



## Curriculum Plan 2024-2025

**Program:** Biotechnology

**CTSO Primary:** HOSA

**CTSO Secondary:** FFA

**Pathway:** J0

**WebXam:** 47MC

### Courses Offered

#### Level 1 Curriculum

Semester 1 Principles And Practices Of Biomedical Technology

Semester 2 Biotechnology For Health And Disease

Year Long Animal And Plant Biotechnology

#### Level 2 Curriculum

Semester 1 Genetics Of Disease

Semester 2 Biochemistry Of Health

Year Long Environmental Science For Agriculture And Natural Recourse

#### Level 2-Advanced Placement Curriculum

Semester 2 Health Science Capstone

#### Level 1-CCP Curriculum

Semester 1 Principlas And Practices Of Biomedical Technology

#### Level 2-Pre-Apprenticeship Half Day Curriculum

Semester 1 Biotechnology For Health And Disease

Semester 1 Pre- Apprenticeship

Semester 2 Pre- Apprenticeship

### College Credits Available

| Name  | College                   | Semester Hours Available |
|---|---------------------------|--------------------------|
| CTS001 Safey OSHA 10, Must earn Certification to earn the CTAG and College Credit, CAT 1431 OSHA 10                             | CTAG and Sinclair College | 1                        |
| CTBTC001 Biotechnology Principles, ODE Course 072125 (Biotechnology of Health and Disease) BTN 1110 Biotechnology and Bioethics | CTAG and Sinclair College | 3                        |
| BTN 1201 Biotechnology Careers (CCP)  | Sinclair College          | 2                        |
| ALH 1132 Heartsaver First Aid, CPR, and AED (American Heart Association Heartsaver First Aid, CPR/AED card required)            | Sinclair College          | 1                        |
| BTN 1120 Laboratory Safety & Regulatory Compliance (CCP)  | Sinclair College          | 2                        |

## Credentials Available

| Name   | ODE Points Available |
|--|----------------------|
| City of Englewood Fire Dept - Fire in the Workplace and Fire Extinguisher Training | 0                    |
| OSHA (Occupational Safety and Health Administration) 10-Hour Training              | 1                    |
| RISE Up Customer Service and Sales   | 6                    |
| American Heart Association Heartsaver First Aid, CPR, and AED                      | 1                    |
| Ohio Driver's License  | 1                    |
| Biotechnician Assistant  | 4                    |