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, chassis and steering, heating and air conditioning systems, computerized engine controls, selected shop skills and ASE test preparation.

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.