



GET IT ALL
at ECTS

Technical
Academic &
Employability Skills



19
CAREER
MAJORS
TUITION-FREE!

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.org](http://www.ects.org)

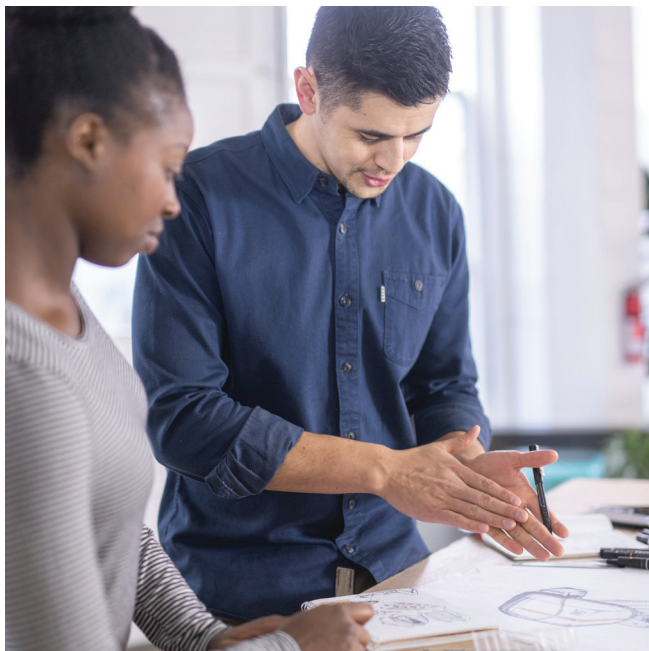
PREPARING STUDENTS FOR LIFE

Erie County Technical School offers a wide variety of career majors while preparing students for life by focusing on:

LIFELONG LEARNING LEADERSHIP LIFE READINESS

Students will leave ECTS with an education for a specific career along with a high skill level and the ability to tackle and achieve their goals whether continuing their education or entering the workforce.

ART & DESIGN FOR BUSINESS



- Conceive and design a wide-range of business focused print materials.
- Express artistic talent through dynamic drawing, painting, and computer generated design.
- Assemble client-ready designs and projects in a professional portfolio.
CIP Code 50.0402

Career Focus

Prepared for college in multimedia and design and immediate employment.

COLLEGE CREDIT | INTERNSHIPS | SCHOLARSHIPS

AUTOMOTIVE BODY REPAIR



- Assess, estimate, repair, and replace the body and interior of vehicles.
- Design, paint, and refinish vehicle surfaces using modern welding, sanding, masking, and painting procedures.
- Design and create customized paint jobs.
CIP Code 47.0603

Career Focus

Prepared for immediate employment, advanced certifications, and further education.

S/P2 CERTIFICATION | CO-OP | COLLEGE CREDIT

AUTOMOTIVE TECHNOLOGY

- Diagnose, maintain, and repair a wide-range of vehicles.
- Work side-by-side with automotive professionals as you become certified to conduct Pennsylvania vehicle safety and emissions inspections.
- Use the same advanced computerized diagnostic and repair equipment as master technicians to troubleshoot complex automotive systems.

CIP Code 47.0604

Career Focus

Prepared for immediate employment, advanced certifications, and further education.



CERTIFICATIONS | CO-OP | COLLEGE CREDIT

COMPUTER NETWORKING

- Design, install, and troubleshoot complex computer and audio/visual network systems.
- Build, upgrade, and repair computers and peripherals.
- Configure software security programs that protect computers and networks.

CIP Code 11.0901

Career Focus

Prepared for further education, advanced certifications, and immediate employment as an IT professional.



COLLEGE CREDIT | CERTIFICATIONS | INTERNSHIPS

COMPUTER PROGRAMMING

- Design programming solutions to business information challenges.
- Use a wide-range of unique software development languages to manipulate and present data.
- Write and edit interactive web based applications.

CIP Code 11.0201

Career Focus

Prepared for college in software development or management information systems.



COLLEGE CREDIT | INTERNSHIPS | CERTIFICATIONS

CONSTRUCTION TRADES

- Create, build, and finish many unique structures.
- Work independently and in teams in all aspects of the construction process from laying foundations, to framing, and roofing.
- Operate power tools used by professional builders.

CIP Code 46.0201

Career Focus

Prepared for immediate employment, apprenticeships, and further education.



CERTIFICATIONS | CO-OP | EARLY PLACEMENT

COSMETOLOGY



- Experience a full-service, interactive salon environment.
 - Use creativity to provide a wide-range of hair, nail, and skincare services.
 - Work with a professional cosmetologist using advanced techniques.
- CIP Code 12.0401

Career Focus

Prepared for state board licensing exam, immediate employment, and further education.

TUITION FREE | CERTIFICATIONS | ENTREPRENEURSHIP

CULINARY, BAKING & PASTRY ARTS

- Create gourmet foods, cakes, and pastries with artistic presentation.
 - Plan, prepare, and serve meals for upscale events and casual dining.
 - Work side-by-side with professional chefs in restaurant and large scale food service operations.
- CIP Code 12.0508

Career Focus

Prepared for professional culinary programs, immediate employment, and further education.



CERTIFICATIONS | COLLEGE CREDIT | CO-OP

DRAFTING & DESIGN ENGINEERING



- Experience the same design and drafting technologies as engineering and architectural professionals.
 - Visualize, design, and construct 3D mechanical and residential models.
 - Investigate and apply effective space-planning techniques in design and construction.
- CIP Code 15.1301

Career Focus

Prepared for further education in engineering and architecture.

ADDA ACCREDITED | INTERNSHIPS | SCHOLARSHIPS

EARLY CHILDHOOD EDUCATION

- Create, research, and provide for children developmentally appropriate preschool materials.
 - Work with children in the Tech Tikes Preschool
 - Prepare young children to enter kindergarten.
- CIP Code 19.0708

Career Focus

Prepared for college in a teaching career, advanced certifications, and immediate employment.

Experience the best of both worlds!

Participate in your home high school activities while learning skills for a lifetime.



CERTIFICATIONS | COLLEGE CREDIT | CO-OP

ELECTRICAL ENGINEERING TECHNOLOGY



- Design and install commercial and residential electrical wiring for power control systems from rough-in to finish.
- Maintain facility electrical systems
- Troubleshoot analog and digital circuits for safe and efficient operation.

CIP Code 46.0399

Career Focus

Prepared for immediate employment with an electrical contractor, apprenticeship, and further education.

CERTIFICATIONS | COLLEGE CREDIT | CO-OP

EMERGENCY & PROTECTIVE SERVICES

- Explore a full-range of professions related to Homeland Security, Law Enforcement and Criminal Justice, Firefighting and Emergency Response.
- Apply concepts, processes, and standard procedures in civil service occupations related to being a first responder.
- Learn how to provide the best care, welfare, safety, and security.
CIP Code 43.9999

Career Focus

Prepared for immediate employment, advanced certifications, and further education.



COLLEGE CREDIT | INTERNSHIPS | CERTIFICATIONS

FACILITY MAINTENANCE TECHNOLOGY



- Provide ongoing equipment and building system maintenance for commercial and industrial facilities.
- Interpret schematics, diagrams, and blueprints to build and troubleshoot plumbing, electrical, and HVAC systems.
- Use the same professional grade power tools and test equipment as skilled trade craftsman.

CIP Code 46.0401

Career Focus

Prepared for immediate employment, apprenticeship, advanced certifications, and further education.

CERTIFICATIONS | EARLY CO-OP PLACEMENT

GRAPHIC MEDIA & DESIGN

- Imagine, design, and produce a wide-range of print materials for customers in the business community.
- Use the same software, technology, and techniques as professional graphic production companies.
- Work with wide-format printers, off-set printing presses, and bindery equipment.

CIP Code 10.0399

Career Focus

Prepared for further education and immediate employment.



CERTIFICATIONS | COLLEGE CREDIT | CO-OP

HEALTH ASSISTANT



- Explore a full-range of medical professions.
 - Apply health care concepts, processes, and diagnostic procedures in a simulated clinical environment.
 - Practice professional work ethic and quality patient care.
- CIP Code 51.0899

Career Focus

Prepared for college medical programs and immediate employment.

COLLEGE CREDIT | INTERNSHIPS | CERTIFICATIONS

HOSPITALITY MANAGEMENT & TOURISM

- Serve as a team member in a prominent hotel and conference center.
- Work with hospitality professionals to provide high-quality customer service.
- Experience a wide-range of careers within the growing hospitality industry.

CIP Code 52.1905

Career Focus

Prepared for college in hospitality management and immediate employment.

Learn to Earn!

Move beyond the classroom to internships and worksite learning experiences.



CERTIFICATIONS | COLLEGE CREDIT | INTERNSHIPS

METAL FABRICATION TECHNOLOGY



- Bend, cut, drill, join, punch, and manipulate many types of metal.
- Use advanced fabrication equipment and welding techniques to build, assemble, and repair metal components.
- Design layout patterns, interpret blueprints, and adhere to engineering specifications.

CIP Code 48.0508

Career Focus

Prepared for immediate employment, apprenticeship, advanced certifications, and further education.

AWS CERTIFICATION | COLLEGE CREDIT | CO-OP

PRECISION MACHINING TECHNOLOGY

- Design and machine metal and plastic tools and components for a wide-range of global products.
- Use precision measuring devices to ensure accuracy within a surprising .0001 of an inch.
- Use various types of computer and manually controlled equipment
CIP Code 48.0501

Career Focus

Prepared for immediate employment and college in manufacturing and engineering.



NIMS CERTIFICATES | COLLEGE CREDIT | EARLY PLACEMENT

SPORTS THERAPY & EXERCISE SCIENCE



- Explore a full range of rehabilitation career opportunities.
- Implement health techniques focusing on human development, strength and conditioning, and emergency care.
- Develop skills in diagnosis, evaluation, injury prevention, and rehabilitation.
CIP Code 51.2604

Career Focus

Prepared for college medical programs and immediate employment.

CO-OP | INTERNSHIPS | COLLEGE CREDIT

Ready to apply?
Applications are available
at your high school Guidance Office
and at ECTS.

High School Partners

Fairview	Millcreek
Fort LeBoeuf	North East
Girard	Northwestern
General McLane	Union City
Harbor Creek	Wattsburg
Iroquois	



Admissions
814.464.8684
High school office
814.464.8600



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