



## Curriculum Framework for Project Lead the Way: Biomedical Sciences Track

**CIP Code:** 26.0102

**Initial Review Date:** 01/10/2025

**Eligibility Dates:** 01/01/2024 through 01/31/2030

**Credit Award:** 9 Credits

### Course Equivalencies:

PLTW Biomedical <sup>1</sup>	Credits	TESU Course Equivalent	Effective Dates	For Staff Use
Principles of Biomedical Sciences	3	BIO-1010	01/01/2024 - 01/31/2030	PLTW.BSCI
Human Body Systems	3	BIO-1020	01/01/2024 - 01/31/2030	PLTW. BSCI
Medical Interventions	3	ELB-1999	01/01/2024 - 01/31/2030	PLTW. BSCI
Biomedical Innovation				
PLTW Capstone				

<sup>1</sup> Student must complete 3 of 5 of these courses.

Note: Students must earn a grade of “B” or higher in Project Lead the Way courses to earn the credits.

## Gaining Access to the Evaluated Credit Award

The following curriculum was evaluated by Thomas Edison State University (TESU) through its Professional Learning Review (PLR) Process to determine college-credit equivalency for the training program.

The current state approved Career and Technical Education (CTE) programs in New Jersey that have been verified to follow this curriculum, and to be eligible to receive TESU credit upon completion can be found on the [Verification Letter](#).

**Question:** How does your CTE program become eligible for this credit award for your students?

**Answer:** To become eligible, and to have your school's name listed on the [Verification Letter](#), please follow these instructions:

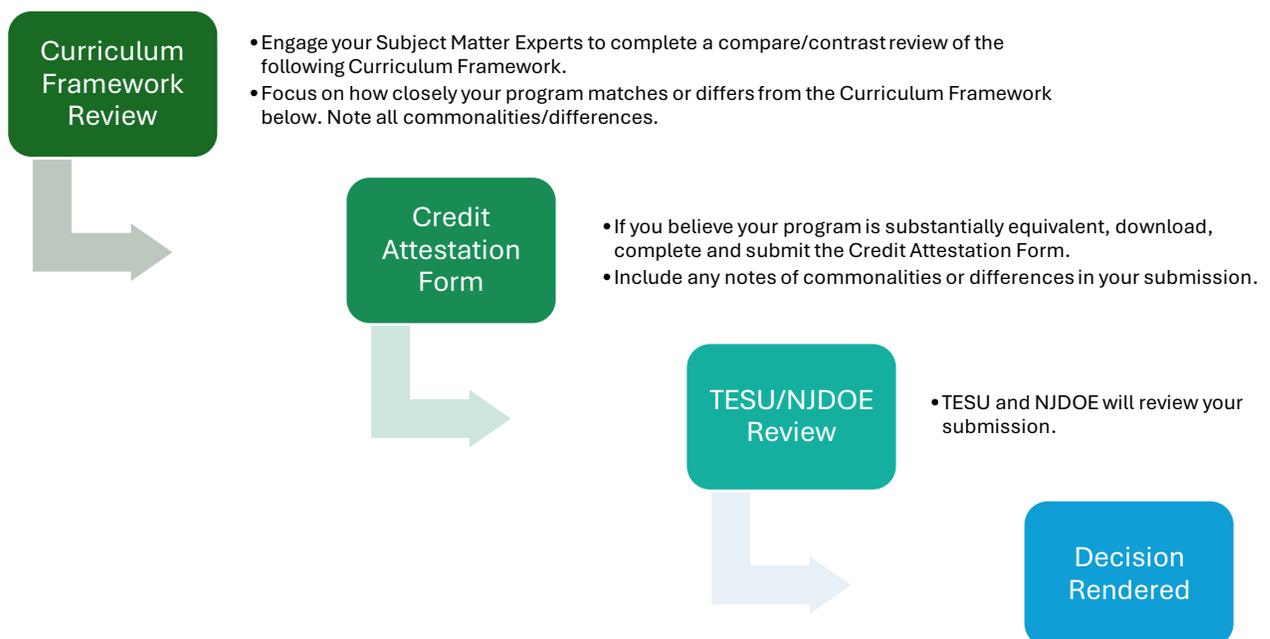
*Step 1.* Review the following Curriculum Framework and compare it against your school's current state approved CTE program. TESU suggests utilizing your school's subject matter experts for this compare/contrast review. The GOAL of your review is to ensure that the training program in place at your school matches the evaluated program.

*Step 2.* Complete/Download the [Credit Attestation Form](#) for this program on TESU's website.

*Step 3.* Complete the [Credit Attestation Form](#) and email it to [plr@tesu.edu](mailto:plr@tesu.edu).

*Step 4.* TESU will review the contents and share the attestation form information with the New Jersey Department of Education (NJDOE) for approval.

*Step 5.* Once approved by TESU and the NJDOE, you will be notified, and an updated Verification Letter will be added to the TESU website for this program.



If you have any questions, or if your compare/contrast review is close but off a little, please contact us at [plr@tesu.edu](mailto:plr@tesu.edu).

# Curriculum Framework

**Approved Program Name:** Project Lead the Way Biomedical Science Track

**CIP Code:** 26.0102

**Credit Award:** 9 Credits

## Course Equivalencies:

PLTW Biomedical <sup>1</sup>	Credits	TESU Course Equivalent	Effective Dates	For Staff Use
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Biomedical Innovation				
PLTW Capstone				

<sup>1</sup> Student must complete 3 of 5 of these courses.

Note: Students must earn a grade of “B” or higher in Project Lead the Way courses to earn the credits.

## PLTW Information:

Project Lead the Way is a nonprofit organization that provides a transformative learning experience for PreK-12 students and teachers across the U.S. PLTW empowers students to develop and apply in-demand, transportable skills by exploring real-world challenges. Through their pathways in computer science, engineering, and biomedical science, students not only learn technical skills, but also learn to solve problems, think critically and creatively, communicate, and collaborate.

PLTW classes are nationally standardized, project-based courses that prepare students for college-level work and culminate with a student assessment, which colleges and universities can use to determine if a student earns college credit: Course Substitution Credit, Advanced Standing Credit, Partial Course Credit, Bridge Courses, or Test-Out/Challenge Exam.

## Biomedical Science Track:

The Biomedical Science Track as reviewed by TESU includes the following PLTW Courses:

1. Principles of Biomedical Sciences
2. Human Body Systems
3. Medical Interventions
4. Biomedical Innovation
5. PLTW Capstone

TESU is aware that different schools may use course titles that differ from the PLTW course titles. This is acceptable as long as the course is materially the same. When students submit their transcripts for credit, TESU will ask for alternate course titles in order to ensure that the appropriate credits are awarded.

Please also note that students must earn a grade “B” or higher in each PLTW course to receive credit.

## End of Curriculum Framework

### *Suggested Degree Programs at TESU*

- [Bachelor of Arts \(B.A.\) in Biology](#)
- [Bachelor of Science \(B.S.\) in Biomedical Electronics](#)

For more information, please contact Thomas Edison State University's Professional Learning Review Office via email at [plr@tesu.edu](mailto:plr@tesu.edu).