



## SHARE TIME CAREER AND TECHNICAL PROGRAMS



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**2012-2013**

### Times of Sessions

AM Session: 8:00 - 10:43

PM Session: 12:06 - 2:52

**Morris County School of Technology**  
**400 East Main St. ~ Denville, NJ 07834**  
**Tel: 973-627-4600 ext. 277**  
**Website: [www.mcvts.org](http://www.mcvts.org)**

*The Morris County Vocational School District does not discriminate on the basis of race, color, ethnicity, national origin, religion, creed, sex, age, parental status, physical disability, learning disability, or sexual orientation.*

## SHARE TIME CAREER AND TECHNICAL PROGRAMS

20 credits

### **Grades: 11 and 12**

Morris County School of Technology provides students the opportunity to receive daily career and technical training as part of their junior and/or senior high school program. Academic subjects are taken at the home school. Students are then transported to Morris County School of Technology for publicly-supported specialized career and technical training.

### **Minimum Requirements:**

1. Be enrolled as a 11<sup>th</sup> or 12<sup>th</sup> grader in the home high school. Tenth graders may be considered for career and technical courses on an individual basis.
2. Have an acceptable academic, attendance and behavior record in the home school.
3. File an application signed by the parent or guardian and the home school counselor.
4. Have a sincere interest in the program.
5. Possess sufficient motivation to succeed in the chosen program.
6. Have sufficient maturity to work in a shop setting.

### **Academic Infusion Program:**

Applications of Mathematics and/or Science may be experienced and credits earned in specific courses. Students receive 15 credits for their career and technical course and five credits for infused math and/or science.

### **MATHEMATICS AND SCIENCE INFUSION PROGRAM** Credit Awarded

Program	Credits	Academic Area
Auto Body Collision/Repair	5	Year 1 - Science Year 2 - No academic credit
Auto Body Collision/Repair (special needs)	5	Year 1 - Science Year 2 - No academic credit
Auto Service Tech I and II	5	Year 1 - Science Year 2 - Math
Auto Service Technology (special needs)	5	Year 1 - Science Year 2 - Math
Building Construction (special needs)	5	One year Math for each year of participation
Building/Grounds Maintenance (special needs)	5	One year Math for each year of participation
Carpentry	5	One year Math for each year of participation
Computer Drafting & Graphics Studio	5	Year 1 - Math Year 2 - No Academic Credit
Cosmetology	5	Year 1 - No academic credit Year 2 - Science
Food Services (special needs)	0	No academic credit
Electrical Trades	5	Year 1 - Science Year 2 - Math
Plumbing	5	Year 1 - Science Year 2 - Math
Retail Supermarkets (special needs)	5	One year Math for each year of participation
Welding	5	One year Science for each year of participation

### **Application Process:**

A student interested in applying to a Share Time program should speak with their high school counselor. **All applications are to be completed by the applicant's current high school counselor** via online application at [www.mcvts.org](http://www.mcvts.org)

The high school counselor will provide the following required information:

- 1) High school transcripts
- 2) NJ ASK8 or Private School equivalent
- 3) Child Study Team records or 504 Plan if applicable
- 4) Attendance Data
- 5) Discipline Data
- 6) Parent/Guardian Release Form
- 7) Math and English teacher recommendations

Parent/Guardian will be contacted by Morris County School of Technology to schedule an interview for the applicant.

**Application Deadline: March 2, 2012**

## **SHARE TIME PROGRAMS**

### **AUTO BODY/COLLISION REPAIR**

#### ***Grades: 11-12***

Within this two-year program, students will study basic auto body repair, painting, welding, restoration, panel replacement, frame damage, repair, custom painting and the use of all tools and materials. Graduates are employed as technicians, painters and apprentices.

### **AUTOMOTIVE SERVICE TECHNOLOGY I and II**

#### ***Grades: 11-12***

To meet the needs of a changing technology, this exciting two-year program offers students the opportunity to master the needed skills to pass the Automotive Service Excellence Certification (ASE) Examinations. Training by ASE certified instructors is offered in basic automotive systems, electrical systems, braking systems, engine performance, steering and suspension, selected shop skills and ASE test preparation. In the growing automotive field, graduates are employed as mechanics, specialty technicians, and managers.

### **CARPENTRY**

#### ***Grades: 11-12***

Within this one- or two-year program, students are introduced to transit and concrete wall forms, column forms, step and landing forms. Framing includes floor, wall and roof framing and common rafters. Advanced instruction includes stair building, exterior and interior trim and more complex roof frames such as hip, valley and jack rafters. Students develop a thorough understanding of the aspects of residential home construction and an understanding of basic architectural principles. Graduates have started their own businesses, worked with local contractors, entered union apprenticeships or pursued a post-secondary education.

### **COMPUTER DRAFTING & GRAPHICS STUDIO**

#### ***Grades: 11-12***

In this one- or two-year program, students transform architectural and engineering designs into finished drawings using state of the art computer equipment and the latest software releases. The first year of the program includes the basic concepts, commands and operations of the AutoCAD® software, and introduces the student to advanced techniques such as 3D Design. An optional second year is available for students who wish to pursue skills in advanced customization and photo-realistic graphics and animation techniques utilizing 3D Studio Design software.

### **COSMETOLOGY I and II**

#### ***Grades: 11-12***

The goal of this two-year program is for graduates to successfully pass the state licensing examination and become employed in the field. The units of instruction and clinic are designed to meet licensing standards of the Board of Beauty Culture. Future beauticians and barbers experience instruction in hair care, styling, perms, manicures, facials, facial massage, waxing, coloring and barbering. Second year students operate a clinic in which customer relations, shop management and professionalism are stressed.

### **ELECTRICAL TRADES**

#### ***Grades: 11-12***

The Electrical Trades program is a two-year program that covers Telecommunication, computer installations, low voltage wiring, fire and burglar alarm systems, as well as residential, commercial and industrial wiring. All of these trades overlap in scope and basic training and offer an excellent opportunity to obtain employment. Algebra is a requirement in order to pursue entrance into the union apprenticeship program.

### **PLUMBING**

#### ***Grades: 11-12***

Blueprint reading, design, layout, troubleshooting, repair, and installations are included as units of study. Students in this one- or two-year program learn plumbing codes, principles and practices concerning plumbing and heating in residential environments. In the laboratory, students will receive hands-on training in copper sweating, cutting and threading, cast iron, PVC and ABS work, underground drainage waste, vent systems and mechanical piping of gas fired heating systems. Design and installation of fixtures for bathrooms, kitchens and hot water heaters is included.

### **WELDING TECHNOLOGY**

#### ***Grades: 11-12***

This two-year program allows high school students to acquire basic welding skills in the first year, which is a prerequisite for the second year. In the second year, students will have opportunities to pursue: the NOCTI examination and AWS Entry-Level Welders' certification.

In the first year of this program, students are introduced to: Plasma Arc Cutting (on aluminum, stainless and low carbon steel), Shielded Metal Arc Welding (fillet and V-groove welds on low carbon steel), Gas metal Arc Welding (fillet welds on low carbon steel), Oxy/fuel gas cutting and introduction to print interpretation.

During the second year, students will work with the Gas Tungsten Arc Welding (welds on stainless steel and aluminum), advanced Shielded Metal Arc Welding (V- grooves with backing strips), Gas Metal Arc Welding (groove welds on low carbon steel), Flux-core Arc Welding (fillet welds on low carbon steel), Plasma Arc Cutting and print interpretation.

## **SHARE TIME PROGRAMS FOR STUDENTS WITH SPECIAL NEEDS**

The Morris County School of Technology is committed to serving students with special needs. Accordingly, six programs are dedicated to meet these needs. The programs respond to industry requirements and are designed to equip the student with the skills he/she will need for gainful employment after graduation. These programs are available to classified students enrolled in public secondary schools who are 15-20 years of age. A complete set of Child Study Team records must accompany the application.

### **AUTO BODY/COLLISION REPAIR**

#### ***Grades: 10-12***

Within this two-year program, students will study basic auto body repair, painting, welding, restoration, panel replacement, frame damage, repair, custom painting and the use of all tools and materials. Graduates are employed as technicians, painters and apprentices.

### **AUTOMOTIVE SERVICE TECHNOLOGY**

#### ***Grades: 10-12***

As modern automotive service technicians, students will develop the skills to perform service and automotive maintenance. Basic and specialized automotive courses will help students develop a solid foundation in the fundamentals of automobile components and how they work, system by system air filtration, cooling system, engine services, fuel system services, and tire rotation through intense applied instruction in the classroom and in laboratory. Graduates of the Automotive Services program are trained to seek employment in related automotive fields or pursue post secondary education opportunities.

### **BUILDING CONSTRUCTION**

#### ***Grades: 10-12***

This program provides hands-on training in all phases of the construction industry. Instruction begins with the use of hand and power tools. Units of study include carpentry, electrical wiring, plumbing, sheet rocking and roofing. Upon completion, students may elect to pursue advance training in one specific trade area.

### **BUILDING & GROUNDS MAINTENANCE SERVICES**

#### ***Grades: 10-12***

This course includes the study of interior and exterior maintenance of a building and the surrounding grounds. Students gain knowledge of basic electricity, plumbing, carpentry, landscaping, painting, general cleaning and maintenance.

### **FOOD SERVICES**

#### ***Grades: 10-12***

The program is designed for the special needs learner who may indicate an interest in Culinary Arts but lacks the requisite academic skills. It will specifically prepare students for employment in food service occupations in hospitals, corporate cafeterias, banquet halls, nursing homes, hotels and restaurants. Students are trained in basic food sanitation, preparation and service. Occupational training is for entry level positions in most kitchens.

### **RETAIL/SUPERMARKET CAREERS**

#### ***Grades: 10-12***

Our hands-on program provides specialized opportunities for students interested in pursuing occupations in the retail and/or supermarket industries. Students in our program will learn about supermarket and retail business operations, product placement and display design, food safety and sanitation procedures, customer service skills, money handling skills, cash register operations, general produce knowledge, proper grocery bagging techniques and how to operate a small scale bakery. Students directly apply their knowledge and skills in practical experiences in the MCST Supermarket, which is open to our campus community. Additionally, students in our program acquire the life skills of resume development, successful job interview techniques and the knowledge of proper business attire. The students demonstrate their workplace readiness skills as members of the high school marketing organization, DECA (Distributive Education Clubs of America). DECA sponsors regional, state and national level opportunities for students to compete in events centered on retail/supermarket careers, as well as many other areas of business and marketing.