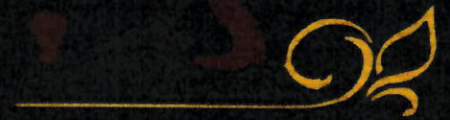


PEYTON WOODS MANUFACTURING PROGRAM



**Peyton
Career
Technical
Education
Facility**

Program Information Presentation

February 5th, 2016

9am

**Tim Kistler
Superintendent Peyton School District
Dean Mattson,
Director of Woods Manufacturing
Mary Krisko,
Counselor - CTE Coordinator**

Beginning August 2016

Cabinet Man I
Intro to Engineering
Accounting

Cabinet Man II
Robotics
Introduction to Metals Machining

Cabinet Man III
Computer Apps I

Beginning Auto Construction
Computer Apps II

Also available:

Online Courses for graduation credits

Online Courses for credit recovery

Woods Manufacturing: The Woods Program was awarded the national WMIA Wooden Globe Award for Education. In Peyton we serve students grades 9 - 12, from entry level through advanced Cabinet Manufacturing. Students learn professional wood manufacturing skills, math, teamwork, problem solving and the soft skills that contribute to being a valuable employee or ready for college.

Robotics: Students taking this class will use Lego Robotic (plastic parts and sensors) and Tetrax (metal and metal gearing) Kits. Students learn gear ratios and levers, electronic components, assembly skills, and different programming languages (i.e. Android, Lego programs, C++, and more). Students are challenged to design and build their own robots. Students also participate in robotic demonstrations and competitions.

Introduction to Engineering: This is a new program using Project Lead the Way (PLTW) concepts. Students will work together to solve problems that engage and to challenge them. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation.

Auto Technician Basic: This one year program is designed to teach students the basic fundamentals of automotive diagnostics and service repair. Students will participate in both classroom instruction and hands-on learning.

Construction: The class provides students with the opportunity to learn in a classroom setting as well as gain hands-on application skills associated with the construction trades while actually working on a construction project. The curriculum used to teach the fundamental skills of the construction trades are provided through the use of the National Center for Construction Education and Research (NCCER) core curriculum offered through Pearson. Students will learn the "Core Curriculum" in accordance with the NCCER standards

The following three courses are college articulated classes, which means students who complete these classes with grade of a "B" or higher could earn 3 college credits per class from Pikes Peak Community College for the cost of \$10.00 per class.

Computer Applications I- Introduction to PC: This one semester course is designed to advance student's knowledge of Microsoft Office applications Word, Excel, PowerPoint, and Access. Other topics include Internet search strategies, using search engines, Internet hardware and software, basic computer hardware, and Windows operating system.

Computer Applications II - Introduction to Multimedia Graphic Design: This one semester course provides students the opportunity to explore the many aspects of multimedia in the computer industry. The students learn about the history of multimedia, develop web pages, and use programs such as RHINO CAM/CAD to create 2D and 3D animation projects. In addition to the RHINO program students become skilled in using Adobe Photoshop, Desktop Publishing, Adobe Illustrator, Adobe InDesign, Adobe GoLive, ALICE, and HTML.

Accounting- Introduction to Small Business: This First-Year Course is a comprehensive, two-semester, one-year course designed to teach students basic accounting principles. Students will have the opportunity to use accounting software, multimedia, accounting ledgers, and review real-world financial statements to learn fundamental accounting practices.