

# Biotechnology Endorsement Application



This endorsement connects to a SECONDARY or CTE license area of concentration only.

Full Name:

E-mail Address:

Address:

City, State, Zip:

Home Number:

Mobile Number:

Cactus ID:

Do you have a current teaching assignment?

Yes No

If Yes

LEA of Assignment:

School of Assignment:

The Biotechnology endorsement authorizes the instructor to teach:  
BIOTECHNOLOGY AND MEDICAL TECHNOLOGY.

## Associate Level Endorsement Requirements

EDUCATOR MUST COMPLETE ONE OF THE FOLLOWING REQUIREMENTS  
BEFORE applying you MUST qualify in one of these areas.

### Transcripts

By clicking this box, I acknowledge that my transcripts have been sent to transcripts@schools.utah.gov (or are already on file) in order to process my endorsement application. Failure to provide my transcripts will result in my application being denied.

OPTION A - Hold a bachelor's degree or higher from a regionally accredited college or university with a major or minor in a biologic science.

Degree

Institution

Date

OPTION B - Hold an approved bachelor's degree from a regionally accredited college or university in science, allied health, nursing or other related area AND have completed Biotechnology 1010 or equivalent AND completed TWO (2) of the following competencies:

Required: Biotechnology 1010 course or equivalent.

University:

Course:

Grade:

Date:

### Biochemistry Course

a. 3.0 Credits in Biochemistry - must pass with a C or higher grade.

University:

Course:

Grade:

Date:

b. Other Evidence – must be approved by the USBE Health Science Specialist and documentation provided.

### Microbiology Course

a. 3.0 Credits in Microbiology - must pass with a C or higher grade.

University:

Course:

Grade:

Date:

b. Other Evidence – must be approved by the USBE Health Science Specialist and documentation provided.

Endorsements may attach to a license area of concentration. Content endorsements may attach to Elementary Education and Secondary Education. If attached to Elementary Education, the educator is qualified to teach 7th and 8th grade in a middle school. To be eligible for an endorsement area, you must already have a current Utah Educator License.

ADA Compliant: September 2023

DNA Techniques

a. DNA Techniques course or equivalent - must pass with a C or higher grade.

University: \_\_\_\_\_ Course: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

b. Other Evidence – must be approved by the USBE Health Science Specialist and documentation provided.

Lab Safety

a. Lab Safety course - must pass with a C or higher grade.

University: \_\_\_\_\_ Course: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

b. Other Evidence – must be approved by the USBE Health Science Specialist and documentation provided.

Chromatography

a. Chromatography course - must pass with a C or higher grade.

University: \_\_\_\_\_ Course: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

b. Other Evidence – must be approved by the USBE Health Science Specialist and documentation provided.

OPTION C- Successfully pass the NOCTI #5189 Biotechnology exam

Written (must score 62.1 or higher)  
Performance (must score 87.9 or higher)

Applicant's Signature

**Professional Level Endorsement Requirements**

Educator must complete all of the following requirements

1. Complete the requirements for the Associate level endorsement. Date
2. Complete the USBE's online CTE Orientation course OR have 5 consecutive years of teaching experience in Utah CTE within the last 10 years verified by the endorsement specialist. Date  
IT IS HIGHLY RECOMMENDED THIS COURSE IS COMPLETED WITHIN THE FIRST YEAR.
3. Complete the Health Science New Teacher Training. Date
4. Demonstrate to the satisfaction of the USBE's CTE Specialist that you have both the necessary knowledge and skills to effectively teach students all of the competencies outlined in the strands & standards for the courses authorized by this endorsement.

Applicant's Signature