

# CTE PATHWAYS 2025-26



All pathways require 3 credits. \*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 | 10-12  |
| Optional Completer Course   |     |        |
| CTE Internship              | 0.5 | 11-12  |

| ^Information Technology Systems |     |        |
|---------------------------------|-----|--------|
| 1 Explorer Course Required      |     | Grades |
| Computer Programming 1          | 0.5 | 10-12  |
| Exploring Computer Science      | 0.5 | 9-12   |
| Computer Science Principles     | 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   |
| MATH 1050 (CE)                | 0.5 | 11-12  |
| Optional Completer Course     |     |        |
| AP Computer Science           | 0.5 | 10-12  |
| CTE Internship                | 0.5 | 11-12  |

## Health Sciences

| *^Health Science               |     |        |
|--------------------------------|-----|--------|
| 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  |

## 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 | 9-12   |
| 1 Concentrator Course Required |     |        |
| ASE Chassis MLR                | 0.5 | 10-12  |
| ASE Engine MLR                 | 0.5 | 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  |

## Business, Hospitality, & Digital Media

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

## Manufacturing

| ^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  |

| Manufacturing & Production |     |        |
|----------------------------|-----|--------|
| 1 Explorer Course Required |     | Grades |
| Woods 1                    | 0.5 | 9-12   |
| Optional Completer Course  |     |        |
| Woods 3                    | 1.0 | 10-12  |
| CTE Internship             | 0.5 | 11-12  |

| ^Welding                  |     |       |
|---------------------------|-----|-------|
| 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  |
| 1 Concentrator Course Required |     |        |
| Sewing & Textiles 2            | 0.5 | 9-12   |
| Sports & Outdoor Design 2      | 0.5 | 9-12   |
| Optional Completer Course      |     |        |
| 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  |
| Preschool 1                    | 0.5 | 10-12  |
| 1 Concentrator Course Required |     |        |
| Preschool 2                    | 0.5 | 11-12  |
| Optional Completer Course      |     |        |
| Preschool 3/FHS 2600 (CE)      | 0.5 | 11-12  |
| 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                     | 0.5 | 10-12  |
| Optional Completer Course      |     |        |
| Baking & Pastry                | 0.5 | 10-12  |
| Culinary 3                     | 0.5 | 10-12  |
| CTE Internship                 | 0.5 | 11-12  |