

TECHNOLOGY EDUCATION (PTCP)

UG-PBC-ED TED

Career and Technical Education Department Postbaccalaureate Teacher Certification Program (HEGIS 0839.01)

National Council for Accreditation of Teacher Education
(NCATE) Accredited
Bacon 122
(716) 878-4717
cte.buffalostate.edu/ (<http://cte.buffalostate.edu/>)

Enrollment in all teacher education programs follows the guidelines for "Admission to Teacher Education Programs (<http://ecatalog.buffalostate.edu/graduate/admission-graduate-program/admission-all-education-programs/>)" found in this catalog. Applicants who do not yet meet all admissions criteria should consult with the department.

This program is designed for students who have earned a baccalaureate degree in a technology-related field from an accredited college or university and intend to complete coursework required for New York State certification to teach technology. It generally takes at least three semesters for a person with a degree in engineering or architecture to complete this program.

The professional semester, also known as student teaching, is completed with two seven-week rotations: one in a middle school and one in a high school. Students are assigned to specific schools based on their qualifications; however, each student must complete one rotation in a school with a racially diverse population.

In addition to academic requirements, students who are enrolled in teacher education programs leading to Initial Certification or Initial/Professional certification are required to complete all seminars specifically required by New York State for program completion and graduation, including School Violence Prevention and Intervention (SAVE); Identification and Reporting of Child Abuse and Maltreatment; Alcohol and Other Drug Avoidance; Fire and Arson Safety; HIV and the Classroom; and Harassment, Bullying, Cyberbullying, and Discrimination in Schools: Prevention and Intervention (DASA Training). These seminar requirements are subject to change.

Admission Requirements

1. A bachelor's degree from an accredited college or university.
2. Completion of 36 credit hours of coursework in technology or a technologically-related area, such as engineering,

architecture, engineering technology, electrical technology, or industrial technology.

3. Evidence of coursework or professional experience from among the following areas: biotechnical systems, communication systems, structural systems, production systems, and transportation systems.

Program Requirements

Code	Title	Credit Hours
Technology Education Requirements (6 credit hours)		
CTE 301	FOUNDATIONS OF CAREER AND TECHNICAL EDUCATION	3
CTE 404	METHODS OF TEACHING CAREER AND TECHNICAL SUBJECTS	3
Other Education Requirements (15 credit hours)		
CTE 302	CURRICULUM AND EVALUATION IN CAREER AND TECHNICAL EDUCATION	3
CTE 402	ASSESSMENT IN CAREER AND TECHNICAL EDUCATION	3
SPF 303	EDUCATIONAL PSYCHOLOGY: MIDDLE AND SECONDARY EDUCATION	3
EDU 416	TEACHING LITERACY IN MIDDLE AND SECONDARY SCHOOLS	3
CTE 421/ EXE 372	CAREER AND TECHNICAL EDUCATION FOR STUDENTS WITH SPECIAL NEEDS	3
Professional Semesters (12 credit hours)		
TED 450	STUDENT TEACHING IN TECHNOLOGY EDUCATION	6
TED 451	STUDENT TEACHING IN TECHNOLOGY EDUCATION II	6
Total Credit Hours		33

Other Program Requirements

In addition to the required coursework, students must complete:

1. New York State Certification Exams: LAST, ATS-W, and CST. Registration materials for these exams may be obtained from the Teacher Certification Office, Chase Hall 222.
2. Seminars:

- a. S.A.V.E. (School Anti-Violence Education) workshop
- b. Child abuse identification workshops
- c. Drug and alcohol awareness seminar
- d. Fire and arson safety seminar