



DISCOVER YOUR PASSION

With one of SUNY Erie's 28 unique certificate programs you can jump-start a new career or advance the one you have in as little as one year.

Get the education and hands-on training you need for some of Western New York's hottest and fastest growing career fields. From creative pursuits like Baking and Pastry Arts, Web Design, and Building Trades/Residential Light Commercial to the latest high-tech fields like CNC Precision Machining, Biomanufacturing, and Green Building Technology, SUNY Erie offers something for every student.

Take the first step toward a new future and enroll in one of our certificate programs today.

CITY CAMPUS

Student Support Center
Room O102A

Mon: 8 a.m. – 6 p.m.
Tue-Fri: 8 a.m. – 4 p.m.

NORTH CAMPUS

S Building, room 206

Mon, Wed-Fri: 8 a.m. – 4 p.m.
Tue: 8 a.m. – 6 p.m.

SOUTH CAMPUS

Building 5, room 5200

Mon-Tue: 8 a.m. – 4 p.m.
Wed: 8 a.m. – 6 p.m.
Thu-Fri: 8 a.m. – 4 p.m.

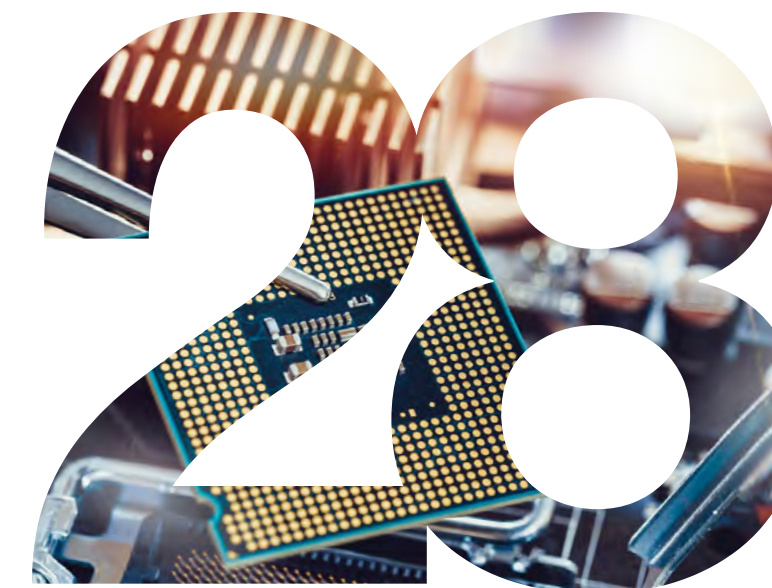
716.851.1322

admissions@ecc.edu




BEGIN YOUR JOURNEY

For more information visit:
ecc.edu/admissions



28

CERTIFICATE PROGRAMS



IN AS
LITTLE AS
ONE YEAR



ADVANCE YOUR CAREER

As the region's leader in workforce development, SUNY Erie Community College is committed to providing you with a career-focused, affordable education. We offer flexible options that enable our students to successfully pursue their goals while balancing the commitments of everyday life, including full- and part-time instruction, online, day, evening, and weekend classes at three convenient campuses throughout the area.



SUNY ERIE
State University of New York

BUSINESS AND HOSPITALITY



Accounting Technician **C**

This certificate is designed to fulfill a need in public and private (profit and non-profit) institutions for employees competent at the entry-level in a wide array of computer-driven accounting skills.

Total credits: **30.0**



Entrepreneurship **C**

Take your great business idea and watch it transform into reality. In addition to honing your computer and writing skills, this program focuses on developing the skills needed to formulate a business plan, keep books, and design a marketing plan.

Total credits: **30.0 - 31.0**



Catering and Event Planning **C**

While many of the courses satisfy the requirements for running a business, the purpose of the program is to provide a reinforcement of culinary skills that will aid the participant in the pursuit of owning a small culinary based event business.

Total credits: **34.0**



Food Preparation and Safety **C**

Food Preparation and Safety is a certificate program designed to prepare the student with the necessary skills to be hired in an entry-level position in the restaurant industry. Basic knife, prepping, baking and sanitation skills will be taught.

Total credits: **30.0**



Baking and Pastry Arts **C N**

Retail and in-store baking is a growing part of the food service and hospitality industry. Explore your creative side and acquire the culinary skills to be hired in a supermarket or retail bakery, as well as assist a pastry chef in a hotel, restaurant or club.

Total credits: **32.0**

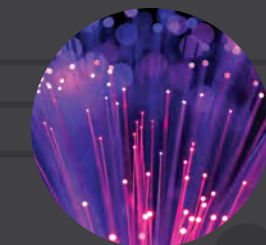


Brewing Science and Service **C**

Breweries, microbrewing, and brewpubs are everywhere these days and they are hiring. Gain hands-on training along with theoretical courses to enhance your knowledge in the mechanics and science behind this rapidly growing industry.

Total credits: **31.0**

COMPUTERS, ENGINEERING AND TECHNOLOGY



Network Support Technology **S**

With the increasing presence of digital communications and the world growing evermore interconnected there is a need for highly skilled network techs to maintain and operate these essential information delivery systems.

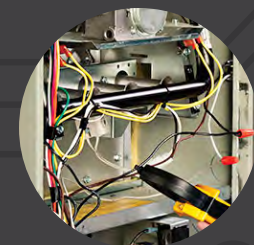
Total credits: **24.0**



Web Page Design **S**

Let courses in graphic design and the language of visual communication stimulate your creative side while also attaining the formal training in essential industry standard programs for employment in this exciting field.

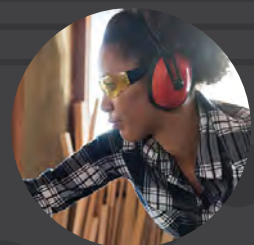
Total credits: **30.5 - 35.0**



Heating, Ventilation, Air Conditioning and Refrigeration **N**

Hands-on training and classroom discussion give you the skills and technical expertise needed to provide year-round temperature control and comfort.

Total credits: **31.0**



Building Trades/ Residential Light Commercial **C**

Featuring both classroom learning and on-site lab experiences, this hands-on program focuses on techniques of renovation such as contracting, project management, blueprints, electrical systems and carpentry.

Total credits: **33.0**



Green Building Technology **C**

Join the movement toward a brighter, cleaner future by learning the latest in green construction technologies, environmental design, material reuse and energy efficiency. All courses are based on the principles of LEED Green Building standards.

Total credits: **31.0**

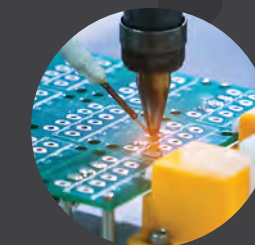


Energy Utility Technology **N**

Fill a critical need for qualified entry-level workers in the energy utility industry. Opportunities exist for overhead and underground line workers, meter workers, field service technicians, and sub-station maintenance workers.

Total credits: **31.5**

HIGH-TECH FIELDS



CNC Precision Machining **N**

The sophisticated and high-paying field of precision metalworking is a growing local field, and careers in such specialties as mold-making, die-making, machine repair and computer controlled machining are in demand.

Total credits: **24.0**



Mechatronics **N**

Mechatronics is a new and emerging career that trains technicians with multi-craft skills and applies them within a manufacturing environment. This program leads to additional pathways for degrees in mechanical engineering, electrical engineering, and industrial technology.

Total credits: **32.0**



Casino Gaming Repair Technician **S**

Gain the education and training needed to become a highly skilled technician who will service the complex electronic equipment of the gaming industry and repair and maintain casino gaming machines.

Total credits: **25.0**

Certificates offered at these campuses:
C City Campus (Downtown Buffalo) **N** North Campus (Williamsville)
S South Campus (Orchard Park) **i** Online

SCIENCE AND MEDICAL



Biotechnological Science **N**

Focused on a growing industry in need of highly skilled individuals, the program allows students to acquire knowledge of basic biomufacturing principles and the lab skills necessary for entry-level jobs in this high-tech field.

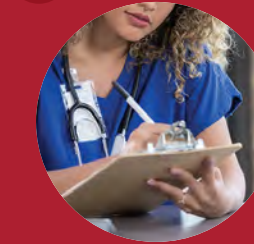
Total credits: **32.0**



Dental Assisting **N**

Become a New York State license-certified dental assistant and vital member of the dental healthcare team. Coursework includes training in biomedical sciences, dental sciences, clinical and laboratory procedures, and practice administration.

Total credits: **31.5**



Medical Office Practice **N**

Prepare for employment in physicians' private offices or group practices, hospital offices, medical records services and clinics with a core program in the basic scientific fundamentals of the medical profession.

Total credits: **28.0 - 30.0**

COMMUNITY AND HUMAN SERVICES



Police Basic Training **N**

Get a jump on your career in law enforcement with this intensive training program designed to provide you with the opportunity to complete many aspects of basic police training before being appointed as a police officer in New York.

Total credits: **30.0**



Crime Scene Technology **N**

Focusing on the collection of evidence, crime scene photography, and the processing of fingerprints, this program caters to students who may not be interested in becoming police officers, but want to solve crimes through forensics.

Total credits: **31.0**



MAKING AN IMPACT



Corrections Officer **N**

The Corrections Officer Certificate is designed to meet the needs of individuals interested in pursuing a career in corrections, emphasizing correctional theory, law and procedures, as well as applied social and behavioral sciences.

Total credits: **31.0**



Homeland Security **N**

Delve into coursework that explores the complex issues relating to homeland security, and the security and administrative challenges law enforcement face when tasked with keeping our country safe.

Total credits: **30.0**



Community Public Health Worker **N**

The program structure builds upon an understanding of public health, social & behavioral influences on community health care needs and global health care approaches for serving diverse populations.

Total credits: **33.0**



Emergency Medical Services Provider **N S**

Serve your community and provide essential medical care to those in need. With training for both career and volunteer providers, learn how to respond to medical emergencies and provide pre-hospital treatment to the ill or injured.

Total credits: **29.0**



Emergency Medical Technology - Paramedic **N**

Designed with both the career and volunteer provider in mind, this intensive program prepares you to become certified as a paramedic and save lives with the delivery of pre-hospital advanced life support.

Total credits: **39.5**



Early Childhood Studies **N**

The coursework provides a strong foundation in early childhood including a clear understanding of child development and ways to implement culturally sensitive appropriate practice to meet the needs of the diverse cultures within our communities.

Total credits: **26.0 - 27.0**



Teaching Assistant **C**

Designed to meet all federal and state requirements for New York school districts, this flexible program appeals to both those seeking a new career in education or those already employed but looking to upgrade their professional credentials.

Total credits: **24.0 - 26.0**



Human Services **C N S**

Learn a variety of theoretical, as well as practical, human service skills and concepts for employment in entry-level staff positions at human service agencies serving children, adolescents, the elderly and families.

Total credits: **27.0**



IN-DEMAND EMPLOYMENT