24) -or-	Cybersecurity Practicum <sup>1&amp;4</sup> (C10H21) -or- <b>Dual Enrollment</b> Cybersecurity III <sup>1</sup> (C10H34) -or- <b>Dual Enrollment</b> Cybersecurity IV <sup>1</sup> (C10H35) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<b>Dual Enrollment</b> Cybersecurity II <sup>1</sup> (C10H31)	<b>Dual Enrollment</b> Cybersecurity V <sup>1</sup> (C10H50) -or- <b>Dual Enrollment</b> Cybersecurity VI <sup>1</sup> (C10H51) -or- <b>Dual Enrollment</b> Cybersecurity VII <sup>1</sup> (C10H52) -or- <b>Dual Enrollment</b> Cybersecurity VIII <sup>1</sup> (C10H53) -or- <b>Dual Enrollment</b> Cybersecurity IX <sup>1</sup> (C10H54) -or- <b>Dual Enrollment</b> Cybersecurity X <sup>1</sup> (C10H55) -or- <b>WBL</b> Cybersecurity Career Practicum <sup>2</sup> (C10H41)
<b>Networking Systems</b>	Computer Science Foundations <sup>1</sup> (C10H11)	Computer Systems (C10H10)	Networking (C10H13) -or- <b>Dual Enrollment</b> Networking Systems I (C10H02) -or- <b>Dual Enrollment</b> Networking Systems II (C10H29)	Cabling & Internetworking (C10H09) -or- IT Clinical Internship <sup>4</sup> (C10H12) -or- <b>Dual Enrollment</b> Networking Systems III (C10H36) -or- <b>Dual Enrollment</b> Networking Systems IV (C10H37) -or- <b>Dual Enrollment</b> Networking Systems V (C10H56) -or- <b>Dual Enrollment</b> Networking Systems VI (C10H57) -or- <b>Dual Enrollment</b> Networking Systems VII (C10H58) -or- <b>Dual Enrollment</b> Networking Systems VIII (C10H59) -or- <b>Dual Enrollment</b> Networking Systems IX (C10H60)

Program of Study	Year 1	Year 2	Year 3	Year 4
				-or- <b>Dual Enrollment</b> Networking Systems X (C10H61) -or- <b>WBL</b> Networking Systems Career Practicum <sup>2</sup> (C10H42)
<b>Web Design</b>	Computer Science Foundations (C10H11) <sup>1</sup> -or- <b>IGCSE</b> Information and Communication Technology (C10H26)	Web Design Foundations (C10H16) <sup>3</sup>	Web Site Development (C10H17) -or- <b>AP</b> Computer Science Principles <sup>1</sup> (G02H44) -or- <b>Dual Enrollment</b> Web Design I (C10H03) -or- <b>Dual Enrollment</b> Web Design II (C10H30)	Web Design Practicum <sup>4</sup> (C10H18) -or- <b>Dual Enrollment</b> Web Design III (C10H38) -or- <b>Dual Enrollment</b> Web Design IV (C10H39) -or- <b>Dual Enrollment</b> Web Design V (C10H62) -or- <b>Dual Enrollment</b> Web Design VI (C10H63) -or- <b>Dual Enrollment</b> Web Design VII (C10H64) -or- <b>Dual Enrollment</b> Web Design VIII (C10H65) -or- <b>Dual Enrollment</b> Web Design IX (C10H66) -or- <b>Dual Enrollment</b> Web Design X (C10H67) -or- <b>WBL</b> Web Design Career Practicum <sup>2</sup> (C10H43)

<sup>1</sup> May count for a computer science course, a 3rd lab science credit, or a 4th math credit for the graduation requirement. A course approved to substitute for more than one graduation requirement can only be used by a student to substitute for one (1) graduation requirement course.

<sup>2</sup> May be taught for 1, 2, or 3 credits.

<sup>3</sup> Satisfies the one fine arts credit required for graduation.

<sup>4</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

**Available courses for elective credit in this cluster:**

- **Introduction to Geographical Information Systems (GIS)** (C18H39) is a supplemental course that can be offered in addition to courses within the Cybersecurity program of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

**Law, Public Safety, Corrections, & Security**

Program of Study	Year 1	Year 2	Year 3	Year 4
<p><b>Criminal Justice and Correction Services</b></p>	<p>Criminal Justice I (C30H00)</p>	<p>Criminal Justice II (C30H01) -or- <b>SDC</b> Criminal Justice <sup>1</sup> (C30H11)</p>	<p>Criminal Justice III: Forensic Criminal Investigations (C30H02) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services I (C30H12) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services II (C30H13)</p>	<p>Criminal Justice Practicum (C30H03) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services III (C30H20) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services IV (C30H21) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services V (C30H29) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services VI (C30H30) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services VII (C30H31) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services VIII (C30H32) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services IX (C30H33) -or- <b>Dual Enrollment</b> Criminal Justice and Correction Services X (C30H34) -or- Unmanned Aircraft Systems for Criminal Justice (C30H18) -or- <b>WBL</b> Criminal Justice and Correction Services Career Practicum <sup>4</sup> (C30H27)</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Fire Management Services</b>	Principles of Fire & Emergency Services (C30H04)	Fire Prevention (C30H05)	Fire Science I (C30H06) -or- <b>Dual Enrollment</b> Fire Management Services I (C30H14) -or- <b>Dual Enrollment</b> Fire Management Services II (C30H15)	Fire Science II (C30H07) -or- <b>Dual Enrollment</b> Fire Management Services III (C30H22) -or- <b>Dual Enrollment</b> Fire Management Services IV (C30H23) -or- <b>Dual Enrollment</b> Fire Management Services V (C30H35) -or- <b>Dual Enrollment</b> Fire Management Services VI (C30H36) -or- <b>Dual Enrollment</b> Fire Management Services VII (C30H37) -or- <b>Dual Enrollment</b> Fire Management Services VIII (C30H38) -or- <b>Dual Enrollment</b> Fire Management Services IX (C30H39) -or- <b>Dual Enrollment</b> Fire Management Services X (C30H40) -or- <b>WBL</b> Fire Management Services Career Practicum <sup>4</sup> (C30H26)
<b>Pre-Law</b>	Pre-Law I <sup>2</sup> (C30H08)	Pre-Law II <sup>2</sup> (C30H09)	Pre-Law III <sup>2</sup> (C30H10) -or- <b>Dual Enrollment</b> Pre-Law I (C30H16) -or- <b>Dual Enrollment</b> Pre-Law II (C30H17)	Pre-Law Practicum (C30H19) -or- <b>AP</b> U.S. Government & Politics <sup>2</sup> (G04H26) -or- <b>Dual Enrollment</b> Pre-Law III (C30H24) -or- <b>Dual Enrollment</b> Pre-Law IV

Program of Study	Year 1	Year 2	Year 3	Year 4
				(C30H25) -or- <b>Dual Enrollment</b> Pre-Law V (C30H41) -or- <b>Dual Enrollment</b> Pre-Law VI (C30H42) -or- <b>Dual Enrollment</b> Pre-Law VII (C30H43) -or- <b>Dual Enrollment</b> Pre-Law VIII (C30H44) -or- <b>Dual Enrollment</b> Pre-Law IX (C30H45) -or- <b>Dual Enrollment</b> Pre-Law X (C30H46) -or- <b>WBL</b> Pre-Law Career Practicum <sup>4</sup> (C30H28)

<sup>1</sup> Statewide Dual Credit Criminal Justice **requires** Criminal Justice I as a prerequisite course; students cannot take Statewide Dual Credit Criminal Justice without having already completed the first course in the program of study. Students must be at least a sophomore to take the Statewide Dual Credit Criminal Justice course.

<sup>2</sup> Pre-Law I, II, and III satisfies credit the graduation requirement for U.S. Government and Civics for students who complete all three courses.

<sup>3</sup> Satisfies ½ credit of US Government required for graduation.

<sup>4</sup> May be taught for 1, 2, or 3 credits.

**Available courses for elective credit in this cluster:**

- **American Business Legal Systems** <sup>3</sup> (C12H20) is a supplemental course that can be offered in addition to courses within the Pre-Law program of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Marketing, Distribution & Logistics

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Entrepreneurship</b>	Introduction to Entrepreneurship (C31H23)	Marketing & Management I: Principles <sup>1</sup> (C31H00)	Entrepreneurship <sup>1&amp;4</sup> (C31H05) -or- <b>Dual Enrollment</b> Entrepreneurship I (C31H12) -or- <b>Dual Enrollment</b> Entrepreneurship II (C31H14) -or- <b>IGCSE</b> Enterprise (C31H13)	Business & Entrepreneurship Practicum (C12H35) -or- <b>Dual Enrollment</b> Entrepreneurship III (C31H17) -or- <b>Dual Enrollment</b> Entrepreneurship IV (C31H18) -or- <b>Dual Enrollment</b> Entrepreneurship V (C31H31) -or- <b>Dual Enrollment</b> Entrepreneurship VI (C31H32) -or- <b>Dual Enrollment</b> Entrepreneurship VII (C31H33) -or- <b>Dual Enrollment</b> Entrepreneurship VIII (C31H34) -or- <b>Dual Enrollment</b> Entrepreneurship IX (C31H35) -or- <b>Dual Enrollment</b> Entrepreneurship X (C31H36) -or- <b>WBL</b> Entrepreneurship Career Practicum <sup>2</sup> (C31H29)
<b>Marketing Management</b>	Introduction to Business & Marketing (C12H26)	Marketing & Management I: Principles <sup>1</sup> (C31H00)	Marketing & Management II: Advanced Strategies (C31H01) -or- Social Media and Analytics (C31H02) -or- <b>Dual Enrollment</b> Marketing Management I (C31H10) -or- <b>Dual Enrollment</b> Marketing Management II (C31H11) -or- <b>SDC</b> Principles of Marketing (C31H27)	Advertising & Public Relations (C31H03) -or- Retail Operations <sup>1</sup> (C31H04) -or- Event Planning & Management (C16H12) -or- <b>Dual Enrollment</b> Marketing Management III (C31H19) -or- <b>Dual Enrollment</b> Marketing Management IV (C31H20)

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management V (C31H37)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management VI (C31H38)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management VII (C31H39)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management VIII (C31H40)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management IX (C31H41)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Marketing Management X (C31H42)</p> <p>-or-</p> <p><b>WBL</b> Marketing Management Career Practicum <sup>2</sup> (C31H28)</p>
<b>Supply Chain Management</b>	Introduction to Business & Marketing (C12H26)	Supply Chain Management I: Principles and Foundations (C31H24)	<p>Supply Chain Management II: Warehousing and Distribution (C31H25)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management I (C31H15)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management II (C31H16)</p>	<p>Supply Chain Management III: Management and Logistics (C31H26)</p> <p>-or-</p> <p>Supply Chain Management Practicum <sup>3</sup> (C31H09)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management III (C31H21)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management IV (C31H22)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management V (C31H43)</p> <p>-or-</p> <p><b>Dual Enrollment</b> Supply Chain Management VI (C31H44)</p> <p>-or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>Dual Enrollment</b> Supply Chain Management VII (C31H45) -or- <b>Dual Enrollment</b> Supply Chain Management VIII (C31H46) -or- <b>Dual Enrollment</b> Supply Chain Management IX (C31H47) -or- <b>Dual Enrollment</b> Supply Chain Management X (C31H48) -or- <b>WBL</b> Supply Chain Management Career Practicum <sup>2</sup> (C31H30)

<sup>1</sup> Satisfies ½ credit of Economics required for graduation.

<sup>2</sup> May be taught for 1, 2, or 3 credits.

<sup>3</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

<sup>4</sup> Satisfies ½ credit of Personal Finance required for graduation.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

**STEM**

Program of Study	Year 1	Year 2	Year 3	Year 4
<p><b>Advanced STEM Applications</b></p>	<p>STEM I: Foundation <sup>1</sup> (C21H15)</p>	<p>STEM II: Applications <sup>1</sup> (C21H16)</p>	<p>STEM III: STEM in Context <sup>1</sup> (C21H17) -or- <b>AP</b> Computer Science Principles <sup>4&amp;5</sup> (G02H44) -or- <b>Dual Enrollment</b> Advanced STEM Applications I (C21H32) -or- <b>Dual Enrollment</b> Advanced STEM Applications II (C21H33)</p>	<p>STEM IV: STEM Practicum <sup>3</sup> (C21H18) -or- <b>AP</b> Calculus AB <sup>5</sup> (G02H24) -or- <b>AP</b> Calculus BC <sup>5</sup> (G02H25) -or- <b>AP</b> Computer Science A <sup>4&amp;5</sup> (G02H45) -or- <b>AP</b> Biology (G03H10) -or- <b>AP</b> Chemistry (G03H16) -or- <b>AP</b> Physics I: Algebra-Based <sup>5</sup> (G03H27) -or- <b>AP</b> Physics II: Algebra-Based <sup>5</sup> (G03H28) -or- <b>AP</b> Physics C: Electricity &amp; Magnetism <sup>5</sup> (G03H24) -or- <b>AP</b> Physics C: Mechanics <sup>5</sup> (G03H29) -or- <b>Dual Enrollment</b> Advanced STEM Applications III (C21H35) -or- <b>Dual Enrollment</b> Advanced STEM Applications IV (C21H36) -or- <b>Dual Enrollment</b> Advanced STEM Applications V (C21H49) -or- <b>Dual Enrollment</b> Advanced STEM Applications VI (C21H50) -or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p><b>Dual Enrollment</b> Advanced STEM Applications VII (C21H51) -or- <b>Dual Enrollment</b> Advanced STEM Applications VIII (C21H52) -or- <b>Dual Enrollment</b> Advanced STEM Applications IX (C21H53) -or- <b>Dual Enrollment</b> Advanced STEM Applications X (C21H54) -or- <b>IB</b> Biology II SL/HL (G03H69) -or- <b>IB</b> Physics II SL (G03H82) -or- <b>WBL</b> Advanced STEM Applications Career Practicum <sup>2</sup> (C21H45)</p>
<p><b>BioSTEM</b></p>	<p>BioSTEM I <sup>1</sup> (C21H07)</p>	<p>BioSTEM II <sup>1</sup> (C21H08) -or- Biology I (G03H03)</p>	<p>BioSTEM III <sup>1</sup> (C21H09) -or- <b>Dual Enrollment</b> BioSTEM I (C21H37) -or- <b>Dual Enrollment</b> BioSTEM II (C21H38)</p>	<p>BioSTEM Practicum (C21H10) -or- <b>Dual Enrollment</b> BioSTEM III (C21H39) -or- <b>Dual Enrollment</b> BioSTEM IV (C21H40) -or- <b>Dual Enrollment</b> BioSTEM V (C21H55) -or- <b>Dual Enrollment</b> BioSTEM VI (C21H56) -or- <b>Dual Enrollment</b> BioSTEM VII (C21H57) -or- <b>Dual Enrollment</b> BioSTEM VIII (C21H58) -or- <b>Dual Enrollment</b> BioSTEM IX (C21H59) -or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>Dual Enrollment</b> BioSTEM X (C21H60) -or- <b>WBL</b> BioSTEM Career Practicum <sup>2</sup> (C21H46)
<b>Engineering</b>	Principles of Engineering & Technology (C21H04)	Engineering Design I <sup>1</sup> (C21H05) -or- <b>IGCSE</b> Design & Technology (C21H03)	Engineering Design II <sup>1</sup> (C21H06) -or- <b>AP</b> Computer Science Principles <sup>4&amp;5</sup> (G02H44) -or- <b>Dual Enrollment</b> Engineering I (C21H00) -or- <b>Dual Enrollment</b> Engineering II (C21H11)	Engineering Practicum <sup>3</sup> (C21H14) -or- <b>AP</b> Physics I: Algebra-Based <sup>5</sup> (G03H27) -or- <b>AP</b> Physics II: Algebra-Based <sup>5</sup> (G03H28) -or- <b>AP</b> Physics C: Electricity & Magnetism <sup>5</sup> (G03H24) -or- <b>AP</b> Physics C: Mechanics <sup>5</sup> (G03H29) -or- <b>AP</b> Computer Science A <sup>4&amp;5</sup> (G02H45) -or- <b>Dual Enrollment</b> Engineering III (C21H41) -or- <b>Dual Enrollment</b> Engineering IV (C21H42) -or- <b>Dual Enrollment</b> Engineering V (C21H61) -or- <b>Dual Enrollment</b> Engineering VI (C21H62) -or- <b>Dual Enrollment</b> Engineering VII (C21H63) -or- <b>Dual Enrollment</b> Engineering VIII (C21H64) -or- <b>Dual Enrollment</b> Engineering IX (C21H65) -or- <b>Dual Enrollment</b> Engineering X (C21H66) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
				<p><b>CIE</b> Design &amp; Technology 1 AS Level (C10H05) -or- <b>IB</b> Physics II SL (G03H82) -or- <b>WBL</b> Engineering Career Practicum <sup>2</sup> (C21H47)</p>
<p><b>Technology</b></p>	<p>Principles of Engineering &amp; Technology (C21H04)</p>	<p>Digital Electronics (C13H07)</p>	<p>Robotics &amp; Automated Systems (C13H15) -or- <b>AP</b> Computer Science Principles <sup>4&amp;5</sup> (G02H44) -or- <b>Dual Enrollment</b> Technology I (C21H01) -or- <b>Dual Enrollment</b> Technology II (C21H12)</p>	<p>Engineering Practicum <sup>3</sup> (C21H14) -or- <b>AP</b> Physics I: Algebra-Based <sup>5</sup> (G03H27) -or- <b>AP</b> Physics II: Algebra-Based <sup>5</sup> (G03H28) -or- <b>AP</b> Physics C: Electricity &amp; Magnetism <sup>5</sup> (G03H24) -or- <b>AP</b> Physics C: Mechanics <sup>5</sup> (G03H29) -or- <b>AP</b> Computer Science A <sup>4&amp;5</sup> (G02H45) -or- <b>Dual Enrollment</b> Technology III (C21H43) -or- <b>Dual Enrollment</b> Technology IV (C21H44) -or- <b>Dual Enrollment</b> Technology V (C21H67) -or- <b>Dual Enrollment</b> Technology VI (C21H68) -or- <b>Dual Enrollment</b> Technology VII (C21H69) -or- <b>Dual Enrollment</b> Technology VIII (C21H70) -or-</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				<b>Dual Enrollment</b> Technology IX (C21H71) -or- <b>Dual Enrollment</b> Technology X (C21H72) -or- <b>IB</b> Physics II SL (G03H82) -or- <b>WBL</b> Technology Career Practicum <sup>2</sup> (C21H48)

<sup>1</sup> Satisfies the third lab science credit required for graduation.

<sup>2</sup> May be taught for 1, 2, or 3 credits.

<sup>3</sup> A student pursuing an Industry 4.0 diploma distinction may substitute their 4th credit of math with this work-based learning course.

<sup>4</sup> May count for the computer science graduation requirement.

<sup>5</sup> Satisfies the fourth math credit required for graduation.

**Available courses for elective credit in this cluster:**

- **Introduction to Geographical Information Systems (GIS)** (C18H39) is a supplemental course that can be offered in addition to courses within these programs of study but does not count toward concentrator status.
- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Transportation

Program of Study	Year 1	Year 2	Year 3	Year 4
<b>Automotive Maintenance and Light Repair</b>	Maintenance & Light Repair I (C20H09)	Maintenance & Light Repair II (C20H10)	Maintenance & Light Repair III (C20H11) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair I (C20H01) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair II (C20H21)	Maintenance & Light Repair IV (C20H12) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair III (C20H22) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair IV (C20H30) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair V (C20H37) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair VI (C20H38) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair VII (C20H39) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair VIII (C20H40) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair IX (C20H41) -or- <b>Dual Enrollment</b> Automotive Maintenance & Light Repair X (C20H42) -or- <b>WBL</b> Automotive Maintenance and Light Repair Career Practicum <sup>1</sup> (C20H34)
<b>Automotive Collision Repair</b>	Introduction to Collision Repair (C20H20)	Collision Repair: Non-Structural (C20H13)	Collision Repair: Painting & Refinishing (C20H14) -or- <b>Dual Enrollment</b> Automotive Collision Repair I (C20H02) -or-	Collision Repair: Damage Analysis, Estimating, and Customer Service (C20H19) -or- <b>Dual Enrollment</b> Automotive Collision Repair III (C20H24) -or-

Program of Study	Year 1	Year 2	Year 3	Year 4
			<p><b>Dual Enrollment</b> Automotive Collision Repair II (C20H23)</p>	<p><b>Dual Enrollment</b> Automotive Collision Repair IV (C20H31) -or- <b>Dual Enrollment</b> Automotive Collision Repair V (C20H43) -or- <b>Dual Enrollment</b> Automotive Collision Repair VI (C20H44) -or- <b>Dual Enrollment</b> Automotive Collision Repair VII (C20H45) -or- <b>Dual Enrollment</b> Automotive Collision Repair VIII (C20H46) -or- <b>Dual Enrollment</b> Automotive Collision Repair IX (C20H47) -or- <b>Dual Enrollment</b> Automotive Collision Repair X (C20H48) -or- <b>WBL</b> Automotive Collision Repair Career Practicum <sup>1</sup> (C20H35)</p>
<p><b>Aviation Flight</b></p>	<p>Introduction to Aerospace (C20H15)</p>	<p>Aviation I: Principles of Flight (C20H16)</p>	<p>Aviation II: Advanced Flight (C20H18) -or- <b>Dual Enrollment</b> Aviation Flight I (C20H03) -or- <b>Dual Enrollment</b> Aviation Flight II (C20H28)</p>	<p>Unmanned Aircraft Systems Pilot (C20H29) -or- <b>Dual Enrollment</b> Aviation Flight III (C20H32) -or- <b>Dual Enrollment</b> Aviation Flight IV (C20H33) -or- <b>Dual Enrollment</b> Aviation Flight V (C20H49) -or- <b>Dual Enrollment</b> Aviation Flight VI (C20H50) -or- <b>Dual Enrollment</b> Aviation Flight VII</p>

Program of Study	Year 1	Year 2	Year 3	Year 4
				(C20H51) -or- <b>Dual Enrollment</b> Aviation Flight VIII (C20H52) -or- <b>Dual Enrollment</b> Aviation Flight IX (C20H53) -or- <b>Dual Enrollment</b> Aviation Flight X (C20H54) -or- <b>WBL</b> Aviation Flight Career Practicum <sup>1</sup> (C20H36)

<sup>1</sup> May be taught for 1, 2, or 3 credits.

**Available courses for elective credit in this cluster:**

- **JAG TN Course I** (C25H20), **JAG TN Course II** (C25H21), **JAG TN Course III** (C25H22), and **JAG TN Course IV** (C25H09) are supplemental courses that can be offered in addition to courses within the programs of study but do not count toward concentrator status.
- **Preparing for the ACT, Postsecondary, and Career** (C25H19) is a supplemental course that can be offered in addition to courses within the programs of study but does not count toward concentrator status.

## Middle School

Career Cluster	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
<b>Advanced Manufacturing</b>	STEM Explorers (C25600) Career Awareness (C25X06)	STEM Innovators (C25701) Career Exploration (C25X07)	STEM Designers (C25801) Career Advising and Planning (C25X08)
<b>Agriculture, Food, &amp; Natural Resources</b>	Career Awareness (C25X06) Exploring Agricultural Education (C18X01)	Introduction to Agricultural Education (C18X02) Career Exploration (C25X07)	Introduction to Agricultural Sciences (C18X00) Career Advising and Planning (C25X08)
<b>Architecture &amp; Construction</b>	STEM Explorers (C25600) Career Awareness (C25X06)	STEM Innovators (C25701) Career Exploration (C25X07)	STEM Designers (C25801) Career Advising and Planning (C25X08)
<b>Arts, Audio/Visual Technology, &amp; Communication</b>	Keyboarding Fundamentals (G25X46) Career Awareness (C25X06)	Keyboarding Fundamentals (G25X46) Career Exploration (C25X07)	Computer Applications (C12X00) Keyboarding Fundamentals (G25X46) Career Advising and Planning (C25X08) Exploring Business & Marketing (C12X01)
<b>Business Management &amp; Administration</b>	Keyboarding Fundamentals (G25X46) Career Awareness (C25X06)	Keyboarding Fundamentals (G25X46) Career Exploration (C25X07) Exploring Business & Marketing (C12X01)	Computer Applications (C12X00) Keyboarding Fundamentals (G25X46) Career Advising and Planning (C25X08)
<b>Education &amp; Training</b>	Introduction to Social Health <sup>1</sup> (C19X00) Career Awareness (C25X06)	Introduction to Social Health <sup>1</sup> (C19X00) Career Exploration (C25X07)	Introduction to Social Health <sup>1</sup> (C19X00) Career Advising and Planning (C25X08)
<b>Finance</b>	Keyboarding Fundamentals (G25X46) Career Awareness (C25X06)	Keyboarding Fundamentals (G25X46) Career Exploration (C25X07)	Computer Applications (C12X00) Keyboarding Fundamentals (G25X46) Career Advising and Planning (C25X08)
<b>Government &amp; Public Administration</b>	Career Awareness (C25X06)	Career Exploration (C25X07)	Career Advising and Planning (C25X08)
<b>Health Science</b>	Career Awareness (C25X06)	Introduction to Health Science (C14X00) Career Exploration (C25X07)	Introduction to Health Science (C14X00) Career Advising and Planning (C25X08)
<b>Hospitality &amp; Tourism</b>	Career Awareness (C25X06)	Career Exploration (C25X07)	Career Advising and Planning (C25X08)
<b>Human Services</b>	Introduction to Social Health <sup>1</sup> (C19X00) Career Awareness (C25X06)	Introduction to Social Health <sup>1</sup> (C19X00) Career Exploration (C25X07)	Introduction to Social Health <sup>1</sup> (C19X00) Career Advising and Planning (C25X08)
<b>Information Technology</b>	Keyboarding Fundamentals (G25X46) STEM Explorers (C25600) Computer Science (G25X40) Career Awareness (C25X06)	Keyboarding Fundamentals (G25X46) STEM Innovators (C25701) Computer Science (G25X40) Computer Science: Flexible Scheduling (G25X41) Career Exploration (C25X07)	Computer Applications (C12X00) Keyboarding Fundamentals (G25X46) STEM Designers (C25801) Career Advising and Planning (C25X08) Computer Science (G25X40) Computer Science: Flexible Scheduling (G25X41)
<b>Law, Public Safety, Corrections, &amp; Security</b>	Career Awareness (C25X06)	Career Exploration (C25X07)	Career Advising and Planning (C25X08)
<b>Marketing, Distribution &amp; Logistics</b>	Keyboarding Fundamentals (G25X46)	Keyboarding Fundamentals (G25X46)	Computer Applications (C12X00)

<b>Career Cluster</b>	<b>6<sup>th</sup> Grade</b>	<b>7<sup>th</sup> Grade</b>	<b>8<sup>th</sup> Grade</b>
	Career Awareness (C25X06)	Career Exploration (C25X07)	Keyboarding Fundamentals (G25X46) Career Advising and Planning (C25X08)
<b>STEM</b>	STEM Explorers (C25600) Career Awareness (C25X06)	STEM Innovators (C25701) Career Exploration (C25X07)	STEM Designers (C25801) Career Advising and Planning (C25X08)
<b>Transportation</b>	STEM Explorers (C25600) Career Awareness (C25X06)	STEM Innovators (C25701) Career Exploration (C25X07)	STEM Designers (C25801) Career Advising and Planning (C25X08)

<sup>1</sup> *Introduction to Social Health* may also be used with 5th-grade students (C19X00).