



AP CODING *Pathway*



COHERENT SEQUENCE

● *AP Coding I*

● *AP Coding II*

**Technical Skills Assessment Administered

● *Internship*

CAREER POSSIBILITIES

- Software Developer
- Web Developer
- Data Scientist
- Game Design
- And More!

PREREQUISITES

- Algebra I

INDUSTRY CREDENTIALS

- None at this time

COURSE DESCRIPTION

- Design Video games, Apps, and Interactive Stories
- Program in advanced languages such as Java and Javascript
- Create and manage the entire web development process from idea to finished product

CTSO: FBLA OR SKILLSUSA

- FBLA inspires and prepares students to become community-minded business leaders in a global society through relevant career preparation and leadership experiences.
- SkillsUSA improves the quality of America's skilled workforce through a structured program of citizenship, leadership, employability, technical and professional skills training.





DIGITAL PHOTOGRAPHY

Pathway



COHERENT SEQUENCE

● *Digital Photography I*

● *Digital Photography II*

**Technical Skills Assessment Administered

● *Internship*

CAREER POSSIBILITIES

- Freelance Photographer
- Editor
- And More!

INDUSTRY CREDENTIALS

- None at this time

COURSE DESCRIPTION

- Create beautiful montages using professional cameras and a wide range of tools
- Design and photograph a professional-level photo portfolio
- Create dynamic artistic prints using advanced editing and manipulation software

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ENGINEERING

Pathway



COHERENT SEQUENCE

- *Engineering I*
- *Engineering II*
- *Engineering III*
**Technical Skills Assessment Administered
- *Honors Engineering IV*
- *Internship*

CAREER POSSIBILITIES

- Engineering Technician
- Project Manager
- Civil Engineer
- And more!

PREREQUISITES

- Algebra I

INDUSTRY CREDENTIALS

- Autodesk Fusion 360

COURSE DESCRIPTION

- Invent, design, and produce solutions for complex engineering challenges from concept to completion using Project Lead the Way
- Design and create prototypes using 3D printing technologies applying advanced STEM principles
- Build and program high-tech robots to follow your every instruction and showcase your work in competitions

CTSO: SKILLSUSA

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FILM & TV *Pathway*



COHERENT SEQUENCE

- *Film & TV I*
- *Film & TV II*
**Technical Skills Assessment Administered
- *Film & TV III*
- *Honors Film & TV IV*
- *Internship*

CAREER POSSIBILITIES

- Production Assistant
- News Anchor
- Video Editor
- Writer
- And more!

INDUSTRY CREDENTIALS

- Adobe Certifications
- Apple Certifications

COURSE DESCRIPTION

- Create dynamic films, documents, documentaries, music videos, public service announcements, and animated shorts
- Showcase your artistic and creative talents using professional equipment and editing software
- Develop, produce, and deliver unique video and audio projects for film and TV from concept to completion

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GRAPHIC DESIGN

Pathway



COHERENT SEQUENCE

● *Graphic Design I*

● *Graphic Design II*

**Technical Skills Assessment Administered

● *Graphic Design III*

● *Internship*

COURSE DESCRIPTION

- Design and produce dynamic marketing projects through drawing, computer graphics, and digital photography
- Create compelling animations, logos, typography, and package design for effective visual communications
- Operate a successful student-run printing and apparel business to serve the community with a wide range of products and services



CAREER POSSIBILITIES

- Multimedia Designer
- Creative Director
- Social Media Specialist
- Brand Identity Designer
- And More!

INDUSTRY CREDENTIALS

- Adobe Certifications

CTSO: FBLA OR SKILLSUSA

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LIVE ENTERTAINMENT PRODUCTION

Pathway



COHERENT SEQUENCE

- *Live Ent. Prod. I*
- *Live Ent. Prod. II*
**Technical Skills Assessment Administered
- *Internship*

COURSE DESCRIPTION

- Live Entertainment Production instructional program prepares students to participate in the technical and management areas of the performing arts and live entertainment industry
- Cable rigging, lighting techniques, design and construction, costume, and audio production are areas of focus

CAREER POSSIBILITIES

- Stage Manager
- Costume Designer
- Sound Technician
- And More!

INDUSTRY CREDENTIALS

- OSHA 10





MARKETING *Pathway*



COHERENT SEQUENCE

- *Marketing I*
- *Marketing II*
**Technical Skills Assessment Administered
- *Marketing III*
- *Internship*

CAREER POSSIBILITIES

- Market Research Analyst
- Entrepreneur
- Business Executive
- Finance
- And More!

INDUSTRY CREDENTIALS

- RISE-Up

COURSE DESCRIPTION

- Experience a wide range of dynamic business strategies to create, communicate, and deliver products and services to customers
- Design and implement powerful advertising and management plans to compete globally
- Create and present unique materials for unforgettable advertising, sales, and public relations campaigns

CTSO: DECA

- DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality, and management in high schools and colleges around the globe.





SPORTS MEDICINE

Pathway



COHERENT SEQUENCE

- *Sports Med I*
- *Sports Med II*
**Technical Skills Assessment Administered
- *Rehabilitation & Modalities*
- *Internship*

CAREER POSSIBILITIES

- Athletic Trainer
- Physical Therapy Aide
- Nurse
- Physical Therapist
- And more!

COURSE DESCRIPTION

- Apply detailed anatomical knowledge to recognize and evaluate injuries for competitive athletes
- Design and implement treatment plans utilizing professional-grade rehabilitation equipment

CTSO: HOSA

- HOSA actively promotes career opportunities in the health industry and enhances the delivery of quality health care to all people.

INDUSTRY CREDENTIALS

- First Aid/CPR
- OSHA 10
- Physical Therapy Aide





INTERNSHIP



CTE INTERNSHIP

A CTE Pathway Completer - A student that has completed all levels of a CTE Pathway that is seeking to apply field knowledge and skills.

PROFESSIONAL INTERNSHIP

A Professional Intern is a student that has not completed a CTE course sequence. This student currently has a paid job and is seeking school credit for their job placement.

**Both interns are required to comply with course requirements in order to obtain school credit.

COURSE REQUIREMENTS

- Must be an upcoming senior, with a 2.8+ GPA.
- Complete Internship Application & 3 letters of recommendation
 - CTE Teacher Letter of Recommendation
 - Faculty Letter of Recommendation
 - Counselor Letter of Recommendation
- Attend all in-person class times. Refer to Appendix D for in-person dates.
- Complete all coursework assessments - reflective journals, timesheets, mentor evaluations, portfolio, and presentation.
- Agree to work 130 hours or more throughout the school year (65 per semester).
- Students are responsible for arranging transportation to and from the internship site.

