

BASIC AUTOMOTIVE TECH. (10-12) 1.00

Basic Auto Tech is a beginning automotive program intended to show the basics of the auto-mechanic field. The course will cover basic automotive theory and repair operations in the following areas: engine principles, cooling systems, ignition and tune, tires, wheels and brakes. It will also cover tools and measuring, fastener and repair information resources. It is a prerequisite for advanced automotive technology and diesel mechanics programs.

ADVANCED AUTO TECH (11-12) 1.00

Prerequisite:- Basic Automotive Technology

This course prepares students to engage in the servicing and maintenance of all types of automobiles. Instruction will be provided in the diagnosis of malfunctions in an repair of engines; fuel electrical, cooling and brake systems; and drive train and suspension systems; and in the adjustment and repair of individual components and systems.

BASIC WOODWORKING TECH (10-12) 1.00

The purpose of this course is to assist individuals in making meaningful occupational and educational choices. Instructional activities involve cabinet making, carpentry, designing, planning and building products related to industry, using hand tools and power equipment. Concepts in mass production and manufacturing are emphasized. Work ethics and productivity are an integral part of the classroom and laboratory activities of this class. Students will accomplish the requirements of the class by constructing a night stand (approx. Cost: \$85). Students may choose to construct other personal projects. Fee is varied for projects. Projects not to exceed \$200.

MILLWORK & CABINET MAKING (11-12) 2.00

Prerequisite: Basic Woodworking and Teacher Approval

An instructional course that prepares individuals to engage in the mass production of such articles as window frames, moldings, trim and panels, and such products as store fixtures, kitchen cabinets, and office equipment. Includes instruction in cutting, shaping, assembling, refinishing articles, installing hinges, latches, drawer pulls, and other hardware, and planning and drafting layouts for such projects. Fee is varied for projects. Projects will be approximately \$500 or more during the year.

COMPUTER PROGRAMMING 1A (10-12) 1.00

This course is designed for those with or without computer skills. Student's will learn basic to advanced computer skills like: How the Internet works, how to use E-mail, how to make web pages, how to use the Internet effectively, and many others. At the end of the course students will have a chance to get the industry certification iNer+ by taking the CIW test. Employers look at these certifications as valuable. Lab Fee: \$10

COMPUTER PROGRAMMING 1B (10-12) 1.00

Prerequisite: Comp. Prog. 1A or Teacher Approval

This course is designed for the more advanced students. It will give students an in depth understanding of programming styles and techniques that are used in the computer industry. Students will be writing computer programs that will run in Windows 98 to Windows XP. The computer language used to teach these skills in Visual Basic 6.0. Lab Fee: \$10

COMPUTER PROGRAMMING 2 (10-12) 1.00

Prerequisite: Comp. Prog. 1A or Teacher Approval

This course is for students who are college bound or want a job in the computer industry. It will give students an in depth understanding of programming styles and techniques that are used in the computer industry. This class can be taken for college credit through Dixie College. The computer language used to teach these skills is C++. Lab Fee: \$10

COMPUTER NETWORKING (11-12) 1.00

Prerequisite: Any of the following: Comp. Pro 1A, 1B, 2 A+, or Teacher Approval.

This course will teach students how to setup and maintain a computer network. When finished with the class, students can take the Novell Certification Test to become a Certified Novell Administrator. Novell is currently the standard networking software used by most organizations, government and private. People with this training start working at \$40,000 per year. Lab Fee: \$10

A+ CERTIFICATION (11-12) 1.00

Prerequisite: Any one of the following: Comp. Prog. 1A, 1B, 2, Networking or Teacher Approval.

A+ Certification is the industry standard for validating vendor-neutral skills expected of an entry-level computer technician. If you would like to learn how to build your own computer, fix computer hardware, and trouble shoot (fix) software problems this class is for you. Employers look at all CompTIA certifications as valuable. Lab Fee: \$10