

Technical Academic & Employability Skills













www.









## 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.



### Q. How many career majors are offered at ECTS?

**A.** 17 three-year career majors are available in some of today's hottest fields. The following pages will provide greater explanation.

#### Q. When do students attend ECTS?

**A.** Students attend ECTS beginning in their sophomore year and spend half of the school day at ECTS. Depending on grade level, classes run from 8:00-10:45 a.m. and from 12-2:45 p.m. The remainder of the day will be spent at the sending school taking academic classes.

#### Q. How much does it cost to attend ECTS?

A. Zero! ECTS is TUITION FREE!

#### Q. How do students get to ECTS?

A. Each sending school district is responsible for busing students.

#### Q. Does ECTS offer anything else?

**A.** ECTS prepares students for Lifelong Learning, Leadership, and Life Readiness by providing a variety of classes in professional skills which promote communication, teamwork, problem-solving, and the importance of strong work ethic.

ECTS students are prepared to continue their education or enter the workforce with a specific set of skills to begin building a promising career!

## ART AND 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.

#### Career Focus

Prepared for college in multimedia and design and immediate employment.

#### Work with the best!

Experience nationally recognized curriculum taught by industry experts using advanced technology and equipment.



COLLEGE CREDIT | INTERNSHIPS | SCHOLARSHIPS

## **AUTO 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.

#### Career Focus

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

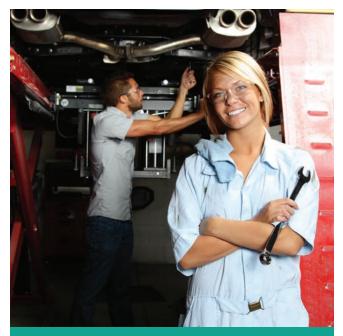
S/P2 CERTIFICATION | CO-OP | COLLEGE CREDIT

## AUTOMOTIVE TECHNOLOGY

- Diagnose, maintain, and repair a widerange 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.

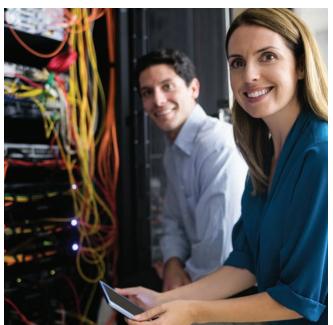


Prepared for immediate employment, advanced certifications, and further education.



NATEF ACCREDITED | APPRENTICESHIPS | COLLEGE CREDIT

## COMPUTER NETWORKING



education, advanced

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

**Career Focus** 

 Design, install, and troubleshoot complex computer and audio/ visual network systems.

 Build, upgrade, and repair computers and

 Configure software security programs that protect computers and

peripherals.

networks.

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 source code and applets in interactive web based applications such as HTML and Java.

#### Career Focus

Prepared for college in software development or management information systems.

#### Learn to Earn!

Move beyond the classroom to internships and worksite earning experiences.



## **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.

Prepared for immediate employment, apprenticeships, and further education.

CERTIFICATIONS | CO-OP | EARLY PLACEMENT

## **COSMETOLOGY**

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

#### Career Focus

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

# Experience the best of both worlds!

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



TUITION FREE | CO-OP | ENTREPRENEURSHIP

## **CULINARY 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.

#### **Career Focus**

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

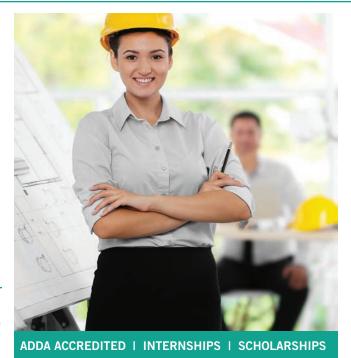
ACFEF ACCREDITED | COLLEGE CREDIT | INTERNSHIPS

## DRAFTING & DESIGN

- 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 spaceplanning techniques in design and construction.

#### Career Focus

Prepared for further education in engineering and architecture.



## EARLY CHILDHOOD EDUCATION



- Create, research, and provide for children developmentally appropriate preschool materials.
- Operate a nationally certified preschool.
- Prepare young children to enter kindergarten.

#### Career Focus

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

NAEYC ACCREDITED | COLLEGE CREDIT | CO-OP

## ELECTRICAL ENGINEERING

- Design and install commercial and residential electrical wiring for power control systems from rough-in to finish.
- Turn engineering diagrams into efficient hydraulic and pneumatic operating systems.
- Troubleshoot analog and digital circuits for safe and efficient operation.

#### Career Focus

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



CERTIFICATIONS | COLLEGE CREDIT | CO-OP

## FACILITY MAINTENANCE TECHNOLOGIES



- 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.

#### Career Focus

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

CERTIFICATIONS | EARLY CO-OP PLACEMENT

## GRAPHIC COMMUNICATION

- 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.

#### **Career Focus**

Prepared for further education and immediate employment.



PRINTED/GAERF ACCREDITED | 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.

#### Career Focus

Prepared for college medical programs and immediate employment.

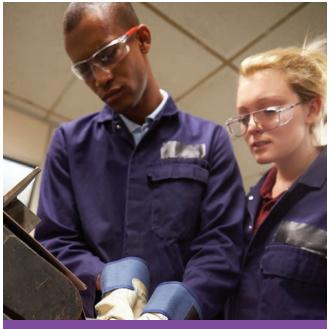
COLLEGE CREDIT | INTERNSHIPS | CERTIFICATIONS

## METAL FABRICATION

- 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.

#### Career Focus

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



AWS CERTIFICATION | COLLEGE CREDIT | CO-OP

## PRECISION MACHINING



- 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.
- Work with the same equipment and techniques as industry leaders.

#### Career Focus

Prepared for immediate employment and college in manufacturing and engineering.

NIMS CERTIFICATES | COLLEGE CREDIT | EARLY PLACEMENT

## TOURISM & HOSPITALITY MANAGEMENT

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

#### **Career Focus**

Prepared for college in hospitality management and immediate employment.



CERTIFICATIONS | COLLEGE CREDIT | SCHOLARSHIPS

# BE READY TO EXCEL

Develop the expertise, confidence and work ethic for tomorrow's top careers or professions.

# LEARN TUITION FREE

Take advantage of public funded career education in high school to prepare you to persue your dream iob at no cost.

# BUILD A ROAD MAP TO SUCCESS! Develop a control to together with your unique

Develop a customized career plan, together with an advisor, based on your unique interests and talents.

## 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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