

Business, Marketing and Management

The Academy Business and Finance is an academic and internship program designed for students interested in career opportunities within the business and financial services industries. Courses within the program include: Accounting, Money, Banking & Credit, Securities and Insurance, Personal Finance, and Global Business.

Marketing and Business Management is part of a 2-year program of instruction in marketing. The program emphasizes basic marketing skills including product/service management, pricing, promotion, distribution and marketing research. Students have the opportunity to develop career goals and occupational skills related to marketing which are relevant in today's global economy.

Culinary Baking & Arts students will develop skills in preparing a variety of foods in a full service restaurant and through catered events. Specific topics covered are industry history, culinary terminology, sanitation, kitchen safety, knife skills, small and large equipment operation, proper moist and dry heat cooking techniques, and becoming ServSafe certified.

Accounting students will build critical skills in Accounting fundamentals to provide the competitive edge you need for your future working in business or as a business owner. Students develop an understanding of the concepts and usage of assets, liabilities, equity, revenue, and expense accounts.



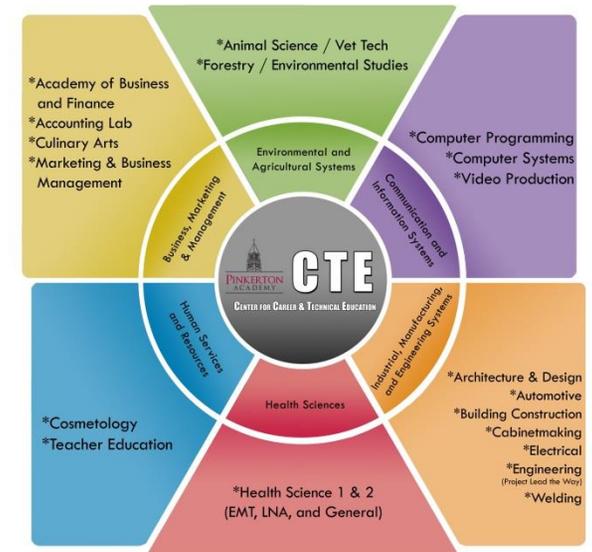
Environmental and Agricultural Systems

Forestry Technology is an active-learning program is designed to develop the skills, knowledge, and attitude necessary for pursuing a successful career in forestry, environmental science and natural resource conservation. Topics include tree identification, protecting forests from diseases, insects and fire, surveying, wildlife management, ecology, timber harvesting and reforestation, urban forestry/arboriculture, measurement and marketing of forest products, NH timber harvesting laws, public relations, sustainable forestry, outdoor recreation, and responsible management practices.

Environmental Science & Natural Resources is designed for students interested in environmental sciences and natural resource management. Active learning and hands-on activities assist the student to better understand and work in outdoor environments. Topics include plant and wildlife studies, habitat types, weather patterns, outdoor recreation and ecotourism, conservation and protection of natural resources, ecology, open space preservation, environmental ethics and legal responsibilities, wetland studies, resource management organizations, invasive species.

Animal Health & Veterinary Technology is designed for students who are interested in a future career with animals in the health and veterinary technology field. Specific units of instruction will include but are not limited to; Introduction to veterinary technology, Veterinary terminology, veterinary technology skills, animal diseases, animal welfare ethics and treatment, animal first aid. Students will also learn how to properly groom canines and run a student CTE

Visit us online to see full descriptions and course pre-requisites at www.pinkertonacademy.org/cte



10TH THRU 12TH
GRADE
CAREER
FOCUSED
COURSES



PINKERTON
ACADEMY
CTE

CAREER & TECHNICAL EDUCATION

• 1814 •

www.pinkertonacademy.org/cte

Industrial, Manufacturing and Engineering Systems

Architecture & Design provides an opportunity for those creative students interested in pursuing careers in Architecture, Engineering or the many fields of design using the latest AutoDesk design software.

Automotive Systems Technology provides an opportunity for students to learn and apply technical skills pertaining to steering and suspension, brake systems, engine performance, engine repair and fundamentals of automotive service training.

Construction Technology provides students with a fundamental background in many aspects of residential building construction, particularly framing of floors, walls and ceilings.

Engineering & Project Lead the Way – PLTW is a college credit engineering program open to all students. Five classes are available. It is preferred that students take all the classes, but even one class will greatly benefit a student who has interest in an engineering or a technical degree.

Welding Technology is designed for anyone who wishes to learn welding and metal fabrication. Students are instructed in the safe operation of all tools, material handling and techniques used in welding.

Electrical Technology is designed to have students gain knowledge and skills necessary to successfully enter the field as apprentice electricians. The student will acquire skills in all phases of residential wiring.

Communication and Information Systems

Computer Programming This course introduces students to the philosophy, theory, and practice of computer science. Students examine possibilities and implications of computer technology, and the design and development of software applications. Primary programming topics include: syntax and semantics, control flow, data structures, modules, objects and classes.

Computer Technology – PC Hardware focuses on PC operating systems and hardware configuration, installation and maintenance. Students will work in a fully-equipped, state-of-the-art lab to develop the skills to configure and install hardware components in a PC system as well as to troubleshoot and diagnose hardware problems.

Video Production provides the student videographer an opportunity to further enhance their television skills. Non-linear editing skills will be expanded with more in-depth exploration of Final Cut Pro and Avid software. More attention will be paid to lighting and post production.

Health Sciences

Health Science Technology is designed to help students explore the medical/healthcare field. The course will expose students to a variety of healthcare occupations. Instruction will include medical terminology, as well as anatomy and physiology with an emphasis on body systems, disease process and disorders. Students will receive training in American Heart Association First Aid and Health Care Provider Basic Life Support.

Human Services

Cosmetology

Cosmetology students receive comprehensive training in all areas of hairdressing and related fields while earning hours on their cosmetology apprentice license. Cosmetology 1 students are exposed to a blend of classroom instruction and hands-on learning experiences using a human hair mannequin in a simulated salon environment. Students learn a variety of hairstyling techniques, nail design, and proper sanitation.

Careers in Education

This course is designed for those wanting to pursue a career in education at grade levels pre-K through 12. Teacher Preparation 1 invites students to think about why they want to teach, then introduces them to the world of the classroom - understanding the diversity of students' lives, becoming a professional, the foundation of education, creating an educational environment, and developmentally appropriate best teaching practices.



Visit us online to see full descriptions and course pre-requisites at www.pinkertonacademy.org/cte