



## Curriculum Plan 2025-2026

**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 Principles And Practices Of Biomedical Technology
- Semester 2 Biotechnology For Health And Disease

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

- Semester 1 Genetics Of 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
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
BTN 1201 Biotechnology Careers (CCP)	Sinclair College	2

## Credentials Available

Name	ODE Points Available
City of Englewood Fire Dept - Fire in the Workplace and Fire Extinguisher Training	0
Occupational Safety and Health Administration (OSHA) - 10-Hour Training	1
Ohio State Apprenticeship Council Recognized Pre-Apprenticeship Program Certificate of Completion - Health	12
CPR First Aid	1
Ohio Driver's License (Self Obtained)	1
Biotechnician Assistant Credentialing Exam (BACE)	4