

**TECHNICAL SERVICES**

**1. Automotive**

**Automotive Collision Technology:**

This program is designed to prepare students to become qualified entry level technicians. Students will study collision theory and practice up-to-date techniques in a modern collision facility. Technical areas include removing and replacing of vehicle component parts, minor dent repair, preparing vehicles for painting, final detailing and collision shop safety. As students progress in the program, they are allowed to work on cars brought into class.

**Automotive Technology:**

The Automotive Technology program is designed to provide students with basic mechanical knowledge and skills. Students gain the knowledge and skills through a combination of lecture and lab work, including hands-on repair of customer vehicles. All repair work is done by the students. The jobs range from a simple oil change to complex on-board computer systems. This program, which is state and nationally certified, is the first step in preparing an individual for a career in a technical repair field.

**2. Construction**

**Construction Technology:**

The Construction Technology program trains students in the fundamental skills needed to begin a career in the area of construction trades. Students will construct a 3 bedroom ranch style house on campus, as well as complete various other projects in the shop or off site.



### **3. Arts and Sciences**

#### **Computer Technology Program**

Do you like computers? How about making machines work? Or figuring out puzzles? Then Computer Technology, the fastest growing career may be for you. In this two year program students will be prepared to become a Computer Support Specialist. Students will learn basic session layering, networking fundamentals with a host of protocol procedures to name a few. This knowledge and skill will enable students to be certified in computer maintenance (A+ ) and networking (CISCO Systems). It will provide the foundation necessary to find employment in the field or to achieve advanced standing in a rigorous college program.

#### **Cosmetology:**

This program prepares students for careers in cosmetology. Satisfactory completion of the program and its 1,000 hours of instruction are required before a student is eligible to take the state licensing exams and receive a temporary license. The Cosmetology program offers students the unique opportunity to develop and practice their skills during a regular weekly clinic when the public is invited to make appointments for beauty services.

#### **Culinary Arts:**

The Culinary Arts program is a hands-on food preparation program that incorporates the National Restaurant Association's two year ProStart curriculum. All areas of food production and dining room/customer service are instructed. The students apply their skills in our student run restaurants; The Class Act Dining Room and the Electric Apple. Each year students will participate in a two-week internship that reinforces principles taught in class. There is a required 1,000 hours of instruction over a two year period to receive the ProStart/School-to-Career Certificate.

#### **Early Childhood Education:**

This program is offered to students who want to work with young children. Students learn about the characteristics, needs and behaviors of three and four year olds and learn how to teach, guide, and care for them in a nursery school setting.



### **Graphic Communications:**

This program prepares the student to create art work to meet the requirements of an employer or client. Projects may include logo design, business cards, computer illustration, digital imaging, multi-media and web-page design.

### **Health Occupations Technology:**

This program offers multiple opportunities for students interested in learning about careers in the health field. Students will study Health Care Fundamentals, including Anatomy & Physiology, Medical Terminology, Applied Math and Applied Science. Classroom instruction and clinical experience will qualify students for the New York State Certified Nurse Aide Certificate. In addition, job shadowing and site visits will be offered to students to learn about a wide variety of health related career opportunities and career ladders.



### **Laboratory Technician Program**

Do you like science? Do you like to work in a clean environment or outdoors? Are you curious about the whys and hows of the world around you? If you answer yes to these questions then Lab Technician is a career for you! The numbers of jobs are expected to increase by 28% over the next 8 years; the pay is good and the work interesting. During this exciting 2 year program you will learn laboratory procedures, collection processes, slide and sample preparation, and biotechnology, laboratory set up, safety and industry practices. In addition, you will be eligible for certification as a Phlebotomist and have an opportunity for college credit. Internships in the 2<sup>nd</sup> year will be provided by local businesses and medical institutions to allow you to experience a variety of lab techniques.

## Pastry Arts:

The Pastry Arts program is offered to high school students for the purpose of preparing them for employment in the food preparation field. The instruction includes measurement, recipe reading, equipment operation and safety, and the sanitary operations of a bakery. The students will operate the full service Upper Crust Bakery for the campus population. In the second year of this program, students will be exposed to advanced cake decorating, pastry work, candy making, and professional plating techniques. Students that participate in the program for two years are eligible for the ProStart/School-to-Career Certificate.



Once a student has been enrolled in a BOCES program, he/she is committed to the completion of his/her course. LaFayette School District must pay for each student who goes to BOCES. The Guidance Department strongly urges and recommends that once a student begins a program he see it through to completion. This is important because scheduling requirements at the home school may prohibit entry in courses after school has begun.

In courses that have “critical” time requirements, such as cosmetology, a student is required to attend all classes to meet the legal time requirements for the licensing examination. (No summer session, but still must have good attendance.)

In order for a student to enroll in any BOCES program, the PARENT and STUDENT must make a visitation to a BOCES center. Guidance will arrange the visit for you.

LaFayette students can also attend Central Tech in the Syracuse City School District for the following programs:

Computer Programming  
Fashion & Design  
Welding

See your school counselor for details.

## **BOCES NEW VISIONS PROGRAM**

A group of educators from the OCM BOCES component school districts began a two-year effort which resulted in a program that was designed to make the senior year of high school meet the students' goals by combining academic and occupational education in a workplace setting.

Soon after the first few meetings of the committee, the new program became known as New Vision: An interdisciplinary Immersion Program. "New Vision" – because it represented a new look at the senior year of high school and a new look at the delivery of certain types of occupational education. "Interdisciplinary" – because it combined English and social studies, and occupational education in a truly interdisciplinary approach. And, "Immersion" – because it immersed students into the occupational field three hours a day for forty weeks.

The New Vision programs immerse students in actual work environments for complete learning experiences. Instructional materials are integrated into the workplace and students receive Participation in Government, Economics and senior English credit while involved in actual work placements.

CRIMINAL JUSTICE is the study of what causes crime, the law enforcement system, such as police who protect, the court system that deals with the interpreting and enforcing the law of the locality, state or nation and the many agencies who interact with this system such as probation, child protection, correction, stop DWI, battered woman, etc.

ALLIED HEALTH is the in-depth study of the health care system looking at all the technical support staff needed to provide total quality care. Students are exposed to occupational, recreational, physical and respiratory therapy, nuclear medicine, research, dental, histology, pharmacology, nursing, surgical practices and many other areas.

ANIMAL AND ENVIRONMENTAL SCIENCE is a one-year program designed to improve scientific literacy in animal and environmental studies. Students will gain insight into biodiversity and evolutionary processes. They will learn about modern agri-systems, land use, environmental change and their relationships to human and animal populations. Topics will include legal and ethical concerns and policy development and management.

Students will explore the physical and financial impact of technology on ecosystems related to the health, or extinction, of fresh water species. They will study fish, wildlife and domestic animal behaviors in their natural environments. They will also have the opportunity to learn species and breed identification as well as animal care procedures.

Students may earn 6 credits through SUNY ESF.