Mr. Jonathan Komar
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Classroom 167B
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Student Organization:
Biotech Olympics

BIOTECHNOLOGY

REQUIRED COURSES:

CODE:	DESCRIPTION:
072120	Biochemistry of Health
072125	Biotechnology of Health and Disease

GRADUATION SEALS AVAILABLE:

Industry Recognized Credential Seal
Earn 12 Points worth of IRC's

Technology Seal
Pass two Microsoft Office Certification Exams

Ohio Means Job Readiness Seal
Complete OMJ Readiness Seal Validation Form

Senior Year: (2 Credits)
Periods: Vary by Building

Biotechnology is a one-year course designed to prepare students for a career in Biological Sciences. There is an emphasis placed on developing laboratory and research skills, with more than 50% of class time spent in the lab. Career opportunities with continued education available in Medicine, Microbiology, Biomedical Engineering, Molecular Genetics, Forensics, Pharmaceuticals, Research and Development, Product Design, Marketing, Sales, and BioInformatics.

SCAN PROGRAM VIDEO

WWW.PARMACITYSCHOOLS.ORG/CAREERTECH

BIOTECHNOLOGY

INDUSTRY RECOGNIZED CREDENTIAL (IRC) OPPORTUNITIES:

INDUSTRY CREDENTIAL	VENDOR/PROVIDER	IRC POINTS
Microsoft Office Specialist Word 2019	Certiport	3
Microsoft Office Specialist Excel 2019	Certiport	3
Microsoft Office Specialist PowerPoint 2019	Certiport	3
Microsoft Office Specialist Outlook 2019	Certiport	3
Biotechnician Assistant	Biotility	4

TRANSCRIPTED IN-STATE TRANSFERABLE CREDIT OPPORTUNITIES:

COLLEGE/UNIVERSITY	DEGREE/COURSES	POTENTIAL CREDITS
Cuyahoga Community College	CHEM 1010 Introduction to Inorganic Chemistry	4
Cuyahoga Community College	BIO 1040 The Cell and DNA	3
Cuyahoga Community College	BIO 104L The Cell and DNA Laboratory	1
OHE | CTAG	Biotechnology Principles (072125)	3

ARTICULATION AGREEMENTS:

No Articulations Agreements Available at this Time

BIOTECHNOLOGY

Required Courses:
Ohio Department of Education required courses taught within the career-technical program.

Industry-Recognized Credential (IRC) Opportunities:
Each Ohio Department of Education approved industry-recognized credential has been assessed a point value based on employer demand and other factors to allow students the opportunity to bundle credentials for graduation. Career-technical education credentials primarily reflect education, industry licenses, industry certificates and postsecondary degrees.

Transcripted In-State Transferable Credit/CTAGs:
Alignment between secondary and postsecondary career-technical education content. Earned college credits are transferable to Ohio public institutions of higher education (OHE).

Articulation/Bilateral Agreements and Opportunities:
A partnership between institutions (PCSD and colleges/universities) to recognize credits which will be accepted when a student enrolls into a college or university to pursue a specific degree program.

OHIO HIGHER EDUCATION CREDIT TRANSFER TOOL

CTAG transferable credits are earned through career technical WebXam assessments (See REQUIRED COURSES on the first page) and are alignments between secondary (high school) and postsecondary (e.g., college) institutions.

The postsecondary institution retrieves and verifies data if the students check the box on their WebXam(s) giving consent. Support for acquiring CTAGs varies at postsecondary institutions. Students should notify the postsecondary institutions of their available CTAG transferable credits.

STEP 1: *Pass PCSD Career Tech Program WebXam(s) and ensure the box at the end of the exam is checked allowing Ohio institutions to obtain score(s).*
STEP 2: *Contact postsecondary counselor and inform them of the CTAG transferable credits in the following areas:*

072125 Biotechnology of Health and Disease

STEP 3: *Notify the postsecondary Registrar's office, Tech Prep office, or department chair as applicable.*