

SHARED-TIME HIGH SCHOOL CAREER COURSE GUIDE

Updated on 4/18/08



2008-2010

Monmouth County Vocational School District

4000 Kozloski Rd
Freehold, NJ 07728
(732) 431-6291

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Monmouth County Vocational School District

4000 Kozloski Road
P.O. Box 5033
Freehold, NJ 07728
(732) 431-6291

DISTRICT:

The Monmouth County Vocational School District (MCVSD) is a public school district that provides career and technical training for the youth of Monmouth County. Working cooperatively with your home high school we can provide an educational plan that will lead to the next step in your quest for a rewarding and lucrative career. Many of our graduates are hired directly into their chosen occupation while others continue their education in colleges and trade schools prior to seeking employment.

In today's highly technical society most occupations require sophisticated training. Our classes provide either that level of training or a pathway to post secondary (colleges and trade schools) training that will build on your experiences with us to gain the expertise necessary to find the jobs. If you are concerned about your future and are motivated to be successful, the MCVSD can help you get there.

PROGRAMS:

In the accompanying pages you will be able to find descriptions about the programs offered by the MCVSD. They are presented here in groups of what we call Career Clusters. The Career Clusters are general headings that have been developed by the US Department of Education. They identify areas under which vocational and occupational programming can be categorized. The Office of Vocational Technical Education (V-Tecs) titles are listed along with the MCVSD course titles and locations in the next document.

ADMISSION:

To obtain an application/registration form you can go to your home school counselor or request one by calling (732) 431-6291. You should be going into the eleventh grade and meet the following criteria:

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a "C" grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an information session, open house, and tour with counselor, or other means arranged with the principal/supervisor.

The Monmouth County Vocational School District does not discriminate on the basis of race, creed, color, national origin, ancestry, age, marital status, affectional or sexual orientation, gender, religion, disability, or socioeconomic status.

*Some programs may have additional specific admissions requirements. **Make sure you look carefully at the prerequisites for each program.***

TECH PREP:

Tech-Prep 2+2 provides a strong integration of academics with vocational skills training. In Tech-Prep programs an articulation agreement has been established between the MCVSD and post secondary institutions (2 & 4 year colleges, trade and technical institutes). Credit is earned upon successful completion of the vocational/technical program and requirements established between MCVSD & participating higher educational partners. Students may continue the college/technical program until they earn an Associates or Bachelors Degree or Industry Standards Certificates.

Students must complete Brookdale CC application, including fee, Tech-prep challenge form and Tech-prep registration forms through the MCVSD counselor.

CTE (Career Technical Education) MATH & SCIENCE

Career Technical Education Math (CTEM) is a combination of Algebra, Geometry and numerical concepts. Curricula is devoted to enhancing the student's mathematical understanding within the vocational/technical area as well as assist in preparation to successfully meet the New Jersey High School Proficiency Aptitude Test (HSPA) requirement and basic skills college entrance exam (ACCUPLACER & TERRA NOVA). **Concepts are introduced by highly qualified math instructors and reinforced by the classroom instructor through hands on application.** The student's assessment is a collaboration between the math instructor and the classroom instructor.

Career Technical Education Science (CTES) is a combination of physical science, environmental science and various concepts of general science. Curricula is devoted to enhancing the student's understanding and relationship of science within the vocational/technical area as well as assist in preparation to successfully meet the proposed New Jersey High School graduation requirement. **Concepts are introduced by highly qualified science instructors and reinforced by the classroom instructor through hands on application.** The student's assessment is collaboration between the science instructor and the classroom instructor.

Integrated CTE Math (ICTEM) and Integrated CTE Science (ICTES) consists of topics from a wide variety of mathematical fields such algebra, geometry, trigonometry, probability and statistics. Integrated mathematics emphasizes the relationships among topics within mathematics as well as science concepts such as biology, chemistry, physics, environmental and social science. The program revolves around real world problems and emphasizes the development of critical thinking, communication skills and problem solving abilities. **The teaching concepts are delivered by the classroom instructor,** which includes hands-on explorations, discussions, cooperative groups, lectures and special projects in an attempt to meet various learning styles. Business, industry and colleges demand that people know mathematical concepts. But they must also be able to communicate their ideas and apply those mathematical and science concepts to "real world" situations.

STRUCTURED LEARNING:

Monmouth County Vocational School District's Structured Learning Program is designed to ensure that students are offered career pathways planning, employability skill development, occupational, workplace and/or other employment experiences related to a chosen career area. It creates well-marked paths students can follow from school to good first jobs and/or from school to continuing education. Structured Learning unites business and industry, organized labor, community-based organizations, parents, schools, and higher education in partnership to ensure the students become skilled workers with a desire for life-long learning. The Structured Learning system integrates school-based learning and work-based learning with career preparation- including applied academics and connecting activities.

STUDENT ACTIVITIES:

As a student enrolled at MCVSD students are encouraged to participate in clubs listed below. Members of these clubs participate in leadership events competing against students from other vocational schools throughout the state and nation. In the course descriptions you will find the clubs listed for each program.

Skills USA, Future Business Leaders of America (FLBA) and Health Occupations Students of America (HOSA).

MCVSD SHARED TIME LOCATIONS AND CONTACTS

Building	Phone	Principal/Supervisor	Counselor
Aberdeen	(732) 566-5599	James Johnson James Fiasconaro Ed.D.	Kristen Keane
Asbury Park	(732) 988-3299	Michael Sirianni	Ellen Jaspan
Freehold	(732) 462-7570	James Johnson James Fiasconaro Ed.D.	Kristin Keane Eileen Ohliger
Hazlet	(732) 264-4995	James Johnson James Fiasconaro Ed.D.	Kristen Keane
Keyport	(732) 739-0592	James Johnson James Fiasconaro Ed.D.	Eileen Ohliger
Law Program	(732) 462-7570	James Johnson/Denise Kebeck	Kristen Keane Eileen Ohliger
Middletown	(732) 671-0650	James Johnson/Denise Kebeck	Eileen Ohliger
Neptune Annex	(732) 431-7245	Assunta Pavlisko Ed.D.	Melinda Kelly
Wall	(732) 681-1010	James Gleason	Cathy Simprini Joseph Senerchia

SCHOOL TIME SCHEDULES

Aberdeen	AM 7:40 – 10:20 PM 11:30 – 2:10
Asbury Park	AM 7:40 – 10:20 PM 11:05 – 1:45
Freehold	AM 7:40 – 10:20 PM 11:30 – 2:10
Hazlet	AM 7:40 – 10:20 PM 11:30 – 2:10
Keyport	AM 7:40 – 10:20 PM 11:30 – 2:10
Neptune Annex	AM 7:40 – 10:20 PM 11:30 – 2:10
Middletown	AM 7:40 - 10:20 PM 11:30 - 2:10
Wall	AM 7:40 – 10:20 PM 11:45 – 2:25



ARCHITECTURE AND CONSTRUCTION



CARPENTRY

**Location: 417 Middle Road
Hazlet, NJ 07730
Phone: (732) 264-4995**

DESCRIPTION

A two-year program designed to prepare students to enter the field of carpentry and either work for a carpenter, own their own carpentry business or enter the Carpenters Union if they desire. The high school curriculum is designed to develop entry-level workforce skills and also allow the students to receive advance standing and acceptance in the carpentry field.

CIP CODE: 460201

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Carpentry Technology 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Carpentry Technology 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Building materials (lumber sizes, kinds, defects, board feet), engineered lumber, and non-wood
- General safety rules
- Use of various carpentry tools used in the trade. Use of leveling instruments
- Transit plan specifications and codes
- Footings and foundations, constructing a floor, wall, and ceiling frames
- Roof framing, types of roofing materials and methods
- Window types and doors, exterior walls, ceiling fixtures, finish flooring

- Stair construction, doors, and interior trim, cabinetmaking
- Painting, finishing, decorating, chimneys, fireplaces, post and beam construction
- Solar constructions, remodeling, renovations, repairing, scaffolds and lumber

CAREER PATHWAYS

Occupational

- Carpenter
- Carpenter's Helper
- Cabinet Maker
- Sheet Rocker
- Framer
- Roofer
- Sider

Military Service

- All branches

Post Secondary Training

- Associates Degree, Bachelors Degree, Apprenticeship

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Community-based construction projects
- Classroom-based building projects

ELECTRICITY

**Location: 2 Swartzel Drive
Middletown, NJ 07748
Phone: (732) 671-0650**

DESCRIPTION

Electricity is a two-year program offering the students an opportunity to learn and experience the skills necessary to achieve an entry-level position in the electrical contracting field. The curriculum includes class work instruction in electrical theory in Ohm's Law, Power and AC & DC circuitry. Students will be able to perform calculations of resistance, current, voltage and wattage in series and parallel circuits. The National Electrical Code plays a major roll in the course of study. The curriculum offers hands-on work, as well as resume writing, job application, and interviewing skills.

CIP CODE: 460302

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a "C" grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

Level 1:

Electricity 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Electricity 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credit

PROGRAM SKILLS AND TASKS

- Install residential outlets and lighting circuits
- Install commercial and industrial machine and equipment circuits
- A comprehensive knowledge of the National Electricity Code
- Obtain skills necessary to obtain an entry-level job in the residential wiring field
- Conduit bending and installation
- Install electrical services
- Install major appliance and heating circuits

CAREER PATHWAYS

Occupational

- Residential Electrician/Contractor
- Commercial Electrician/Contractor
- Maintenance Electrician
- Plant Electrician

Military Service

- All branches

Post Secondary Training

- Associates Degree, Bachelors Degree, Union training

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Electrical projects within classroom and building

HEATING, VENTILATING, AIR CONDITIONING & REFRIGERATION

**Location: 21 Robertsville Road
Freehold, NJ 07728
Phone: (732) 462-7570**

DESCRIPTION

HVAC/R is an academically challenging two-year program designed to prepare students for all aspects of the design, installation, operation and repair of residential and commercial heating, ventilating, air conditioning and refrigeration systems. Studies will include theoretical and practical applications of heat sources, ventilation and air conditioning equipment and refrigeration systems, covering in depth all aspects of these systems, including refrigeration cycles, electrical systems, and heat transfer.

CIP CODE: 470201

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

Level 1:

HVAC/R 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

HVAC/R 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Assemble and connect refrigeration lines and check for leakage.
- Connect wiring to electrical outlets and terminals
- Lubricate mechanisms, test and adjust valves and check for malfunctions.
- Make repairs to equipment, lines and controls.
- Install ductwork and furnaces, and adjust burners and blowers.

CAREER PATHWAYS

Occupational

- Service Technician
- Installation Technician
- Sheetmetal Duct Installation
- Refrigeration Technician
- Heating system installer

Military Service

- HVAC/R
- Boiler
- Pipefitter

Post Secondary Training

- Apprenticeship
- AS Degree Designer
- BS Degree Engineer
- Business Management
- Power Plant Management

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- EPA certified refrigerant approved handling certification Type I, II, III, and Universal
- Air Conditioning and Refrigeration Institute certificate of competency in residential systems will be awarded to students who pass the qualifying tests
- Monmouth County Vocational Program certificate
- Skills Profile
- OSHA10 General Safety

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Students repair air conditioning and refrigeration devices for the public

RESIDENTIAL AND COMMERCIAL PLUMBING AND PIPEFITTING

**Location: 280 Atlantic Street
Keyport, NJ 07735**

Phone: (732) 739-0592

DESCRIPTION

Residential and Commercial Plumbing and Pipefitting is a two-year course designed to prepare students to enter the plumbing trade with basic plumbing skills and knowledge of plumbing code theory.

CIP CODE: 460503

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Plumbing and Pipefitting 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Plumbing and Pipefitting 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Soldering copper tubing
- Threading and cutting steel pipe
- Installing PVC draining lines
- Installing hydroid heating system
- Installing rough plumbing
- Installing final plumbing fixture
- Basic knowledge of National Standard Plumbing Code
- Identification of fittings
- Plumbing system pipe sizing

CAREER PATHWAYS

Occupational

- Plumbing helper
- Pipefitter
- Water conditioning mechanic
- Well driller
- Sprinkler fitter
- Plumbing supply associate

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include: job shadowing, internships, community service, apprenticeship and paid work experiences. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

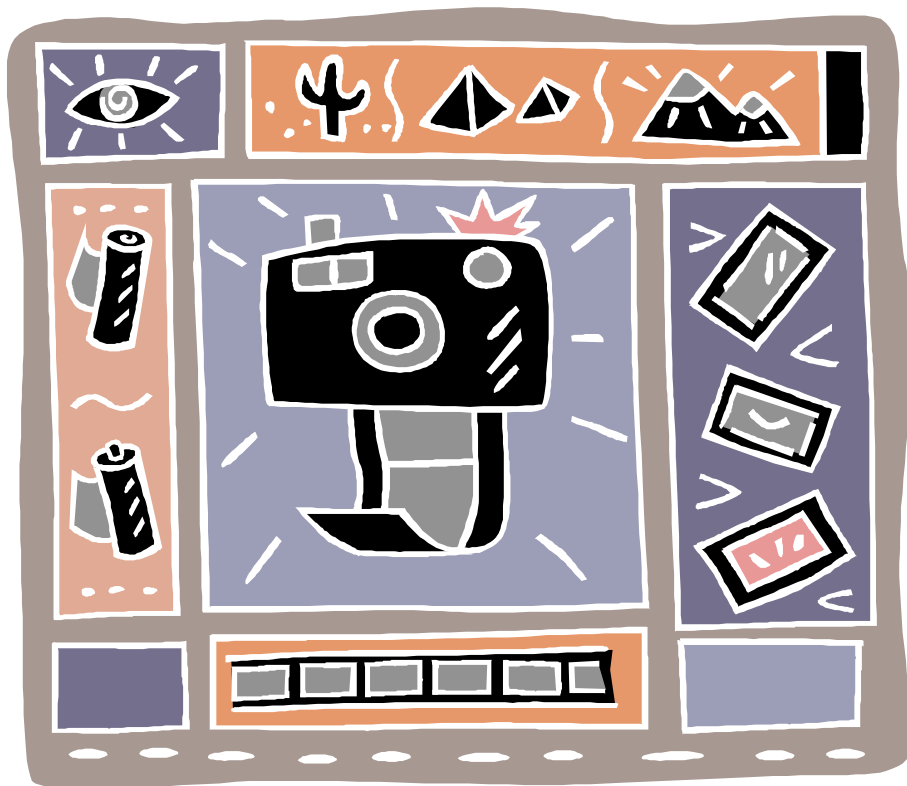
STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

PAST PROGRAM AWARD RECOGNITION

- New Jersey Builder's Association outstanding student award
- Plumbing, Heating, Cooling Contractor's outstanding student award

ARTS AUDIO/VIDEO TECHNOLOGY AND COMMUNICATION



COMMERCIAL ART

**Location: Atlantic Avenue
Aberdeen, NJ 07747
Phone: (732) 566-5599**

DESCRIPTION

This two-year program will provide a solid foundation for students interested in the field of Commercial Art. Students will refine their fine art skills through fundamentals of perspective and shading and extensive board work. Photography is covered in digital and single lens reflex modalities. Heavy emphasis on computers as a digital imaging tool is covered during both years. Adobe Illustrator, Quark Express, Type Styler, and Photoshop are computer software programs that students will work with. Students are encouraged to use their creative talents to develop marketable examples of commercially applied artwork.

CIP CODE: 500402

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Commercial Art 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Commercial Art 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Lay out and design advertisements
- Produce photographic art
- Produce thumbnail layouts
- Create advertisement displays
- Produce artwork in various mediums
- Produce silkscreen images

- Design digital artwork with the computer
- Utilize multiple lettering styles

CAREER PATHWAYS

Occupational

- Design marketing
- Computer designer
- Silkscreen designer
- Photographic imaging
- Graphic designer
- Web designer
- Comic book artist

Military Service

- Photography
- Public relations
- Map making

Post Secondary Training

- Associates Degree Advertising Art
- Bachelor of Arts Degree

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Students produce artwork for non-profit public agencies
- Students will participate in class trips to observe commercial artists in the workplace

GRAPHIC ARTS

**Location: New Bedford Road
Wall, NJ 07719
Phone: (732) 681-1010**

DESCRIPTION

The goal of this program is to integrate the concepts and practices of offset printing and graphic design. The Visual/Graphic program incorporates applied math, science and intermediate design skills. Upon completion, the students will have developed skills in offset printing, resume, and skills profiles documenting student mastery of proficiencies in the field of Graphic Design.

CIP CODE: 100305

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Graphic Arts 1	10 credits
Integrated Math	5 credits
Integrated Science	5 credits

Level 2:

Graphic Arts 2	10 credits
Integrated Math	5 credits
Integrated Science	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Image planning, generating, and assembly
- Image conversion and darkroom procedures
- Assemble film flats and image carrier preparation
- Reproduce images by offset press/digital/other
- Finishing operations
- Management and employment

CAREER PATHWAYS

Occupational

- Bindery worker
- Prepress precision worker
- Desktop publisher
- Film stripper
- Job printer
- Paste-up worker
- Plate maker
- Camera operator
- Typesetting and composing
- Machine operator
- Printing press operator

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Print Ed Certification
- Monmouth County Vocational School Program Certificate
- Skills Profile

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

VISUAL COMMUNICATIONS—TECH PREP

Location: New Bedford Road

Wall, NJ 07719

Phone: (732) 681-1010

DESCRIPTION

The goal of this program is to integrate the concepts of marketing with design skills, traditional board work, hardware and software applications. Visual Communications is project-based, incorporating applied math, statistics, environmental science, and chemistry, basic, intermediate, and advanced design skills. The course will be taught by a tech prep team of three teachers certified in the areas of math, science and commercial art. Upon completion, students will have developed a professional quality presentation portfolio, resume, and a skill profile, documenting student mastery of proficiencies in the field of Visual Communications.

CIP CODE: 500402

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- Student must have successfully completed Algebra I

CREDITS EARNED

2-Year Program

Level 1:

Visual Communications 1	10 credits
Advanced Technical Math	5 credits
Environmental Science	5 credits

Level 2:

Visual Communications 2	10 credits
Statistics	5 credits
Applied Chemistry	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Commercial Art vocabulary, tools, and usage
- Basic design terms: repetition, asymmetrical balance, horizontal balance, empty line, rhythm, linear perspective, gradation of density, symmetrical balance, radial balance, vertical balance, bump line, value, overlapping planes
- Three dimensional package design
- Advanced typography
- Label design and newsletter design
- Advanced software application: Adobe Illustrator, Adobe Photoshop, Adobe In Design
- Drawing tools, usage and safety
- Portfolio preparation and review

CAREER PATHWAYS

Occupational

- Graphic artist
- Illustrator
- Desktop publishing specialist
- Web designer
- Advertising
- Interior design
- Industrial design

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

HEALTH SCIENCE



Students participating in a Health Science Program MUST receive medical clearances from personal physicians/clinics prior to entering programs (forms attached to applications). All medical forms must include laboratory results and immunization results.

Students participating in a Health Science Program are subject to a criminal background check as required by cooperating facilities /Agencies. It is a requirement of all students to participate in an internships/job shadowing experiences arranged in cooperation with the classroom instructors.

Students need proper documentation such as current address and SS# in order to obtain a certification from State Board of Nursing.

ALLIED HEALTH, (MEDICAL LABORATORY TECHNOLOGY, RADIOLOGIC TECHNOLOGY AND RESPIRATORY THERAPY TECHNOLOGY)—TECH PREP

Location: 2 Swartzel Drive, Middletown—Level 1
Brookdale Community College Campus—Level 2
Phone: (732) 671-0650

DESCRIPTION

This is a 2+2 program for high school junior and seniors on a shared-time basis. This academic pathway leads to a career in health care. Students can earn up to 9 college credits from BCC towards a degree in Nursing, Respiratory Therapy, or Radiologic Technology. They can also articulate with UMDNJ for a degree in medical Laboratory Technician. Students may declare a specialization area in the second year of their course studies.

CIP CODE: 511004,510908, 511699

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- Student must have successfully completed a grade of “C” or better in **Algebra I**
- Student must have successfully completed a Grade “C” or better in a Laboratory **Biology**. (Students entering program with Chemistry will be required to complete quarterly independent projects for the ICTES I program).

CREDITS EARNED

2-Year Program

Level 1:

Allied Health 1	10 credits
CTE Math I	5 credits
Chemistry/ICTES I	<u>5 credits</u>
	20 credits

Level 2:

Allied Health 2*	10 credits
CTE Math II	5 credits
ICTE Science II	<u>5 credits</u>
	20 credits

Brookdale Community College:

Level II

Intro to Allied Health	3 credits
Psychology 106	3 credits
English 155 Elective	<u>3 credits</u>
Total College	9 credits

**University of Medicine & Dentistry:

Dynamics of Health Care	3 credits
Medical Terminology	3 credits
Emergency & Clinical Care	<u>3 credits</u>
Total	9 credits

Allied Health 2 is a combination of Nursing, Medical Lab Tech, Respiratory Therapy, Radiologic Technology. **UMDNJ—MUST take & pass challenge exams for credit.***

PROGRAM SKILLS AND TASKS

- Patient care skills
- History of medicine and nursing
- Time management skills
- Career planning and workplace readiness skills
- Personal care skills
- Assessment of vital signs
- Infection control techniques
- Health and safety procedures
- Medical terminology
- Anatomy and physiology of body systems
- Body mechanics and transferring skills
- Professionalism and leadership
- Growth and development
- Ethical issues in health care
- Problem solving, critical thinking and the nursing process
- Scope of practice of health occupations
- First aid skills, CPR
- Fundamentals of pathophysiology and microbiology
- Fundamentals of nursing
- Fundamentals of radiologic technology
- Fundamentals of respiratory therapy technology
- Fundamentals of medical laboratory technology
- Medical math
- Communication skills
- Nutrition
- Cultural diversity

CAREER PATHWAYS

Occupational

- Home Health Aide
- Patient care assistant
- Medical assistant
- Nurse's aide

Military Service

- All branches

Post Secondary Continuing Education

- Licensed Practical Nurse
- Registered Nurse
- Advanced Practice Nurse
- Respiratory therapist tech
- Radiology technician
- Medical laboratory technician
- Ultrasound technician
- CAT scan technician
- Mammography technician
- MRI technician
- Phlebotomist
- Medical laboratory assistant
- Nuclear Med technician
- Respiratory therapist
- Sleep lab technician
- Associates, Bachelors, or Masters Degrees or PhD

POST SECONDARY ARTICULATIONS

- Brookdale Community College
- Monmouth County Vocational School LPN program
- UMDNJ (University of Medicine & Dentistry of New Jersey)

SCHOOL-TO-CAREER OPPORTUNITIES/INTERNSHIP

Level I students participate in “job shadow” healthcare professionals at local health care facilities. Level 2 students spend 1-2 days a week (16-24 hours total) at a nursing home to practice patient skills and complete requirements for their Home Health Aide certification.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- Home Health Aide Certification (if over age 18 and have promise of a position)
- OSHA10 General Safety and Health Certificate
- American Heart CPR certification for healthcare providers

STUDENT ACTIVITIES

- HOSA (Health Occupations Students of America)—<http://www.hosa.org>
- Field trips to local hospitals, nursing homes, and health care facilities
- Community service projects
- Health Fairs

DENTAL ASSISTING

**Location: 417 Middle Road
Hazlet, NJ 07730
Phone: (732) 264-4995**

DESCRIPTION

The program prepares the student with the essential workplace readiness skills to work in a dental office. These skills are related to knowledge of the dental profession, infection control and hazard management, health and medical emergencies, preventive dental assisting procedures and oral health, chair-side assisting procedures, assisting with dental specialties, dental materials and laboratory procedures, office and business administrative procedures, radiographic procedures. This unique two-year program offers the student the opportunity to acquire up to nine college credits through the University of Medicine and Dentistry of New Jersey while fulfilling their high school requirement.

CIP CODE: 510601

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:		Level 2:	
Dental Assisting 1	10 credits	Dental Assisting 2	10 credits
CTE Math I	5 credits	ICTE Math II	5 credits
CTE Science I	<u>5</u> credits	ICTE Science II	<u>5</u> credits
		Total	40 credits

*College Credits UMDNJ:

Head and Neck Anatomy	3 credits
Dynamics of health Care in Society	3 credits
Dental Health Education	1 credit
Medical Emergencies in the Dental Office	1 credit
Practice Management	<u>1 credit</u>
Total College	9 credits

**UMDNJ–MUST take & pass challenge exams for credit.*

PROGRAM SKILLS AND TASKS

- Assist the dentist chair-side
- Record and chart conditions of the oral cavity
- Pour and trim models
- Prepare instruments and materials for designated procedures
- Prepare and mix dental cements and impression materials
- Perform basic first aid procedures
- Perform clerical procedures
- Administer CPR—American Heart Association
- Perform asepsis and sterilization techniques
- Perform general office accounting procedures
- Assist in radiological procedures
- Demonstrate proper safety techniques

CAREER PATHWAYS

Occupational

- Dental assistant
- Dental hygienist
- Dental lab technician
- Dentist (specialties)

Military Service

- All branches

Post Secondary Training

- Associates Degree, Bachelors Degree, Occupational certificates/licenses

EMPLOYER/POST SECONDARY ARTICULATIONS

- University of Medicine and Dentistry of New Jersey

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Certified in CPR—American Heart Association
- 9 college credits--UMDNJ
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Health Occupations Students of America (HOSA)—<http://www.hosa.org>
- Skills USA—www.skillsusa.org
- American Dental Assistants Association (ADAA)
- New Jersey Dental Assistants Association (NJDA)

DIETARY ASSISTANT / PATIENT CARE ASSISTANT/ HOME HEALTH AIDE

**Location: 280 Atlantic Street
Keyport, NJ 07735
Phone: (732) 739-0592**

DESCRIPTION

The Dietary Assistant/Patient Care Assistant/ Home Health Aide Program is a two – year program for juniors and seniors in high school. The program is unique, in that, the classroom is work based after the first three months each year. This concept develops work place readiness skills, professional behavior, and provides immediate access to many types of jobs upon graduation. Students rotate through many departments in the hospital, including clinical and administrative, giving them a wider variety of experience and exposure to careers in the health field. Students will additionally have clinical experience in the nursing and dietary departments in a long-term care facility (nursing home) and community hospital.

CIP CODE: 511614

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Dietary Assistant /Patient Care Assistant/ Home Health Aide	10 Credits
CTE Math I	5 Credits
CTE Science I	<u>5 Credits</u>
	20 Credits

Level 2:

Dietary Assistant /Patient Care Assistant/ Home Health Aide	10 Credits
ICTE Math II	5 Credits
ICTE Science II	<u>5 Credits</u>
	20 Credits

PROGRAM SKILLS AND TASKS

- Patient Care Skills
- Assessment of Vital Signs
- Infection Control Techniques
- Health and Safety Procedures
- Medical Terminology
- Anatomy and Physiology of Body Systems
- Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillator (AED)
- Basic First Aid Skills (AED)
- Electrocardiography (EKG)
- Phlebotomy
- Principles of Nutrition and the role of the Dietary Assistant in Health Care
- ServSafe Certification

CAREER PATHWAYS

Occupational

- Homemaker- Home Health Aide
- Patient Care Assistant
- Dietary Assistant

Military Service

- All Branches

Post Secondary Training

- Monmouth County Vocational School District – Practical Nursing Program
- Associates Degree RN
- Bachelors Degree RN

Employers Participating in Internships

- Bayshore Community Hospital
- Regency Park Nursing Home
- The Willows at Holmdel
Assisted Living
- Arnold Walter Nursing Home

STRUCTURED LEARNING OPPORTUNITIES/INTERNSHIP

As required by the program, Level I and Level 2 students participate in an internship experience at local health care facilities two days a week.

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of

study. Workplace mentors from the employer and the school, work together to provide an individualized learning experience for each student enrolled.

CERTIFICATES UPON GRADUATION

- Hospital Patient Care Assistant and Nurse Aide
- Certified Homemaker-Home Health Aide (C.H.H.A)
- EKG
- American Red Cross Adult CPR, First Aid, and AED
- Monmouth County Vocational School District Program certificate
- Skills Profile
- Serv Safe

STUDENT ACTIVITIES

- Health Occupation Students of America (HOSA)—<http://www.hosa.org>

NURSING—TECH PREP

Location: 2 Swartzel Drive, Middletown—Level 1
Brookdale Community College Campus—Level 2
Phone: (732) 671-0650

DESCRIPTION

This is a 2+2 program for high school juniors and seniors on a shared-time basis. This academic pathway leads to a career in health care. Students can earn up to 9 college credits from BCC towards a degree in Nursing. They can transfer to another 2 or 4-year college after completion of this program.

CIP CODE: 511699

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- Student must have successfully completed **Algebra I** with a grade of “C” or better.
- Student must have successfully completed Grade C or better in a **Laboratory Biology**. (Students entering program with Chemistry will be required to complete quarterly independent projects for the ICTES I program).

CREDITS EARNED

2-Year Program

Level 1:

Allied Health 1 10 credits

CTE Math I 5 credits

Chemistry/ICTES 5 credits

Level 2:

Allied Health 2* 10 credits

CTE Math II 5 credits

ICTE Science II 5 credits

Total 40 credits

Brookdale Community College: Level II

Intro to Allied Health 3 credits

Psychology 106 3 credits

English 155 3 credits

**University of Medicine & Dentistry:

Dynamics of Health Care 3 credits

Medical Terminology 3 credits

Emergency & Clinical Care 3 credit

Total College

9 credits

Total

9 credits

**Allied Health 2 will be in the concentration of the student's choice: Nursing, Medical Lab Tech, Respiratory Therapy, and Radiography Technology. **UMDNJ–MUST take & pass challenge exams for credit.*

PROGRAM SKILLS AND TASKS

- Patient care skills
- History of medicine and nursing
- Time management skills
- Career planning and workplace readiness skills
- Personal care skills
- Assessment of vital signs
- Infection control techniques
- Health and safety procedures
- Medical terminology
- Anatomy and physiology of body systems
- Body mechanics and transferring skills
- Professionalism and leadership
- Growth and development
- Ethical issues in health care
- Problem solving, critical thinking and the nursing process
- Scope of practice of health occupations
- First aid skills, CPR
- Fundamentals of pathophysiology and microbiology
- Fundamentals of nursing
- Medical math
- Communication skills
- Nutrition
- Cultural diversity

CAREER PATHWAYS

Occupational

- Home Health Aide
- Patient care assistant
- Medical assistant
- Nurse's aide

Military Service

- All branches

Post Secondary Training

- Licensed Practical Nurse
- Registered nurse
- Advanced Practice Nurse
- Nurse Practitioner

- Clinical Nurse Specialist
- Nurse Anesthetist
- Nurse Midwife
- Legal Nurse Consultant
- School Nurse
- Community Health Nurse
- Forensics Nursing
- A.D.N., B.S.N., M.S.N., or Ph.D. in nursing
- Certifications in specialty areas

EMPLOYER/POST SECONDARY ARTICULATIONS

- Brookdale Community College
- Monmouth County Vocational School LPN program
- UMDNJ (University of Medicine & Dentistry of New Jersey)

SCHOOL-TO-CAREER OPPORTUNITIES/INTERNSHIP

Level I students participate in “job shadow” healthcare professionals at local health care facilities. Level 2 students spend 1-2 days a week (16-24 hours total) at a nursing home to practice patient skills and complete requirements for their Home Health Aide certification. Students do a clinical rotation for 16 weeks at the nursing home and a 7 week rotation – job shadowing at the hospital.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- Home Health Aide certification (if over age 18 and have promise of a position)
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- CPR certification for healthcare providers
- HOSA (Health Occupation Students of America)—<http://www.hosa.org>
- Field trips to local hospitals, nursing homes, and health care facilities
- Community service projects

PATIENT CARE/MEDICAL ASSISTING (PC/MA)

**Location: 105 Neptune Blvd., Suite 307
Neptune, NJ 07753
Phone: (732) 431-7245**

DESCRIPTION

The Patient Care/Medical Assistant Program is a two-year program for juniors and seniors in high school. This concept develops workplace readiness skills, professional behavior, and provides immediate access to many types of jobs upon graduation. Students rotate through many departments in the hospital, including clinical and administrative, giving them a wider variety of experience and exposure to careers in the health field. Students will additionally have clinical experience in a long-term care facility (nursing home and assisted living facility).

CIP CODE: 510801

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

PC/MA 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

PC/MA 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Patient care skills
- Assessment of vital signs
- Infection control techniques
- Health and safety precautions
- Medical terminology
- Anatomy & physiology of body systems
- CPR
- Basic first aid skills (AED)
- Principles of nutrition and physical fitness

CAREER PATHWAYS

Occupational

- Homemaker-Home Health Aide in the home setting (HHA)
- Medical assistant (clinical and clerical) (MA)
- Patient care associate (PCA)
- Nursing assistant (hospital) (NA)
- Certified nurse aide in a long-term facility (CNA)

Military Service

- All branches

Post Secondary Training

- MCVSD Practical Nursing program
- Associates Degree-Registered Nurse (RN)
- Bachelors Degree

EMPLOYER/POST SECONDARY ARTICULATIONS

- Hospital: Monmouth Medical Center (MMC)
- Nursing Home
- Assisted Living

STRUCTURED LEARNING

- Doctors offices
- Hospitals
- Nursing homes
- Assisted Living facilities
- Insurance companies
- Adult day care centers
- Other health care employment

CERTIFICATES UPON GRADUATION

- Home Health Aide (HHA)
- Hospital Patient Care Assistant and Nurse Aide (PCA, NA)
- Certified Nurse Aide in long-term care (CNA)
- EKG
- American Red Cross, Adult, Infant, Child CPR and Basic First Aid, AED
- Medical Assistant (clerical, clinical)
- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Health Occupation Students of America (HOSA)—<http://www.hosa.org>

HOSPITALITY AND TOURISM



CULINARY ARTS TECH PREP

Location: Culinary Education Center
101 Drury Lane
Asbury Park, NJ 07712
Phone: (732) 988-3299

DESCRIPTION

The Culinary Education Center is a collaboration between Brookdale Community College and Monmouth County Vocational School District. The Culinary Education Center offers a comprehensive, innovative food preparation and management program of study to area students, adults, and professionals. The high school curriculum is designed to develop entry-level workforce skills and also allow the student to receive advance standing and acceptance in the Culinary Arts Associate Degree Program while in high school. Students may complete 8 college courses totaling 19 credits. The Culinary Education Center is student-centered, dedicated to providing a high-quality culinary educational experience. The facility offers state-of-the-art kitchens, lecture rooms, and computer/distance learning labs stressing the application of technologies for instruction as well as in the culinary industry. Trained on campus or in worksite locations with collaborative hotels and restaurants, students experience both school-run and work-site food service operations designed to prepare students for a career in the food service/hospitality industry.

CIP CODE: 120503

PREREQUISITES

- Student must have an expressed interest in the Hospitality Industry. Uniforms are required.
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parent must tour the program prior to application. This may be accomplished through attendance at an open house, orientation, teacher interview, tour with counselor, or other means arranged with the principal.
- It is recommended that students take General Biology or a Food Science

CREDITS EARNED

2-Year Program

Level 1:

Culinary Arts	10 credits
Applied Culinary Math	5 credits
Sanitation and Safety	5 credits

Level 2:

Culinary Arts	10 credits
Applied Culinary Math	5 credits
Applied Science	5 credits
Total High School	40 credits

College Courses

Food Preparation I	3 credits
Sanitation and Safety	1.5 credits
Food Preparation II	3 credits
Baking I	3 credits
Breakfast Cookery	2 credits
Lunch Cookery	3 credits
Dining Room I	2 credits
Culinary Math	1.5 credits
Total College	19 credits

PROGRAM SKILLS AND TASKS

- Identification and use of kitchen equipment, tools, knives, herbs, fruit, vegetables, meats
- Ability to prepare basic stocks, sauces, vegetables, starches, meats, dairy, fruit, desserts
- Demonstrate food preparation skills: bake, boil, braise, fry, grill, roast, sauté, simmer, steam, stir fry
- Read, prepare/measure ingredients and follow recipes
- Application of food preparation skills through baking, breakfast, and lunch cookery
- Ability to apply learned skills in a work-based learning environment
- Demonstrate American and buffet dining room service
- Practice sanitation and safety skills

CAREER PATHWAYS

- The industry encompasses: restaurants, beverage operations, supermarkets, corporate food service, hospitals, schools, institutions, hotels, resorts, convention centers, theme parks, casinos, cruise lines, and airlines.
- The industry offers a variety of job titles: Executive/Sous/Banquet/Pastry/Personal Chef, Chef Educator, Line/Grill/Sauce/Broiler/Fry/Pastry Cook, Meat Cutter, Salad Prep, Baker, Maitre d', Captain, Food and Beverage Director, Banquet/Restaurant Manager, Food Service Director/manager/Educator, Dietician, Purchasing Agent, Recipe/Menu Developer, Food Sales, Food Editor/Stylist.

FURTHER EDUCATION OPTIONS

- Associates and Bachelors Degrees in Culinary Arts and Hospitality Management

EMPLOYER/POST SECONDARY ARTICULATIONS

- Seamless enrollment in BCC Culinary Arts Associate Degree Program (19 credits). A BA degree in Hospitality Management is available through a BCC articulation with Fairleigh Dickerson University.
- MCVSD Culinary Arts High School program has articulation agreements: Johnson and Wales University, New England Culinary Institute

SCHOOL-TO-CAREER OPPORTUNITIES/INTERNSHIPS

- Work-based classrooms: Sheraton Hotel, Eatontown; Seabrook Village, Tinton Falls.
- Structured Learning experiences with local industry work sites

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School District Culinary Arts Certificate
- Monmouth County Vocational School District Baking Certificate
- National Restaurant Association SERV-SAFE Certification
- Skills profile

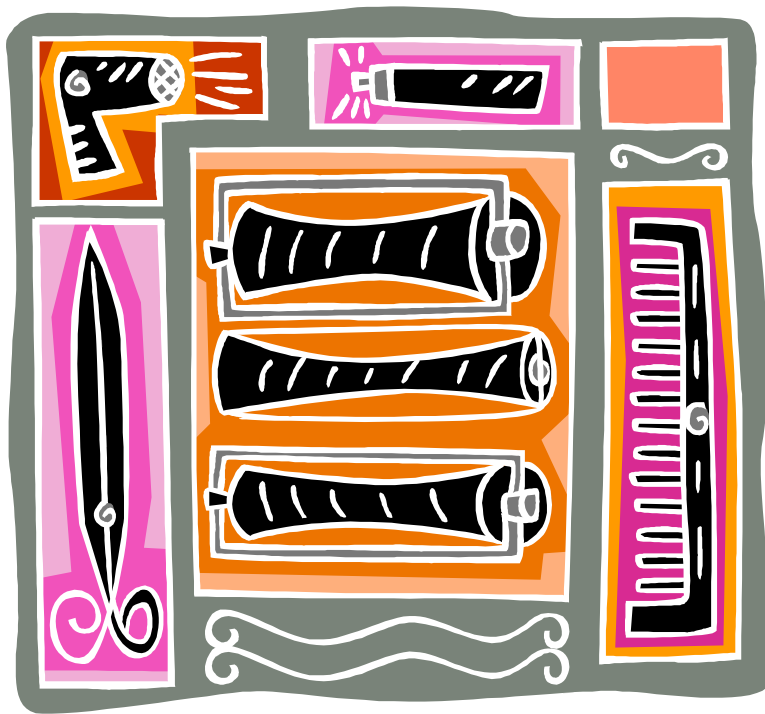
STUDENT ACTIVITIES

- Skills USA-VICA- www.skillsusa.org
- ACF (American Culinary Federation)—<http://www.acfchefes.net>

PROGRAM AWARDS/RECOGNITION

- New Jersey Best Practice Award for School-to-Career Business Partnerships
- New Jersey Association of School Administrators and New Jersey School Boards Association Exemplary Partners in Education Award
- VICA gold medals in Commercial Baking, Food and Beverage competitions
- ACF gold medal in Hot and Cold Appetizers
- Skills USA 5 gold medals (2005-2006)

HUMAN SERVICES



COSMETOLOGY

Locations:

Freehold

21 Robertsville Road
Freehold, NJ 07728
(732) 462-7570

Hazlet

417 Middle Road
Hazlet, NJ 07730
(732) 264-4995

Keyport

280 Atlantic Street
Keyport, NJ 07735
(732) 739-0592

Neptune

105 Neptune Blvd.
Neptune, NJ 07753
(732) 431-7245

DESCRIPTION

The curriculum is delivered in a two hour and forty minute block of daily instructional time spanning two years. The curriculum is designed to provide 1000 hours of study that must be accomplished and documented by each student for licensure. All students must take a comprehensive written and practical examination before qualifying for the license. A minimum of 850 hours must be documented before a student can take the examination in May of their senior year.

CIP CODE: 120401

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- **All High School 10th and 11th grade students interested in applying for the MCVSD Cosmetology Program must take and pass the Cosmetology Entrance Exam offered in March of each year. You can call 732-462-7570 for the day and time of this exam. This 3-part exam covers: Practical dexterity, Reading Comprehension and basic Mathematical Computation.**

CREDITS EARNED

2-Year Program

Level 1:

Cosmetology I	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Cosmetology 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Shampoo and condition hair and scalp
- Cut, shape, and/or straighten hair
- Perform manicures/advanced nail techniques
- Skin care techniques
- Perform permanent waves/chemical straightening
- Mix and apply hair color
- Prepare an effective employment resume/portfolio

CAREER PATHWAYS

Occupational

- Stylist/haircutter
- Barber
- Manicurist
- Skin care specialist
- Platform artist
- Product educator

Military Service

- Hairdresser

Post Secondary Training

- AS Degree Business
- BS Degree Business
- Salon owner/manager

EMPLOYER/POST SECONDARY ARTICULATIONS

- Many barber and salon stylist cosmetologists are employed in Monmouth County
- Salon owner graduates of our programs come back to volunteer and hire graduates

CERTIFICATES UPON GRADUATION

- NJ State Board of Cosmetology License upon passing the qualifying exam
- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

PAST PROGRAM AWARD RECOGNITION

- State of New Jersey Extraordinary Standards Program

INFORMATION TECHNOLOGY



ADVANCED NETWORKING—TECH PREP

**Location: 2 Swartzel Drive
Middletown, NJ 07748
Phone: (732) 671-0650**

DESCRIPTION

The Advanced Networking program is a two-year intensive personal computer networking experience directed to students who will be continuing their education at a two or four year college or university. The program is designed to take the student from the physical layer through network administration in a coherent and structured manner.

CIP CODE: 151202

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- Student must have successfully completed (Grade “C” or better) Algebra I
- Student must have successfully completed (Grade “C” or better) one year of lab biology.

CREDITS EARNED

2-Year Program

Level 1		Level 2	
Advanced Networking 1	10 credits	Advanced Networking 2	10 credits
CTE Math I	5 credits	ICTE Math II	5 credits
CTE Science I	<u>5 credits</u>	Visual Basic	<u>5 credits</u>
	20 credits	Total	40

Brookdale Community College

COMP 145	Intro to UNIX	4 credits
NETW 106	Intro to Networking	3 credits
NETW 107	Intro to Security	3 credits
COMP 185	Programming in Visual Basics	<u>4 credits</u>
		14 credits (total)

*Students must complete application to BCC, complete Tech –Prep challenge form, Tech-Prep registration form and complete an additional 12 credits at BCC in order to receive 14 credits earned through MCVSD
All grades given from BCC are Pass (P) or Fail (F)*

PROGRAM SKILLS AND TASKS

- Clear understanding of cable topologies and equipment used to install and cabling systems
- A+ certification—install and maintain microcomputer systems
- CISCO CCNA Academy Certification Semester 1 and 2
- Basic understanding of current network topologies and standards
- Advanced Micro Computer hardware concepts
- Visual Basic programming
- TCP/IP networking/network Security
- Proficient in installing and troubleshooting networks based on Microsoft and UNIX server technologies

CAREER PATHWAYS

Occupational

- Networking Administrator (CCNA)
- Cabling Specialist (Ctech Cabling)
- PC Installation and Repair/Help Desk (A+ Certification)
- Web Designer

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree
- Industry Certifications

EMPLOYER/POST SECONDARY ARTICULATIONS

- Brookdale Community College

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570

CERTIFICATES UPON GRADUATION

- CTech Cable Certification
- CCNA Certification
- A+ Hardware Certification
- Monmouth County Vocational School Program Certificate
- Skills Profile

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

CISCO NETWORKING

**Location: 2 Swartzel Drive
Middletown, NJ 07748
Phone: (732) 671-0650**

DESCRIPTION

The Cisco Networking Program is a two-year intensive computer-networking course that teaches students to design, build, and maintain computer networks. Students are also prepared for industry standard certifications including Cisco Certified Network Associate (CCNA™). The Networking Academy Program combines lectures and online learning with hands-on laboratory exercises in which students apply what they learn in class while working on actual networks. From basic to advanced networking skills, the Networking Academy curriculum prepares students for lifelong opportunities in the real world.

CIP CODE: 110901

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1: Semester 1: Networking for home and small business.

Semester 2: Working at a small to medium or ISP.

Cisco Technology 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2: Semester 3: Introduction to routing and switching in the Enterprise.

Semester 4: Designing and supporting computer networks.

Cisco Technology 2	10 credits
ICTE Math II	5 credits
<u>ICTE Science II</u>	<u>5 credits</u>
Total	40 credits

Brookdale Community College

*NETW 151 Router Internetworking/CCNA 6 credit

*NETW 152 Virtual LANs and WANs/CCNA 6 credit

PROGRAM SKILLS AND TASKS

- Extensive understanding of the OSI Model
- Media connections and collisions
- Local area and wide area network design and documentation
- Configuring routes on networks
- Understanding of commonly used protocols
- Subnetting and IP addressing
- Network troubleshooting
- Virtual LANs (VLANs)
- Gateway routing protocols
- Access control lists (ACLs)
- Network management
- Cable construction/testing.

CAREER PATHWAYS

Occupational

- Network administrator (CCNA)
- Network engineer (CCNP)

Military Service

- All branches

Post Secondary Training

- Associates Degree, Bachelors Degree, Occupational Certifications
- Systems administrator
- Technical analyst

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

**Must successfully complete Level 4 Cisco Certifications*

***Students must complete application to BCC, complete Tech –Prep challenge form, Tech-Prep registration form and complete an additional 12 credits at BCC in order to receive 16 credits earned through MCVSD.*

CERTIFICATES UPON GRADUATION

- CCNA Certification
- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

LAW AND PUBLIC SAFETY



LAW ENFORCEMENT—TECH PREP

**Location: 21 Robertsville Road
Freehold, NJ 07728
Phone: (732) 462-7570**

DESCRIPTION

The Law Enforcement curriculum is designed to prepare high school students for careers in the field of criminal justice. Students are challenged to achieve in an integrated curriculum environment that is carried out by a team of math, science, and two law enforcement teachers. The class incorporates a two hour and forty minute block of daily instructional time. The complete program is two years in length, typically enrolling juniors and seniors in high school.

Field experiences and work-based learning provide student experiences in many different law enforcement settings throughout the county. Forensic science, chemistry and statistics are taught through “hands-on” planned projects. Project studies include: identifying fingerprints, hair and fiber analysis, handwriting analysis, and soil analysis.

CIP CODE: 430107

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.
- Student must have successfully completed (Grade “C” or better) Algebra I
- Student must have successfully completed (Grade “C” or better) one year of science

CREDITS EARNED

2-Year Program

Level 1:

Level 2:

Law Enforcement 1	10 credits	Law Enforcement 2	10 credits
CTE Math I	5 credits	ICTE Math II	5 credits
CTE Science I	5 credits	ICTE Science II	5 credits
	20 credits		20 credits = 40 total
<i>College Course:</i>		<i>College Courses</i>	
Criminal Justice 101	3 credits	Criminal Justice 127	3 credits
		Criminal Justice 125	3 credits
		Total	9 credits (total)

Students must complete application to BCC, complete Tech –Prep challenge form, Tech-Prep registration form and complete an additional 12 credits at BCC in order to receive 9 credits earned through MCVSD. All grades given by BCC are Pass (P) or Fail (F)

PROGRAM SKILLS AND TASKS

- Police report writing
- Analyze a crime scene
- Conduct investigations
- First aid
- Fingerprinting
- Public speaking
- Motor vehicle stop procedures
- Firearms safety
- CPR
- Police dispatching
- Role of police in the community
- Handling incidents
- Booking procedures

CAREER PATHWAYS

Occupational

- Security officer
- Class I law enforcement officer
- Forensic lab tech assistant
- Dispatcher
- Guard
- Park ranger

Military Service

- Police officer
- Investigations
- Guard

Post Secondary Training

- Local police
- CIA, FBI, DEA
- Lawyer
- NJ state police
- Sheriff's department

EMPLOYER/POST SECONDARY ARTICULATIONS

- Brookdale Community College
- Municipal police departments
- County sheriff's department
- NJ state police
- Junior Police Academy, Austin, TX
- Public safety and security
- County prosecutor's office
- NJ Superior Court, Criminal Division
- National Partnership for Careers in Public Safety and Security

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- NAED Dispatcher Certificate

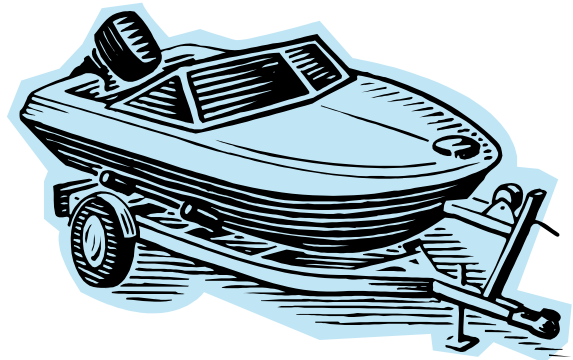
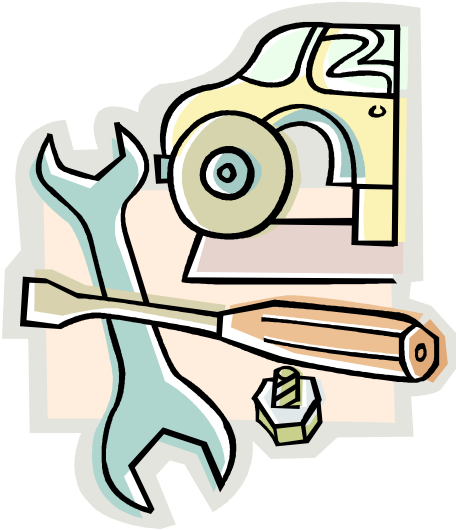
STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Field based experiences: Internship Level II
- Various guest speakers
- Crime scene investigations

PAST PROGRAM AWARD RECOGNITION

- NJ State “Best Practice” Award 1996-1997 by the State Department of Education for New and Innovative Programs
- Listed in National Registry for High School Programs in Law Enforcement published by the National Association for Partnerships in Education
- Junior Police Academy, Austin, TX--Recognition of Innovative Program

TRANSPORTATION, LOGISTICS, AND DISTRIBUTION



AUTO SERVICES

**Location: 280 Atlantic Street
Keyport, NJ 07735
Phone: (732) 739-0592**

DESCRIPTION

This is an ASE/NATEF (Automotive Service Excellence/National Automotive Technicians Education Foundation) curriculum, which is based upon a two-year course of study. It is designed for the individual who is planning to enter the automotive service industry. Applied math and science are incorporated throughout the instruction. This course will challenge the learner in the classroom and in the laboratory where the student will demonstrate the necessary learned skills on all types of vehicles.

CIP CODE: 470604

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Automotive Technology 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Automotive Technology 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Auto shop safety
- Inspect vehicle comprehensively
- Perform lubrication services
- Inspect and service wheels and tires
- Inspect and service electrical systems
- Inspect and service starter systems
- Inspect and service charging systems
- Inspect and repair mechanical systems
- Service and repair brake systems
- Service and repair cooling systems

- Service and repair exhaust systems
- Service and repair ignition systems
- Service and repair fuel systems
- Service and repair steering and suspensions

CAREER PATHWAYS

Occupational

- Entry level automotive repair technician
- Automotive service advisor
- Automotive parts salesman
- Shop foreman
- Service manager
- Business owner

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree
- Occupational Certifications

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- ASE Certification in brakes (must pass test)
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

PAST PROGRAM AWARD RECOGNITION

- All of the graduating students in 2007 achieved ASE Certification in brakes

AUTO COLLISION REPAIR

Location: 417 Middle Road
Hazlet, NJ 07730
Phone: 732-264-4995

DESCRIPTION

The Auto Collision Repair program is a two-year ASE (Automotive Service Excellence) certified program. We use the I-Car Advance Tech Curriculum, a 44-module program that is ASE approved and is an industry recognized standard. In collision repair, the students participate in the theory of Collision Repair, Related Math, and Related Science. The remainder of class time is devoted to practicing learned skills through hands-on activities. All aspects are taught in a classroom setting and put into practice in the shop where student's work on damaged vehicles.

CIP CODE: 470603

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a "C" grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Auto Collision Repair 1	10 credits
CTE Math I	5 credits
CTE Science I	5 credits

Level 2:

Auto Collision Repair 2	10 credits
ICTE Math II	5 credits
ICTE Science II	5 credits
Total	40 credits

PROGRAM SKILLS AND TASKS

- Damage appraisal
- Dent removal, large and small
- Frame and uni-body repair

- Panel replacement
- Refinishing: spot and overall painting
- Welding

CAREER PATHWAYS

Occupational

- Metal repair technician
- Painting technician
- Frame repair technician
- Insurance estimator
- Industrial painter
- Paint or equipment manufactures sales
- Welding technician

Military Service

- All branches

Post Secondary Training

- Associates Degree
- Bachelors Degree
- Occupational Certificates
- ASE
- I-Car

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- ASE Certification Training
- I-Car Certification
- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org

AUTOMOTIVE MECHANICS

**Locations: 417 Middle Road
Hazlet, NJ 07730**

Phone: (732) 264-4995

2 Swartzel Dr.

Middletown, NJ 07748

(732) 671-0650

DESCRIPTION

This is an ASE/NATEF (Automotive Service Excellence/National Automotive Technicians Education Foundation) curriculum, which is based upon a two-year course of study. It is designed for the individual who is planning to enter the automotive service industry. Applied math and science are incorporated throughout the instruction. This is a very structured course, not only in the classroom but also in the laboratory, where the student will demonstrate the necessary learned skills. This is not only an introduction to the automobile but a thorough course that will culminate with the administration of six ASE tests in the areas of: Automotive Electricity Electronics, Automotive Heating and Air Conditioning Systems, Automotive Engine Repairs, Engine Performance, Automotive Braking Systems including ABS and traction control, Steering and Suspension Systems.

CIP CODE: 470604

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Automotive Technology 1 10 credits

CTE Math I 5 credits

CTE Science I 5 credits

Level 2:

Automotive Technology 2 10 credits

ICTE Math II 5 credits

ICTE Science II 5 credits

Total 40 credits

PROGRAM SKILLS AND TASKS

- Inspect and service wheels and tires
- Inspect and service electrical systems
- Inspect and service starter systems
- Inspect and repair mechanical systems
- Service and repair brake systems
- Service and repair cooling systems
- Service and repair exhaust systems
- Service and repair ignition systems
- Service and repair fuel systems
- Service and repair automatic transmissions
- Service and repair steering and suspensions

CAREER PATHWAYS

Occupational

- Entry level Automotive Repair Technician
- Automotive service advisor
- Automotive parts salesman
- Shop foreman
- Service manager
- Business owner

Military Service

- All branches

Post Secondary Training

- Associates Degree, Bachelors Degree, Occupational Certifications
- Successful completion and certification in all 9 ASE automotive certification areas

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- ASE Certification Training (upon successfully passing certification exam)
 - Engine Repair
 - Suspension and Steering
 - Brakes
 - Electrical/Electronic Systems
 - Engine Performance
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

Skills USA- www.skillsusa.org

DIESEL MECHANICS

Location: Atlantic Avenue
Aberdeen, NJ 07747
Phone: (732) 566-5599

DESCRIPTION

This two-year program provides a solid foundation for the mechanical, electrical, electronic and computer systems incorporated into modern truck technology. Servicing, troubleshooting and repairing diesel-powered units and related components are major elements of this training experience. Students will disassemble, assemble and operate conventional and electronic controlled heavy-duty diesel powered engines, heavy duty automatic and manual transmissions, hydraulic and air operated brakes, suspension and steering units, air condition components and other related systems in light, medium and heavy-duty commercial vehicle. All students are encouraged to take the ASE T2 Diesel Engine test prior to course completion and graduation.

CIP CODE: 470605

PREREQUISITES

- Student must have an expressed interest in the diesel technology Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Diesel 1	10 credits
CTE Math I	5 credits
CTE Science I	<u>5 credits</u>
	20 credits

Level 2:

Diesel 2	10 credits
ICTE Math II	5 credits
ICTE Science II	<u>5 credits</u>
	20 credits

PROGRAM SKILLS AND TASKS

- Diesel engine and heavy duty truck preventive maintenance
- Air and hydraulic brake system service

- Truck and trailer lubrication service
- Heating and AC system service
- Electrical and electronic system service
- Diagnostics utilizing computer scanners and electronic measuring devices.
- Transmission, clutch and driveline service
- Fuel injector service

CAREER PATHWAYS

Occupational

- Lubrication service technician
- Engine service technician
- Marine engine service technician
- Heavy equipment technician
- Engine rebuilder
- Component rebuilder
- Fleet technician
- Railroad technician

Military Service

- Mechanic
- Heavy equipment
- Vehicle maintenance technician
- Heavy equipment technician
- Advanced ranks

Post Secondary Training

- Apprenticeship
- AS Degree Diesel Tech
- AS Degree Heavy Construction Equipment Caterpillar
- BS in Technology Management

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Students service, repair, diagnose current and historic diesel powered engines
- Students service, repair, diagnose manual and automatic transmissions
- Students participate in educational class trips to observe technicians working in Diesel Mechanics trade

MARINE TRADES AND TECHNOLOGY

**Location: Atlantic Avenue
Aberdeen, NJ 07747
Phone: (732) 566-5599**

DESCRIPTION

This two-year program will provide a solid foundation in all of the structural, mechanical and electrical systems found in marine watercraft. Troubleshooting and repair are emphasized. Students will disassemble and rebuild inboard and outboard engines, out drives, electrical and trailer components. Complete hull maintenance and care procedures are covered. Marine engine preventive measures will be addressed with emphasis on spring commissions and winterization.

CIP CODE: 470616

PREREQUISITES

- Student must have an expressed interest in the Occupational Area
- Student must have an excellent attendance record (less than 15 days absent per year)
- Students must have a “C” grade point average
- Student and parents are recommended to tour the program prior to submitting an application. This may be accomplished through attendance at an open house, tour with counselor, or other means arranged with the principal/supervisor.

CREDITS EARNED

2-Year Program

Level 1:

Marine Trades & Tech 1	10 credits
CTE Math I	5 credits
CTE Science I	<u>5 credits</u>
	20 credits

Level 2:

Marine Trades and Tech 2	10 credits
ICTE Math II	5 credits
ICTE Science II	<u>5 credits</u>
	20 credits

PROGRAM SKILLS AND TASKS

- Engine and drive preventive maintenance
- Fuel system service
- Lubrication service
- Outdrive service
- Outboard engine tune-up
- Engine rebuilding
- Diagnostics utilizing computer controls
- Electrical diagnosis and repair
- Inboard engine tune-up
- Trailer service
- On board systems
- Steering systems
- Seasonal procedures

CAREER PATHWAYS

Occupational

- Structural hull and finish technician
- Boat yard operations
- Engine service technician
- Marine engine service
- Heavy equipment/commercial marine
- Engine rebuilders

Military Service

- Mechanic
- Power specialist

Post Secondary Training

- AS Degree Diesel Technology

EMPLOYER/POST SECONDARY ARTICULATIONS

- Many marinas located in Monmouth and Ocean Counties have had graduates from our Marine Engine & Boat Repair program in paid and unpaid work-based learning experiences.

STRUCTURED LEARNING EXPERIENCE

All students are provided the opportunity of earning high school credits for on-the-job training. The Workplace Readiness curriculum includes technical skill preparation, employability skills, safety and applied academics related to the selected technical area of study. Workplace mentors, from the employer and the school, work together to provide an individualized learning experience for each student enrolled. Most of our students are paid at or above minimum wage during this unique learning situation.

Enrollment options include job shadowing, internships, apprenticeship and cooperative industrial education. Call the Structured Learning office for additional information (732) 462-7570.

CERTIFICATES UPON GRADUATION

- Monmouth County Vocational School Program Certificate
- Skills Profile
- OSHA10 General Safety and Health Certificate

STUDENT ACTIVITIES

- Skills USA- www.skillsusa.org
- Students repair marine equipment for the public.
- Students will participate in class trips to observe marine engines in watercraft.

Notes

MONMOUTH COUNTY VOCATIONAL SCHOOL DISTRICT

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Superintendent of Schools

Timothy M. McCorkell
Assistant Superintendent

Rosemarie Kindon
School Business Administrator/Board Secretary

Alexander Cheyne
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