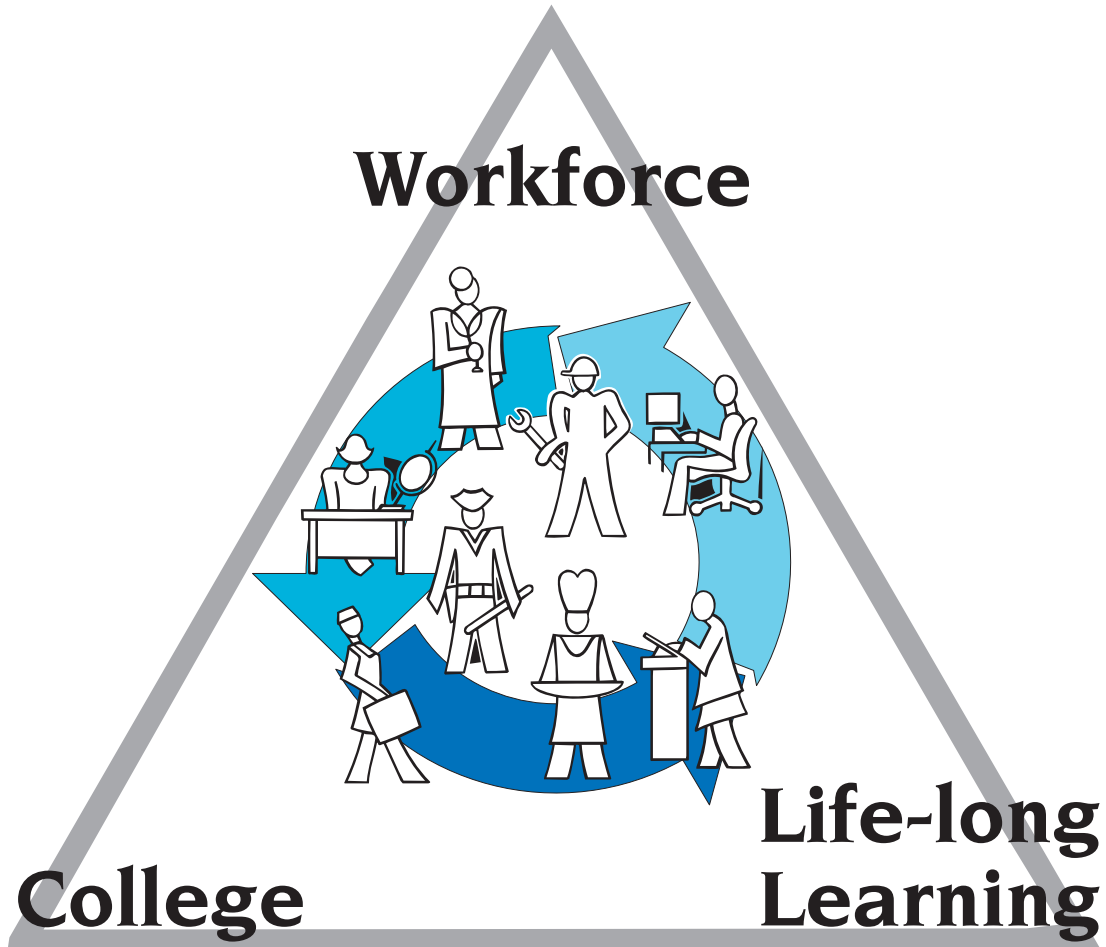




# Career & Technical Education and New Vision Programs 2006-2007



**Parent / Student Information Booklet**

**Career Training & Irvin E. Henry Education Campuses**



## **Career & Technical Education Programs At The Lee G. Peters Career Training And Irvin E. Henry Education Campuses**

**C**lasses at the Irvin E. Henry Education Campus (Syracuse) and Lee G. Peters Career Training Center (Liverpool) are specifically designed for students who are on a college-track and/or are planning an immediate post-secondary entry into the workforce. The two-year programs provide state-of-the-art career and technical education for Onondaga-Cortland-Madison BOCES component school districts. In meeting that objective, our courses serve as an integral part of the curriculum offered by each of the component school districts.

OCM BOCES instructors are highly qualified, New York State Education Department certified teaching professionals who maintain ties with the industries their respective programs represent. Under their guidance, students gain the technical skills and industry values necessary for successful employment or college level study. Many OCM BOCES graduates who go on to college report utilizing their BOCES training to help pay for their post-secondary education.

In this highly-competitive 21st Century employment environment, we encourage every high school student and their parents to explore the unique and useful opportunities at the I.E. Henry Campus and Lee G. Peters Career Training Center. OCM BOCES Career and Technical Education students may earn a diploma with the coveted CTE certification. Students who learn a skill in their area of interest typically possess more opportunities in life than those who don't take such an advantageous educational route.

For more information,  
call your local high school counselor  
OR  
the OCM BOCES Career & Technical Education Office at  
the Lee G. Peters Career Training Education Campus  
at (315) 453-4480  
OR  
the Irvin E. Henry Education Campus  
at (315) 433-2635



# Career and Technical Education/New Vision Programs



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# Career & Technical Education

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## What is Career and Technical Education?

Career and Technical Education emphasis is a broad spectrum of job specific skills using the most current business/industry-based technologies that are applicable to personal and career goals. These skills prepare students for the workforce or post-secondary study. Students may also earn college-level credit during their OCM BOCES program.

## Why do today's young people need exposure to CTE?

1. Students need a foundation of skills to be used in the work place and for the rest of their lives.  
Recent post-graduation follow-up studies indicated that 40% percent of Career & Technical Education graduates enter post-secondary programs. Forty-two percent went directly to work in the field they studied in Career & Technical Education, 48% went to work in other fields and five percent entered the military. This is a change from a time when over fifty percent of occupational graduates went to work in a job directly related to their occupational courses.
2. Employers need employees who can:
  - identify, organize and allocate resources
  - work with others
  - acquire and use information
  - monitor, improve, or design systems to do work
  - work with a variety of technologies
  - problem solve
  - read, write, speak, compute
  - behave responsibly, function in an ethical manner, and
  - make good decisions.
3. The education system is dynamic. The emphasis now is on integrating and applying academics to raise standards for graduation and solve problems in the workplace. All of our Career & Technical Education programs are currently applying for and receiving formal New York State Education Department approval for meeting these higher standards based upon our quality program curriculum, strong connections with industry and post secondary institutions and for providing for positive transitions between school and work for our students!

## Each program is designed:

- to complement the core subject courses at the local high school.
- to set high expectations for student performance in employability competencies and the foundation skills which are the skills needed by employers.
- to connect with college level Career and Technical Education programs both credit and non-credit bearing.
- to be up-to-date with current technology.
- to have extensive involvement with the business community including a strong workplace experience component.
- to use performance based assessment such as portfolios for assessing student achievement.
- to supplement home school instruction to ensure that all students meet high school graduation requirements.
- to encourage and support students, including those who are non-traditional, disadvantaged, and/or disabled, in the achievement of their goals.

**Each program contains four components based upon New York State's New Learning Standards.**  
They are:

**I. Technical Skills Development**

Students will acquire the career-specific technical knowledge and skills necessary to progress toward gainful employment, career advancement and success in post secondary programs.

The Career Major Clusters are:

🔧 Technical Services   🔧 Arts & Services

**II. Foundation Skills**

Students will demonstrate mastery of the foundation skills and SCANS competencies essential for success in the workplace.

**III. Related Academics**

Students will demonstrate how academic knowledge and skills are applied in the workplace and other settings.

**IV. Career Development**

Students will be knowledgeable about the world of work, explore career options, and relate personal skills, aptitudes and abilities to future career decisions.

**You now know the answer to the question: "What is Career and Technical Education?"  
We hope it interests you enough to take a look inside.**

## **Answers To Most Commonly Asked Questions About The OCM BOCES Career and Technical Education Programs**

**When can I take a Career and Technical Education program?**

The programs are designed to be taken in grades 11 and/or 12.

**If I attend the Career and Technical Education program, will I still take courses at my home school?**

Yes. You attend BOCES programs for a half day, either the morning or afternoon session. The other half of the day you will be at your home school taking English, social studies, physical education and other classes.

**How many credits do I receive for a Career and Technical Education program?**

The number of credits you can receive will be determined by your home school. Check with your guidance counselor for additional information.

**Can I get a Regents Diploma if I take a Career and Technical Education program?**

Yes, when you pass your English, social studies and other required Regents exams.

**Can I go to college if I take a Career and Technical Education program?**

Yes. About one out of every two Career & Technical Education graduates attend college or some other form of post-secondary education.

### **Can I earn college credits for my Career and Technical Education program?**

In our *Automotive Technology* program, you can earn 4 college credits through Onondaga Community College in Automotive Fundamentals, 4 college credits through SUNY Morrisville in Automotive Technology or 3 college credits through SUNY Canton in Automotive Services.

In our *Construction Technology* program, you can earn 3 college credits at SUNY Canton in *Wood Structures* and 3 college credits in Construction Technology through SUNY Delhi.

In *Early Childhood Education*, students can earn 1 college credit in Early Childhood Environments and 2 college credits in Observation of Young Children through Onondaga Community College.

In our *Graphic Communications* program, you can earn 3 college credits in Fundamental of Design through the Art Institute of Pittsburgh and 3 college credits in Introduction to Computer Graphics through Onondaga Community College and Art Design through Bryant & Stratton.

In our *Culinary Arts* and *Pastry Arts* programs, you can earn 4 college credits through SUNY Alfred for Sanitation and Food Safety or 12 credits at the Art Institutes of Pittsburgh towards a Bachelor of Science in Culinary Management. For students completing the National Restaurant Association's ProStart program, there are articulation agreements with The Culinary Institute of America, SUNY Morrisville, SUNY Plattsburgh, SUNY Cobleskill, Erie Community College and Schenectady County Community College.

In *Cosmetology*, you may earn 3 credits from Bryant & Stratton College in Business Principles.

In *Automotive Collision Technology*, course credits may be earned from SUNY Alfred upon presentation of a portfolio of accomplishments.

### **How can I find out more about the new Career and Technical Education?**

- Talk with your high school counselor
- Visit the Lee G. Peters Career Training or Irvin E. Henry Educational Campuses
- Ask any student from your high school who is currently attending
- Contact the Lee G. Peters Career Training Education Campus at (315) 453-4480 or the Irvin E. Henry Education Campus at (315) 433-2635
- Visit our Web site at <http://www.ocmboces.org>

### **What is the Career & Technical Endorsement?**

Many of our programs have received an additional approval (identified in this brochure by the special New York State Education Department symbol) that will allow students to earn the seal of advanced recognition to be placed on their High School diploma. Programs are approved based upon a demonstration of meeting high standards, access to credit bearing articulation agreements with post-secondary institutions, internships and alignments with nationally recognized technical assessments. Students who successfully complete their Career & Technical Education Program and pass the related national assessments may be eligible for this advanced distinction.

### **Can I visit?**

Yes! The campuses welcome visitors to their programs. You can arrange a visitation by contacting your high school counselor.

# AUTOMOTIVE COLLISION TECHNOLOGY



## **Program Offering**

Irvin E. Henry Education Campus (AM and PM)

AM session - second year students; PM session- first year students

## **Program Description**

This is a program that prepares students for occupations in the modern auto body collision repair industry, technical college, and repair occupations requiring exacting standards. Students learn the basic skills and techniques using the most current business/industry-based technologies. Students advance into frame straightening, custom colors in painting and estimating. As students progress they are allowed to work on cars brought into class.

## **Technical Skills**

1. Removal/replacement of body parts
2. Minor dent repair
3. Vehicle preparation for painting
4. Cleaning/detailing
5. Collision shop safety
6. MIG welding
7. Frame straightening - body - over - frame unibody

## **Related Academics**

1. Math
2. Collision estimating
3. Frame measurements
4. Cost of materials
5. Technical reading
6. Science

## **Career Development**

1. Internships
2. Part-time job
3. Community services
4. In shop "live work"
5. Professional development skills

## **Foundation Skills**

1. Problem solving
2. Teamwork
3. Decision making
4. Critical thinking



## **Post Secondary Education**

SUNY Morrisville, SUNY Alfred, SUNY Canton, Denver Diesel, Ohio Diesel, Wyoming Tech, UTI

## **Employment Opportunities**

Car preparation, parts specialist, refinisher, frame technician, manager, shop owner, material specialist

## **Area Employers**

Val's Motors, Bill Rapp, Chandler Auto Sales, Chuck Taylor Collision, Twin Tier Tractor, Kimber's Inc., Sam Dell, East Syracuse Sales, Heritage Lincoln, Kolor Kraft, Jeffrey Auto Body, Rudy Schmidt, Northside Collision, Nick Orso's Body Shop, Sam's Auto Body, SAVES Auto Body Supply.

## **Employers Say**

"Provides a great opportunity for a career track and excellent compensation."

—Gary Bell, President, Northside Collision

# AUTOMOTIVE TECHNOLOGY



## **Program Offering**

Irvin E. Henry Education Campus (AM and PM)

AM session - second year students; PM session- first year students

## **Program Description**

The auto 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 performed 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. It prepares the student for entry-level employment as service maintenance persons or for advanced technical education.

### **Technical Skills**

1. Tool use and safety
2. Engine performance
3. Drive train and axles
4. Braking systems
5. Electrical systems
6. Suspension and steering
7. Heating and air conditioning
8. New York State Inspection
9. Electronic Service and Repair Information Systems

### **Related Academics**

1. Math
2. Physics
3. Reading
4. Communication skills
5. Computer skills
6. Technical writing

### **Career Development**

1. Internships
2. Live shop work
3. Professional development skills
4. Automotive Technology Competitions

### **Foundation Skills**

1. Problem solving
2. Teamwork
3. Decision making
4. Critical thinking



### **Post Secondary Education**

SUNY Morrisville, SUNY Alfred, SUNY Canton, Denver Diesel, Wyoming Tech, Onondaga Community College, Monroe Community College, UTI, Ohio Technical College

### **Employment Opportunities**

Oil change technician, muffler repair, parts counter person, auto specialist, service technician, manager, shop owner, detailer

### **Area Employers**

Val's Motors, Bill Rapp Pontiac, Dave Ball Chevrolet, East Syracuse Chevrolet, Ford & Bryant Chevron, Genuine Parts, Armed Forces, Fayetteville Dodge, Lewis Goodman Chrysler, Saturn of Syracuse.

### **Employers Say**

“BOCES fills a vital need for technicians, and the automotive field is getting more sophisticated every day.”

—Bill Rapp Pontiac & Imports

# CONSTRUCTION TECHNOLOGY



## Program Offering

Career Training Education Campus (AM and PM)

## Program Description

Construction Technology trains students in the fundamental skills needed to begin a career in the area of building and construction trades. Students will construct a 3-bedroom Ranch style house right on campus, as well as various other projects in the shop. Students will also be involved in many other classroom activities that develop proficient construction-related skills.

### Technical Skills

1. OSHA and NCCER approved construction Safety standards.
2. Residential Construction
  - Framing
  - Roofing
  - Siding
  - Drywall
  - Finish Trim
3. Blueprint Reading and Drafting
4. Cabinet Making and Trim Carpentry
5. Residential Wiring, Basic Electrical
6. "Energy Star" approved Insulating Standards
7. Site Layout

### Team Skills

1. Problem solving
2. Team work
3. Decision making
4. Critical thinking



### Post Secondary Education

SUNY Delhi, SUNY Canton, SUNY Alfred, SUNY Morrisville, Herkimer Community College, UTI, SUNY Cobleskill, SUNY Oswego, Onondaga Community College

### Related Academics

1. Applied Math and Applied Science
2. Building Science Technology/Energy Star
3. Technical Reading
4. Communication Skills
5. Computer Skills

### Career Development

1. Internships/Work study opportunities
2. "Hands-On" Projects
3. Community Service Projects
4. Professional Development Skills
5. Skills USA - student skill & leadership club

### Employment Opportunities

Carpenter, siding/roofing/drywall installer, modular production, painter, framer, and more. The outlook in construction trades is very promising.

### Area Employers

There are many construction opportunities in both union and non-union work including employers such as Haynor Hoyt Corp., Hueber-Breuer Construction and VIP Structures. There are also over 150 Builders and Remodelers listed on the Home Builders Association of Central New York including Scuiga Custom Builders, Hardy Construction and Scott McClurg Remodeling (see also [www.homebuildersofcentralnewyork.com](http://www.homebuildersofcentralnewyork.com)). Several other area employers include: The Home Depot, Chase Pitkins, R.B. Woodcraft, Stickley Furniture, Just Electric and Comfort Windows.

# COSMETOLOGY



## Program Offering

Irvin E. Henry Education Campus (AM and PM)

AM session—second year students; PM session—first year students

\* *There is a requirement in the senior year of 50 clinical hours. Students will be responsible to purchase their own uniform and cosmetology kit.*

## Program Description

This program prepares students for careers in cosmetology. Satisfactory completion of the program and its **1000 hours of instruction are required to make a student eligible to take the state licensing exams and eligible to 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.

### Technical Skills

1. Professional ethics and work attitudes
2. Hygiene, bacteriology, sterilization and sanitation
3. Conditioning and corrective hair treatments
4. Nail care
5. Haircoloring and lightening
6. Hair styling and shaping
7. Air waving and thermal curling
8. Chemical texture services
9. Esthetics
10. Hair enhancements
11. Nail technology
12. Techniques in barbering

### Applied Academics

1. Chemistry
2. Math
3. Occupational Science/credit approved
4. Health
5. Biology
6. Accounting
7. English

### Career Development

1. Live clinic
2. Community service
3. Professional development

### Foundation Skills

1. Problem solving
2. Teamwork
3. Communications
4. Decision making
5. Critical thinking
6. Life skills



### Post Secondary Education

SUNY Alfred, SUNY Morrisville, Onondaga Community College, Bryant & Stratton, Onondaga School of Massage Therapy

### Employment Opportunities

Stylist, Specialist, Salon Manager, Salon Owner, Nail Technician, Esthetician, Image Consultant, Cosmetologist, Business Representative, Platform Artist, Teacher

### Area Employers

Royal Beauty Supply, Haircutters, Papparazzi Day Spa, Benoits, The Concept, Hair Perfect, Matthews Salon, J.C. Penney's at Shoppingtown and Carousel.

### Employers Say

"The cosmetology profession opens doors to the beauty industry, fashion industry and medical industry, or any other vision you may have. Your potential is only what you limit yourself to!!"

—Giovanna McCarthy, owner - Papparazzi Day Spa

# CULINARY ARTS



## **Program Offering**

Irvin E. Henry Education Campus (AM and PM)

AM session - second year students; PM session - first year students

## **Program Description**

Culinary Arts 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. An emphasis is placed upon food safety and sanitation and basic foundation skills necessary to work in the food service industry. The students apply their skills in our student run restaurants. The **Class Act Dining Room** and the **Electric Apple**. There is also a great deal of emphasis placed upon building social skills, working as a team, following directions and exhibiting positive work attitudes. Each year students will participate in a two-week internship that reinforces principals 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.**

### **Technical Skills**

1. Food safety
2. Kitchen safety
3. Sanitation
4. Hot and cold food preparation
5. Knife skills
6. Cooking methods
7. Dining room set-up and service
8. Kitchen equipment use

### **Related Academics**

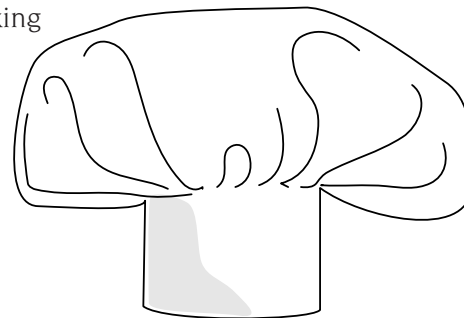
1. Written and verbal communication
2. Reading (texts, trade material, recipes) should be at least a 5th grade reading level
3. Applied Math (measurements, weights, recipe conversions, costing), accounting
4. Applied Science (bacteriology, nutrition, organic compounds, food science)
5. Communication skills

### **Career Development**

1. Internships
2. Dining Room Lab
3. Accounting Practices
4. Community Service
5. Professional Development Skills
6. Kitchen Basics

### **Foundation Skills**

1. Problem solving
2. Teamwork
3. Decision making
4. Critical thinking



### **Post Secondary Education**

Johnson and Wales University, Onondaga Community College, Culinary Institute of America, SUNY Alfred, SUNY Cobleskill, New England Culinary Institute, Paul Smiths College, Pennsylvania Culinary Institute

### **Employment Opportunities**

Host/hostess, waiter/waitress, prep cook, line cook, chef, head chef, restaurant owner

## **Employment Opportunities**

The Food Service profession offers employment to capable individuals in restaurants, hotels, caters, country clubs, resorts, cruise ships, businesses, schools and hospitals and anywhere food is served.

## **Employers Say**

"The Culinary Arts program offers students a chance to experience and gain skills in a realistic kitchen setting that can allow them to either go to work after school or on to college like myself."

-David Wojcikowski, 1999 BOCES and Solvay High School graduate and 2003 graduate of the Culinary Institute of America

# EARLY CHILDHOOD EDUCATION



## Program Offering

Career Training Education Campus (AM and PM)

AM session - second year students; PM session- first year students

## Program Description

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 care for them in a nursery school setting.

After learning basic skills, students operate a nursery school for 12-16 children three days per week. Each high school student in the program is expected to participate in all phases of running the nursery school. On Fridays, students plan and prepare activities for the following week and study child development through lectures, discussions, observations, videos, speakers and occasional field trips. Applied academic courses are offered throughout the program year.

## Technical Skills

1. Developmental styles of pre-schoolers
2. Nursery school activities
3. Lesson plans and presentations
4. Prenatal development and care
5. Children with special needs
6. Supervision and interaction with children

## Related Academics

1. English
2. Psychology
3. Math
4. Science

## Career Development

Seven-month structured internship in laboratory nursery school. Seniors also participate in an internship at an area Day Care Center or Elementary School.

## Post Secondary Education

Onondaga Community College, SUNY Cobleskill, Mohawk Valley Community College, Cazenovia College, SUNY Cortland, LeMoyne College, SUNY Oswego. Member CNY Tech Prep Consortium offering college credit in senior year of high school. Early Childhood Environment (1 credit). Observation of Young Children (2 credits).

## Foundation Skills

1. Problem solving
2. Team building
3. Using resources
4. Improving systems
5. Using technology
6. First aid and infant/child CPR
7. Discipline and guidance techniques
8. Study of child care centers
9. Employment seeking skills



## Employment Opportunities

Teacher aide, teacher assistant, nanny, day care provider, teacher, director, recreation aide

## Area Employers

Living and Learning Center, Inc., Learn As You Grow, Inc. Child Care Centers, Head Start, Childtime, BASCOL, County North Children's Center, The Gingerbread House, Koala Kare Day Care Center, Marcellus Presbyterian Child Care Center, The Salvation Army Day Care Centers, Steppingstone Child Care Center, Tutor Time Child Care/Learning Centers, YMCA

## Employers Say

"To see the look on a child's face when they've discovered something new makes you love your job. You may start out as an aide and move to assistant quickly. Many continue their education as they work to become head teachers."

—Dawn Harrington-Moran, Past Early Childhood Education and OCM BOCES graduate Placement Supervisor and Living and Learning Center Lead Teacher, Onondaga Community College

# FLORAL ARTS



## **Program Offering**

Irvin E. Henry Education Campus (AM)

### **Program Description**

The floral arts program teaches students the fundamentals of horticulture and the floral arts. Satisfactory completion of the program offers the student an opportunity to pursue a career in the retail or wholesale florist business.

The floral arts program offers students the opportunity to enhance their design skills through filling customer orders at **The Enchanted Florist**. Proms, parties, weddings and special occasions are a specialty.

### **Technical Skills**

1. Floriculture job seeking skills
2. Basic floral design
3. Wedding and funeral design
4. Contemporary design
5. Customer sales and service
6. Silk flower arrangements
7. Holiday arrangements
8. Flower and foliage plant identification
9. Foliage plant care
10. Advertising and display

### **Related Academics**

1. Math Skills (making change, pricing merchandise, cash summaries, deposits)
2. Reading Skills (Understanding labels and directions; use merchandise catalogues; understand invoices/order forms)
3. Science (photosynthesis, plant propagation, bacteria control, sanitation of flower containers and tools)
4. English Skills (vocabulary related to floral industry, written reports and oral presentations)

### **Career Development**

1. Participation in leadership organizations
2. Community Projects (State Fair, etc.)
3. Professional Development Skills
4. In shop "live work"
5. Internships

### **Foundation Skills**

1. Problem solving
2. Teamwork
3. Oral and written communication skills
4. Decision making
5. Critical thinking



### **Post Secondary Education**

SUNY Alfred, SUNY Morrisville, SUNY Cobleskill

### **Employment Opportunities**

Delivery, salesperson, designer, greenhouse manager, merchandise manager, shop owner, wholesale florist employee, florist manager

### **Area Employers**

Marge Polito Florist and Gifts, Inc., Flowers Down Under, Fortino Florist, Wegmans, P&C Foods, Rao's Florist/Mattydale and Village Florist and many more.

### **Employers Say**

"Hardworking students are always able to find employment in this field. The demands of the job are continuous but rewarding. Those artistic and insightful students often pursue post-secondary education and/or open their own businesses."

—Mary Comisso, Owner Village Florist and OCM BOCES Floral Graduate

# GRAPHIC COMMUNICATIONS



## **Program Offering**

Career Training Education Campus (AM and PM)

AM session - second year students; PM session - first year students

## **Program Description**

This program prepares the student to create art work to meet the requirements of an employer or client. The art work might be in the form of advertisements for newspapers, television ads, posters, graphs or direct mail ads. Students in this program develop skills by producing art work using Macintosh computers. Projects may include logo design, business cards, computer illustration, digital imaging, multimedia and web page design. Field trips to advertising agencies, printing companies and colleges may be included.

## **Technical Skills**

1. Operating Macintosh Computers
2. Keyboarding
3. Digital Photo Enhancement
4. Understanding Color Theory
5. Using Color and Black and White Scanning
6. Type Identification
7. Computer Illustration Basics
8. Web Page Design
9. Logo Design
10. Design Principles/Elements
11. Printing Processes
12. Creating Ads
13. Computer Maintenance
14. Digital Camera Operation

## **Related Academics**

1. Applied Math & Science
2. Psychology
3. Physics
4. Reading and written communications

## **Career Development**

1. Internships
2. "Live work"

## **Post Secondary Education**

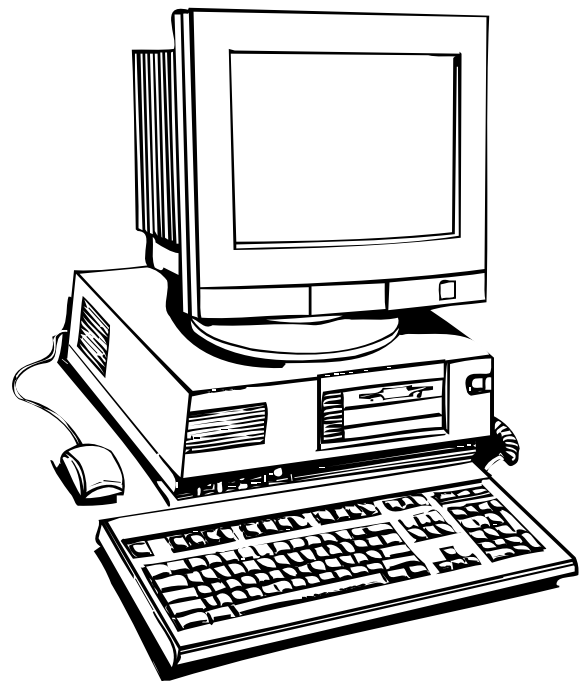
Rochester Institute of Technology, Syracuse University, Alfred State, Mohawk Valley Community College, SUNY Oswego, Onondaga Community College, Art Institute of Pittsburgh, Community College of the Finger Lakes. In our *Graphic Communications* course you can earn 3 college credits in Fundamentals of Design through the Art Institute of Pittsburgh, 3 college credits in Introduction to Computer Graphics through Onondaga Community College, 3 credits at Bryant & Stratton

## **Area Employers**

Dellas Graphics, Scotsman Press, Du-Pli Graphics, Syracuse Label, Syracuse Colour Graphics, Quartier Printing company, Cable Xpress Art Department, Eric Mower and Associates, The Post Standard.

## **Foundation Skills**

1. New Technology
2. Problem Solving
3. Team Building
4. Using Resources
5. Improving Systems



## **Employment Opportunities**

Graphic Designer, Desktop Publishing, Multimedia Designer, Computer Graphic Illustrator, Web Page Designer, Pre-Press, Scanner Operator.

# HEALTH OCCUPATIONS TECHNOLOGY



## Program Offering

OCM BOCES Career Training Center, Liverpool Campus (AM and PM)

AM session – Senior students only will complete the requirements for the Certified Nurse Aide exam.

PM session – First year students.

## Program Description

This program offers multiple opportunities for students interested in learning and applying math and/or science in the health care field. Students in the AM session will complete requirements for the New York State Nurse Aide Certification. The training includes a minimum of 108 hours in long-term care clinical experiences. Shadowing at local health care facilities in over 20 different departments, as clinical experience, is on-going from October to June. Nursing roles for men and women in the work-place are discussed.

Students in the PM session will complete the “Health Foundations” portion of the program which includes Anatomy and Physiology, Medical Terminology and Applied Science.

## Technical Skills & Related Academics

1. Applied Medical Terminology
2. Fundamental Anatomy & Physiology
3. Infection Control
4. Applied Microbiology
5. Safe Environment in the Health Profession
6. Changes during the Aging Process
7. Bedside Nursing–CNA Requirements
8. Health & Wellness
9. Nutrition & Elimination
10. Family & Community Health
11. Communications in the Health Field
12. Medical Ethics & Professionalism
13. Applied Math and/or Science
14. Current Events
15. Exploring Health Careers
16. Computer Applications in the Health Field
17. American Red Cross CPR



## Career Development

Seniors - clinical shadowing at Community

General Hospital

Juniors - clinical rotation at area nursing homes

## Foundation Skills

1. Technology in Health Care
2. Problem Solving
3. Team Building
4. Communication Skills/Ethics
5. Improving Systems
6. Using Resources

## CNA Skills

1. Personal Care Skills
2. Activities of Daily Living
3. Promotion of the Patients Health Function and Safety Skills
4. Measurement, Reporting and Environmental Patient Care Skills

## Post Secondary Education - Central New York

- ◆ St. Joseph's School of Nursing
- ◆ Crouse School of Nursing
- ◆ Onondaga Community College
- ◆ SUNY Morrisville
- ◆ Cayuga Community College
- ◆ OCM BOCES LPN Program

## Employment Opportunities

Certified Nursing Assistant

Allied health services occupations

## Area Employers

Iroquois, Sunnyside, St. Camillus, Birchwood, Syracuse Home, Rosewood Heights and Loretto Long-term care facilities; Community General Hospital and Crouse Hospital

## Employers Say

“Flexible hours and advanced education are available and the profession of caring for people is well respected.”

—Irene Tubach, Nurse Recruiter, Loretto Geriatric Center

# HOSPITALITY CAREERS

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## Program Offering

Irvin E. Henry Education Campus (AM and PM)

AM session - second year students; PM session - first year students

## Program Description

The Hospitality Careers Program provides 11th and 12th grade students with classroom learning and real-life experiences needed to take advantage of diverse opportunities in the hospitality industry. Student will be able to work in hotels, convention centers, travel agencies and other tourism-related entities. The program also includes work experience at an industry work-site. Students who successfully meet the required criteria for the two year program will be issued a national certificate with international recognition as a “CRDS” (Certified Rooms Division Specialist) from the Educational Institute of the American Hotel and Lodging Association.

The learning objectives correspond to competency lists used in the Educational Institute’s curriculum and will form a basis for articulation agreements between OCM BOCES and regional colleges and universities. All competencies are supported by extensive research, including industry focus groups, surveys and reviews.

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### Technical Skills

1. Overview of Lodging Management
2. Front Office
3. Housekeeping
4. Leadership and Management
5. Marketing and Sales
6. Food and Beverage Services

### Related Academics

1. English
2. Applied Science and Math
3. Business Communications
4. Computer Science

### Career Development

1. Job Shadowing
2. Internships
3. Guest Speakers
4. Professional Development Skills
5. Field Trips

### Post Secondary Education

Onondaga Community College, Herkimer County Community College, Niagara University, Johnson & Wales University, Buffalo State College, Paul Smith’s College

### Foundation Skills

1. Computer Technology
2. Problem Solving
3. Team Building
4. Customer Service
5. Oral and Written Communication



### Employment Opportunities

Housekeeper, Front Desk Clerk, Reservations Clerk, Reservations Manager, Front Office Manager, Sales Manager, Catering Sales Manager, Executive Housekeeper

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### Area Employers

Wyndam Syracuse, Sheraton Syracuse University Hotel & Conference Center, Ramada Inn, Radisson Hotel & Conference Center at the Marx

# PASTRY ARTS



## Program Offering

Irvin E. Henry Education Campus (AM and PM)

AM session - second year students; PM session - first year students

## Program Description

The Pastry Arts program is offered to high school students for the purpose of preparing them for work in a food preparation field. The classroom is a hands-on food preparation course that incorporates the National Restaurant Association's two year ProStart curriculum. After proper instruction in the areas of measurement, recipe reading, equipment operation and safety and sanitary operation of a bakery, the students will operate a 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. **There is a required 1,000 hours of instruction over a two year period to receive the ProStart/School-to-Career certificate.**

## Technical Skills

1. Measurement technique and recipe reading
2. Safe and sanitary food handling
3. Operation and maintenance of all bakery equipment
4. Preparation methods of breads, cakes, cookies, custards, pies and pastry
5. Cake decorating skills
6. Marketing techniques
7. Cost and management skills
8. Short order cooking
9. Basic coffee shop operation

## Related Academics

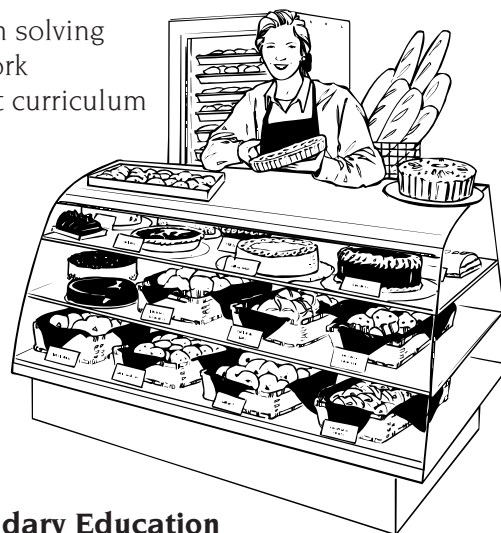
1. Measurements
2. Multiplication and division of recipes
3. Recipe reading and interpretation, basic writing skills

## Career Development

1. Professional Development Skills
2. Internships
3. Community Service Projects
4. Customer Service

## Foundation Skills

1. Problem solving
2. Teamwork
3. ProStart curriculum



## Post Secondary Education

SUNY Morrisville, SUNY Canton, SUNY Sullivan Community College, Johnson and Wales, Culinary Institute of America, Onondaga Community College, Cobleskill, SUNY Alfred, Pennsylvania Culinary Institute

## Employment Opportunities

Baker, pastry chef, bakery owner, doughnut fryer and finisher, waiter/waitress

## Area Employers

Students from this program are currently working in area restaurants, hotels, caterers, country clubs, school and hospitals.

## Employers Say

"This is a unique program where students gain baking skills to work in the industry and enter the workforce prepared to face the challenges of a full service bakery."

—Mike Redmond, Chef, Lafayette Country Club

## **Data Analysis & Research and Scientific Inquiry & Research at OCM BOCES**

**T**he Lee. G. Peters Career Training and Irvin E. Henry Education Campuses require students to complete an integrated technical math and/or an integrated technical science course over two years.

The curricula for these courses each have a core set of concepts or topics to be covered during the school year. However, students enrolled in Career and Technical Education programs will have the added advantage of being able to apply the core concepts of these courses to the particular career and technical education field they are studying. The math, science and career and technical education teachers work as a team to provide the instruction.

Students attending the program may earn one credit for math one year and one credit for science the other year. This will enable students to choose a career and technical education program and still earn the required credits for graduation. It also raises the academic standards for all career and technical education programs.

# HIGH SCHOOL SENIOR PROGRAMS

## NEW VISION

### Interdisciplinary Immersion Programs

#### **Criminal Justice**

*Onondaga County Sheriffs Office*

◆ Law Enforcement: Judiciary & Corrections ◆ Crime Prevention ◆ Over 50 professional guest speakers ◆ Class research & field trips ◆ Earn High School credit in Criminal Justice, Social Studies & English ◆ Earn up to 3 college credits in Criminal Justice courses

#### **Environmental Science & Engineering**

*SUNY Environmental Science and Forestry*

◆ Forestry, Fish and Wildlife ◆ Soil, water, energy and technology ◆ Environmental issues ◆ Earn High School credit in English, Social Studies and Environmental Science ◆ Earn up to 6 college credits in Global Environment and Writing in the Environment through SUNY-ESF

#### **Medical Professions**

*Syracuse Veteran's Administration Medical Center*

◆ Over 20 medical career shadowing experiences ◆ Microbiology, Nutrition, Anatomy and Physiology, Human Growth/Development ◆ Earn High School credit in English, Social Studies and Health Careers

### BENEFITS OF NEW VISION PROGRAMS

- ◆ Explore Career Fields First Hand
- ◆ Earn College Credit
- ◆ Participate in Job Shadowing
- ◆ Learn Teamwork and Research Skills
- ◆ Gain Real-Life Experience
- ◆ Mentoring Experiences
- ◆ Enjoy the College/ Professional Atmosphere

#### **New Vision Students Have Pursued Post Secondary Degrees at:**

Upstate Medical University ◆ Syracuse University ◆ John Hopkins University ◆ SUNY College of Environmental Science & Forestry ◆ LeMoyne ◆ SUNY Albany ◆ Cornell ◆ Clarkson University ◆ SUNY Brockport ◆ SUNY Delhi ◆ Eastern University ◆ SUNY Plattsburg ◆ Ohio State ◆ Paul Smith's College ◆ Onondaga Community College ◆ Monroe Community College ◆ Crouse School of Nursing ◆ St. Joseph's School of Nursing ◆ SUNY Oswego

#### *INTERESTED?*

See your High School Counselor or call directly for more information on NEW VISION programs:  
Linda Horton-Cook, Principal: 453-4480 or [lhorton@ocmboces.org](mailto:lhorton@ocmboces.org)

# NEW VISION OVERVIEW

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New Vision is an exciting approach to program delivery for eligible high school seniors. It provides an in-depth overview of a chosen professional field by placing the student into an actual work environment. New Vision successfully integrates English and Social Studies into a meaningful curriculum based on a career interest. New Vision provides a sense of relevance to the senior year and a directed transition to the next step of professional development.

## **Key Program Elements**

1. Location – New Vision classrooms are strategically located in the hub area of the chosen program of study. For example, Health Careers is based at the VA Medical Center in Syracuse.
2. Interdisciplinary Approach – Students study senior level English and Social Studies within the context of the chosen program. They learn to relate their academic and occupational skills to a variety of situations. Students also have an opportunity to earn college credits.
3. Broad-Based, Professional Curriculum – Students develop a wide variety of career oriented skills and competencies.

## **Program Objectives**

The student will:

1. Apply previous academic knowledge and skills to professional tasks and problems.
2. Develop career plans based on knowledge gained through experiential learning.
3. Begin preparation for professional/technical careers (two or four-year college).
4. Speak and write in depth about the connection between schoolwork and the workplace.
5. Demonstrate successful socialization in the workplace.

## **Student Eligibility Requirements**

The New Vision student must:

1. Be a senior from an OCM BOCES component district.
2. Have demonstrated an interest and desire to learn about the career area.
3. Be academically sound and have met graduation requirements prior to acceptance into the program.
4. Exhibit a high level of responsibility and maturity with the ability to work in a team, as well as independently. The New Vision student represents the home school, OCM BOCES, and the sponsoring agency as well.
5. Be conscientious and highly motivated to succeed.

# **NEW VISION**

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**If you meet these requirements,  
New Vision can be the highlight of your  
high school experience!**

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## OCM BOCES New Vision Programs

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**For information on New Vision Programs and to enroll students call:**

Linda Horton-Cook, Principal

Phone: (315) 453-4480 or (315) 453-4466

E-mail: lhorton@ocmboces.org Fax: 453-4691

Address: Lee G. Peters Career Training Center, 4500 Crown Rd., Liverpool, NY 13090

**To arrange student visits or speak with New Vision Instructors call:**

**Criminal Justice**

Charles Wilson, Learning Coordinator

Denise Mecca, TA

Phone: (315) 435-3293

Address: Onondaga County Sheriff's Office, 407 S. State Street, Syracuse, NY 13202

**Environmental Science & Engineering**

Melinda Shimer, Learning Coordinator

Phone: (315) 470-6781

Address: 215 Brady Hall, SUNY College of Environmental Science & Forestry, Syracuse, NY 13210

**Medical Professions**

Sally Martin, Learning Coordinator

Phone: (315) 425-4400 ext. 52844

Address: Syracuse VA Medical Center, Syracuse, NY 13210

# NEW VISION – CRIMINAL JUSTICE PROGRAM

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## **Program Location**

Onondaga County Sheriff's Office 407 South State Street Syracuse, New York 13202  
Contact: Charles Wilson, Learning Coordinator or Denise Mecca, Teaching Assistant at 315-435-3293

## **Program Description**

New Vision is an interdisciplinary immersion program. The Criminal Justice Program is the comprehensive study of the Criminal Justice system and subordinate systems. The curriculum includes extensive exposure to law enforcement, the judiciary, and corrections (institutional and community based) systems. Also covered are the causes and prevention of crime, along with a variety of special topics such as gun control, the War on Drugs, and capital punishment. In addition to class discussions based on the collegiate seminar approach, more than sixty professional guest speakers visit the classroom to share their expertise and wisdom with the class. The list is exhaustive but includes judges, the FBI, Secret Service, corrections personnel, county, state, and federal prosecutors, and a variety of law enforcement specialists and generalists from CNY police agencies. Students have in excess of thirty out of class learning opportunities through internships and job shadowing.

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## **Program Outline**

1. Introduction to the CJ System
2. Ethics
3. Criminology
4. Law Enforcement History with emphasis on the past forty years
5. Law and the legislative process
6. The Judiciary: US Supreme Court and the federal system, NYS judicial structure, County Court, Family Court, Syracuse City Court, and local justice & municipal courts
7. Corrections: institutional and community based (probation, parole, half way houses, etc.)
8. Special Topics
9. Class Research Project
10. Class Field Trip to Washington, DC

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## **Related Academics**

The New Vision Model is based on an integration of Social Studies and English/Communications skills. Students earn senior credit for English 12R, Social Studies 12 and elective credit for Criminal Justice. Students also have the opportunity to earn 3 college credits for **Introduction to Criminal Justice** through Onondaga Community College.

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## **Foundation Skills**

1. New Technology
2. Team Building
3. Problem Solving
4. Utilization of Contemporary Resources: Internet in the Classroom
5. Becoming part of a solution as opposed to being part of a problem

## **Career Development**

Exposure to the entirety of the Criminal Justice System through internships, job shadowing, guest speakers, and classroom instruction



## **Post Secondary Education**

Onondaga Community College with an existing articulation agreement, SUNY Oswego, LeMoyne College, Syracuse University, R.I.T., SUNY Brockport, Herkimer Community College, Mohawk Community College, etc.

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## **Employment Opportunities**

The New Vision Model is not job specific in that it is a college preparatory styled model. However, since inception in 1991, students have found employment in a variety of fields: law enforcement, retail and contract security, juvenile corrections, and a variety of other human service ventures. Many are still in college working toward associate, baccalaureate, graduate, and law degrees. Approximately 10% have opted for military careers and are located around the world in different occupational settings.

# NEW VISION – ENVIRONMENTAL SCIENCE & ENGINEERING —

## Program Location

SUNY College of Environmental Science & Forestry, 19 Moon Library, SUNY ESF, Syracuse NY 13210.  
Contract: Melinda Shimer, Learning Coordinator, (315) 470-6781.

## Program Description

This comprehensive program enables students to gain real life knowledge and experience in the environmental field. Students examine environmental issues and impacts and conduct field site research projects. Through mentorships with environmental professionals, students gain an understanding of various environmental science careers. Courses of study include forestry, fish and wildlife, soil and water, energy and technology, land uses and environmental issues. While attending the program, students earn senior credit for English 12 R, Social Studies 12 and elective credit for Environmental Science. In addition, students may earn 3 SUNY college credits in **Global Environment EFB 120** and 3 SUNY college credits in **Writing and the Environment CLL 190** through SUNY College of Environmental Science and Forestry.

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## Program Outline

1. Environmental Sustainability
2. Human Population
3. Global Environment
4. Science and Values
5. Policy Management
6. Planning and Design
7. Critical Thinking
8. Research Projects
9. Internships / Field Trips
10. Class Trip: Adirondack (Huntington Forest) Ecological Center

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## Related Academics

Integration of English 12R and Social Studies Biology, Chemistry, Earth Science & Physics. Students may earn 3 SUNY college credits in **Global Environment** and 3 SUNY college credits in **Writing and the Environment** at a reduced fee.

## Career Development

Exposure to the professional environmental science field through internships, job shadowing, guest speakers, site visits, and classroom instruction.

## Foundation Skills

1. Team Building
2. Scientific Research Design and Analysis
3. Field Techniques and Procedures
4. Resource/technology utilization

## Post Secondary Education

Most two and four-year institutions now offer environmental science degree programs. Colleges our graduates have

attended include: SUNY College of Environmental Science & Forestry, Cornell University, Paul Smith's College SUNY Morrisville, and Fingerlakes Community College, Unity College of Maine, SUNY Cortland.

## Employment Opportunities

Students graduating from the New Vision Environmental Science Course will be prepared to pursue further education in a variety of career choices. Potential environmental positions to be explored may include the following: environmental chemist, mammalogist, zookeeper, veterinarian, wetland ecologist, fisheries biologist, forester, environmental planner, hydrologist, geologist, research technician, environmental educator.



# NEW VISION – MEDICAL PROFESSIONS

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## Program Location

Syracuse VA Medical Center (on-site), St. Joseph's (off-site clinical)  
Contact: Sally Martin, Learning Coordinator, (315) 425-4400 ext. 52844.

## Program Description

The New Vision Health Careers Program is tailored to the highly motivated, academically successful student. It offers the opportunity to channel interest in the health care field into senior year studies while serving as a transition to the next level of professional development. The Syracuse VA Medical Center location provides students an immersion into the health care industry while providing them with many job shadowing and field trip opportunities. On average, students participate in 22 clinical rotations at the VA Medical Center, St. Joseph's and Crouse Hospital. Students utilize the Upstate Medical Center Library for research projects.

## Program Outline

1. History of Medicine
2. Health Care Facilities
3. Personal Management
4. Legal and Ethical Responsibilities
5. Promotion of Safety
6. Related Microbiology
7. Communication Skills
8. Medical Terminology
9. Anatomy and Physiology
10. Nutrition
11. Human Growth and Development
12. Emergency Care
13. English
14. Economics
15. Participation In Government

## Related Academics

Students earn senior credit for English 12R, Social Studies 12 and elective credit for Health Careers.

## Career Development

Many medical career shadowing experiences at VA Medical Center and St. Joseph's



## Foundation Skills

1. Basic Skills
2. Personal Qualities
3. Critical Thinking
4. Interpersonal Qualities
5. Utilizing Technology
6. Utilizing Resources



## Post Secondary Education

Crouse Irving School of Nursing  
Syracuse University  
SUNY at Albany  
SUNY at Binghamton  
Nazareth College  
Onondaga Community College  
SUNY Health Science  
St. Joseph's School of Nursing

## Employment Opportunities

Nursing  
Therapies  
Physician  
Laboratory Technician  
Medical Administrator

**NOTES**

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