



**PROGRAM OF STUDY PATHWAY TEMPLATES 2017–2018**

**COLLEGE:** Sinclair College

**CAREER FIELD:** Health Science

**PATHWAY:** Medical Bioscience

**PROGRAM:** Clinical Laboratory Technology

60 Credit Hours - Associate of Applied Science

CLT.S.AAS

<b>HIGH SCHOOL</b>	<b>Freshman</b>	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	<b>Sophomore</b>	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	<b>Junior</b>	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Chemistry (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech Health Science (1)	Career Tech Health Science (1)	Career Tech Health Science (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Advanced study in Life or Physical Science OR Earth/Space Science (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Health Science (1)	Career Tech Health Science (1)	Career Tech Health Science (1)

Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

A 2.7 cumulative grade point average or greater is required for admission to the program and to begin technical studies. Students have a maximum of three opportunities to successfully complete BIO and MAT courses. Students may withdraw or fail, but must successfully complete the course on or before the third attempt. Students are ineligible for admission to the Clinical Laboratory Technology Program after a third unsuccessful course attempt.

<b>COLLEGE</b>	<b>Program Prerequisites</b>	ALH 1101 Introduction to Healthcare Delivery (2)	• BIO 1121 Human Anatomy & Physiology I (3)					
	<b>1st Semester</b>	• BIO 1222 Human Anatomy & Physiology II (3)	• CHE 1311 College Chemistry I (4)	CHE 1351 Lab for College Chemistry I (0)	CLT 1200 Introduction to Clinical Laboratory (2)	CLT 1203 Lab for Introduction to Clinical Laboratory (0)	• ENG 1101 English Composition I (3)	
	<b>2nd Semester</b>	• ALH 2220 Pathophysiology (3)	• CHE 1321 College Chemistry II (4)	CHE 1361 Lab for College Chemistry II (0)	CLT 2110 Urine & Body Fluid Analysis (2)	CLT 2113 Lab for Urine & Body Fluid Analysis (0)	CLT 2410 Clinical Microbiology/Parasitology (4)	CLT 2413 Lab for Clinical Microbiology/Parasitology (0)
	<b>3rd Semester (Summer)</b>	• BIO 1171 Principles of Biology I (5)						
	<b>4th Semester</b>	CLT 2210 Hematology (4)	CLT 2213 Lab for Hematology (0)	CLT 2310 Clinical Chemistry (3)	CLT 2313 Lab for Clinical Chemistry (0)	CLT 2510 Immunology/Serology/Immunohematology (2)	CLT 2513 Lab for Immunology/Serology/Immunohematology (0)	• PSY 1100 General Psychology (3)
	<b>5th Semester</b>	• COM 2206 Interpersonal Communication (3)	CLT 2810 CLT Practicum (6)	• MAT 1450 Introductory Statistics (4)				

• = Courses guaranteed to transfer to Ohio's public institutions of higher education

Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.

■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.

Required Courses (credit hours)

Recommended Elective Courses

revised 12/5/17

**Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.**