



## 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 Principals 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