CTAE Pathway and Elective Offerings

Complete three courses in a pathway and earn a [Career Ready Diploma Seal](#)

First Level Pathway Course	Additional Elective/Pathway Courses	
INTRODUCTION TO BUSINESS & TECHNOLOGY (IBT) *(9th to 12th No Prerequisite)* Earn **FREE** Microsoft Office Specialist (MOS) Certifications in Word, PowerPoint, and Excel while learning the basics of marketing, entrepreneurship, accounting, banking, money management, and more.	**BUSINESS ACCOUNTING PATHWAY** **Personal Finance** *(10th TO 12th No Prerequisite)* **Did you KNOW?** beginning 2024-2025, students in either 11th or 12th grade will be required to take a half-credit Financial Literacy course for graduation. **Accounting I** *(10th TO 12th No Prerequisite)* Accounting is the *Language of Business*; all college business majors need to take an accounting course.	
INTRODUCTION TO SOFTWARE TECHNOLOGY (IST) *(9th to 12th No Prerequisite)* Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.	**PROGRAMMING PATHWAY** **AP Computer Science Principles*** *(10th to 12th No Prerequisite)* **Game Design, Animation, & Simulation*** *(11th to 12th)* *Prerequisite APCS Principles*	**COMPUTER SCIENCE PATHWAY** **AP Computer Science Principles*** *(10th to 12th No Prerequisite)* **AP Computer Science A*** **(JAVA Programming)** *Prerequisite APCS Prin or Teacher Approval Required* *(11th to 12th)* *** 4th Science Credit**
MARKETING PRINCIPLES *(9th TO 12th No Prerequisite)* Learn how marketing satisfies consumer and business wants and needs related to goods and services. Gain an understanding of basic concepts, careers, and the trends in social media and digital marketing while learning about marketing's role in the economy.	**SPORTS & ENTERTAINMENT MARKETING PATHWAY** **Introduction to Sports & Entertainment Marketing** *(10th to 12th NO PREREQUISITE)* **Advanced Sports & Entertainment Marketing** *(10th to 12th)* *PREREQUISITE – Intro to Sports & Entertainment Marketing*	**MARKETING & MANAGEMENT PATHWAY** **Marketing & Entrepreneurship** *(10th to 12th NO PREREQUISITE)* **Marketing Management** **Eagle's Nest School Store** *(10th to 12th)* *PREREQUISITE – Principles and/or Marketing & Entrepreneurship*
FOUNDATIONS OF ENGINEERING *(9th to 12th No Prerequisite)* Develop processes of invention and innovation, learn engineering tools such as CAD (Computer Aided Design software) and then complete hands-on activities with the CNC router, laser cutter and 3D printer to build your designs in the **CHHS FAB LAB.**	**ENGINEERING PATHWAY** **Engineering Concepts** *(10th to 12th)* *PREREQUISITE – Foundations of Engineering* **Engineering Applications** *(10th to 12th)* *PREREQUISITE – Engineering Concepts*	
AUDIO-VIDEO TECHNOLOGY & FILM I *(9th to 12th NO PREREQUISITE)* Get ready for employment or entry into an education program in the audio and video technology career field. Learn terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording, and editing studio production, and professional ethics.	**AUDIO-VIDEO TECHNOLOGY & FILM I PATHWAY** **Audio-Video Technology & Film II** *(10th to 12th) PREREQUISITE—Film I* **Audio-Video Technology & Film III** *(11th to 12th) PREREQUISITE—Film II* **Audio-Video Technology & Film IV** *(11th to 12th) PREREQUISITE—Film III*	

CTAE Pathway and Elective Offerings

Complete three courses in a pathway and earn a Career Ready Diploma Seal

First Level Pathway Course	Additional Elective/Pathway Courses
AEROSPACE SCIENCE I Frontiers of Aviation History **Leadership Education I**: USAF History, Customs & Wear of the Uniform and Drill and Ceremonies *(9th to 12th NO PREREQUISITE)* Training in citizenship and life skills, learn a sense of responsibility, and develop your character and self-discipline through team building, drill and ceremony, and providing services for the community.	**JROTC PATHWAY** **Pathway completers satisfy** **Health & PE graduation requirements** **AEROSPACE SCIENCE II:** Science of Flight **Leadership Education II**: Communication, Teamwork, Air Force Core Values *(10th to 12th) PREREQUISITE—Aerospace Science I* **AEROSPACE SCIENCE III:** Survival: Survive & Return **Leadership Education III**: Life Skills & Career Opportunities *(11th to 12th) PREREQUISITE— Aerospace Science II* **AEROSPACE SCIENCE IV:** Management of the Cadet Corps **Leadership Education IV**: Principles of Management *(12th)* *PREREQUISITE— Aerospace Science III*

PATHWAY ELECTIVES AVAILABLE AFTER 9TH GRADE

EXAMINING THE TEACHING PROFESSION *Teacher Approval (10th to 12th)* *Our CHHS EAGLETS PROGRAM* is an on-site lab where students apply what they are learning to real world settings. Students plan and guide appropriate activities and lessons for our young Eaglet children.	**TEACHING AS A PROFESSION PATHWAY** **Contemporary Issues In Education** *PREREQUISITE - Examining the Teaching Profession(10th to 12th)* **Teaching As A Profession Practicum** *PREREQUISITE - Contemporary Issues in Education (11th to 12th)*

ADDITIONAL ELECTIVES AVAILABLE TO JUNIORS AND SENIORS

WORK-BASED LEARNING (WBL): *(11th to 12th Teacher Approval)* Students practice key roles in a workplace setting with a school-site and a work-site mentor who help students explore careers of interest that are supported by independent academic coursework. Depending on your schedule either arrive late to campus or leave early. *Students must have a job, daily transportation, and work at least 5 hours a week.*

STUDENT AIDE: *(11th to 12th Teacher Approval)* Students work with a supervisor within the school to gain work experience. Regular evaluations help students improve their employability skills. Coursework assignments for the class are independent study

GET INVOLVED in CTAE