

# CTE PATHWAYS 2026-27



All pathways require 3 credits with at least 1 concentrator course. \*Denotes complete pathways offered at Brighton. ^Denotes pathway must be completed at CTEC. CE = Concurrent Enrollment

## Engineering & Technology

| ^Engineering               |        |       |
|----------------------------|--------|-------|
| 1 Explorer Course Required | Grades |       |
| Computer Programming 1     | 0.5    | 9-12  |
| Woods 1                    | 0.5    | 9-12  |
| Physics (AP)               | 0.5    | 10-12 |
| Optional Completer Course  |        |       |
| Calculus (AP)              | 0.5    | 11-12 |
| CTE Internship             | 0.5    | 11-12 |

| ^Cybersecurity              |        |       |
|-----------------------------|--------|-------|
| 1 Explorer Course Required  | Grades |       |
| MATH 1050 (CE)              | 0.5    | 11-12 |
| Exploring Computer Science  | 0.5    | 9-12  |
| Computer Science Principles | 0.5    | 9-12  |
| Computer Programming 1      | 0.5    | 9-12  |
| Web Development 1           | 0.5    | 9-12  |
| Optional Completer Course   |        |       |
| CTE Internship              | 0.5    | 11-12 |

| Healthcare                     |        |       |
|--------------------------------|--------|-------|
| ^*Healthcare                   |        |       |
| 1 Explorer Course Required     | Grades |       |
| Health Science Intro           | 0.5    | 9-12  |
| Medical Terminology            | 0.5    | 10-12 |
| Psychology                     | 0.5    | 10-12 |
| 1 Concentrator Course Required |        |       |
| Exercise Sci/Sports Medicine   | 0.5    | 11-12 |
| Medical Anatomy & Physiology   | 1.0    | 10-12 |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |

| ^Information Technology Systems |        |       |
|---------------------------------|--------|-------|
| 1 Explorer Course Required      | Grades |       |
| Computer Programming 1          | 0.5    | 9-12  |
| Exploring Computer Science      | 0.5    | 9-12  |
| Computer Science Principles     | 0.5    | 9-12  |
| Web Development 1               | 0.5    | 9-12  |
| MATH 1050 (CE)                  | 0.5    | 11-12 |
| Optional Completer Course       |        |       |
| CTE Internship                  | 0.5    | 11-12 |

| ^*Programming & Software Dev. |        |       |
|-------------------------------|--------|-------|
| 1 Explorer Course Required    | Grades |       |
| Computer Programming 1        | 0.5    | 9-12  |
| Exploring Computer Science    | 0.5    | 9-12  |
| Computer Science Principles   | 0.5    | 9-12  |
| Web Development 1             | 0.5    | 9-12  |
| MATH 1050 (CE)                | 0.5    | 11-12 |
| Optional Completer Course     |        |       |
| AP Computer Science           | 1      | 10-12 |
| CTE Internship                | 0.5    | 11-12 |

| Criminal Justice                   |        |       |
|------------------------------------|--------|-------|
| ^Protective Services               |        |       |
| 1 Explorer Course Required         | Grades |       |
| Exploring Computer Science         | 0.5    | 9-12  |
| Business Leadership/CTEL 1010 (CE) | 0.5    | 10-12 |
| Health Science Intro               | 0.5    | 10-12 |
| Law Enforcement                    | 0.5    | 9-12  |
| Optional Completer Course          |        |       |
| CTE Internship                     | 0.5    | 11-12 |

## Automotive & Diesel Mechanics

| *Automotive                    |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Automotive, Introduction       | 0.5    | 9-12  |
| Entrepreneurship/MGT 2020 (CE) | 0.5    | 10-12 |
| Small Engine Repair            | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE) | 0.5    | 10-12 |
| 1 Concentrator Course Required |        |       |
| ASE Chasses MLR                | 1      | 10-12 |
| ASE Engine MLR                 | 1      | 10-12 |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |

| ^Diesel                        |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Automotive, Introduction       | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE) | 0.5    | 10-12 |
| Entrepreneurship               | 0.5    | 10-12 |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |

## Family Consumer Sciences

| *Fashion Apparel & Textiles    |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Sewing & Textiles 1            | 0.5    | 9-12  |
| Sports & Outdoor Design 1      | 0.5    | 9-12  |
| Fashion Design Studio          | 0.5    | 10-12 |
| Digital Media 1                | 0.5    | 9-12  |
| 1 Concentrator Course Required |        |       |
| Sewing & Textiles 2            | 0.5    | 9-12  |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |

| *Culinary Arts                 |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Culinary 1                     | 0.5    | 9-12  |
| Food & Nutrition 1             | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE) | 0.5    | 10-12 |
| 1 Concentrator Course Required |        |       |
| Culinary 2                     | 1      | 10-12 |
| Optional Completer Course      |        |       |
| Baking & Pastry                | 0.5    | 10-12 |
| Culinary 3                     | 1      | 10-12 |
| CTE Internship                 | 0.5    | 11-12 |

| *Pre-K: Early Childhood Edu.    |        |       |
|---------------------------------|--------|-------|
| 1 Explorer Course Required      | Grades |       |
| Child Development               | 0.5    | 9-12  |
| Food & Nutrition 1              | 0.5    | 9-12  |
| Business Office Specialist      | 0.5    | 9-12  |
| Entrepreneurship/MGT 2020 (CE)  | 0.5    | 10-12 |
| Early Childhood Edu/Preschool 1 | 0.5    | 10-12 |
| 1 Concentrator Course Required  |        |       |
| Early Childhood Edu/Preschool 2 | 0.5    | 11-12 |
| Optional Completer Course       |        |       |
| Preschool 3/FHS 2600 (CE)       | 0.5    | 11-12 |
| CTE Internship                  | 0.5    | 11-12 |

| *Teaching As A Profession  |        |       |
|----------------------------|--------|-------|
| 1 Explorer Course Required | Grades |       |
| ENGL 1010/2010 CE          | 0.5    | 12    |
| MATH 1030 CE               | 0.5    | 11-12 |
| MATH 1050 CE               | 0.5    | 11-12 |
| EDU 1010 CE                | 0.5    | 11-12 |
| Completer Courses          |        |       |
| EDU 1240                   | 0.5    | 11-12 |
| CTE Internship             | 0.5    | 11-12 |

## Manufacturing & Construction

| ^Construction & Structural Systems |        |       |
|------------------------------------|--------|-------|
| 1 Explorer Course Required         | Grades |       |
| Woods 1                            | 0.5    | 9-12  |
| Interior Design 1                  | 0.5    | 9-12  |
| Entrepreneurship/MGT 2020 (CE)     | 0.5    | 9-12  |
| Optional Completer Course          |        |       |
| CTE Internship                     | 0.5    | 11-12 |

| ^Welding                  |     |       |
|---------------------------|-----|-------|
| Optional Completer Course |     |       |
| CTE Internship            | 0.5 | 11-12 |

## Business, Hospitality, & Digital Media

| *Business                          |        |       |
|------------------------------------|--------|-------|
| 1 Explorer Course Required         | Grades |       |
| Business Office Specialist         | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE)     | 0.5    | 10-12 |
| Entrepreneurship/MGT 2020 (CE)     | 0.5    | 10-12 |
| Business Leadership/CTEL 1010 (CE) | 0.5    | 10-12 |
| Digital Business Apps              | 0.5    | 9-12  |
| Retailing                          | 0.5    | 10-12 |
| Sports & Rec Marketing             | 0.5    | 10-12 |
| Digital Media 1                    | 0.5    | 9-12  |
| Web Development 1                  | 0.5    | 9-12  |
| 1 Concentrator Course Required     |        |       |
| Business Management/BUS 1010(CE)   | 0.5    | 10-12 |
| Optional Completer Course          |        |       |
| CTE Internship                     | 0.5    | 11-12 |

| *Graphic Design & Communications |        |       |
|----------------------------------|--------|-------|
| 1 Explorer Course Required       | Grades |       |
| Commercial Art 1                 | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE)   | 0.5    | 10-12 |
| Commercial Photo 1/ART 1050 (CE) | 0.5    | 10-12 |
| Entrepreneurship/MGT 2020 (CE)   | 0.5    | 10-12 |
| Interior Design 1                | 0.5    | 9-12  |
| Digital Business Apps            | 0.5    | 9-12  |
| Retailing                        | 0.5    | 10-12 |
| Digital Media 1                  | 0.5    | 9-12  |
| 1 Concentrator Course Required   |        |       |
| Commercial Art 2                 | 0.5    | 10-12 |
| Optional Completer Course        |        |       |
| CTE Internship                   | 0.5    | 11-12 |

| ^*Broadcasting & Digital Media |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Web Development 1              | 0.5    | 9-12  |
| Computer Programming 1         | 0.5    | 9-12  |
| Digital Media 1                | 0.5    | 9-12  |
| Video Production 1             | 0.5    | 9-12  |
| 1 Concentrator Course Required |        |       |
| TV Broadcasting                | 0.5    | 9-12  |
| Video Production 2             | 0.5    | 9-12  |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |

| ^Personal Care Services        |        |       |
|--------------------------------|--------|-------|
| 1 Explorer Course Required     | Grades |       |
| Business Office Specialist     | 0.5    | 9-12  |
| Customer Service/ PS 2383 (CE) | 0.5    | 10-12 |
| Entrepreneurship/MGT 2020 (CE) | 0.5    | 10-12 |
| Retailing                      | 0.5    | 11-12 |
| Optional Completer Course      |        |       |
| CTE Internship                 | 0.5    | 11-12 |