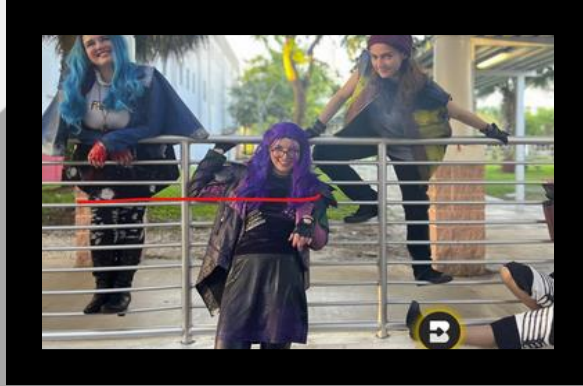


CCHS CTE & Fine Arts Showcase



Programs Offered at CCHS

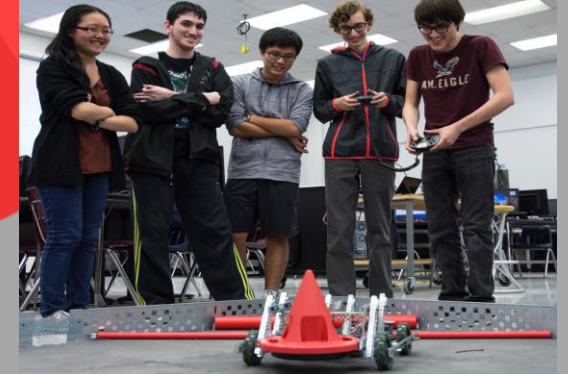


Early Childhood Education
Auto Maintenance & Light Repair
Business Management/DECA
Computer Science
Exercise Science/Personal
Training

Film
Journalism
Marketing
Video Production
Visual Arts
Performing Arts



Career Technical Education



What is CTE?

Career and Technical Education (CTE) opportunities provide students with a school-to-career connection. Cooper City High School offers a variety of CTE courses that lead to industry certification, enabling students with the training and certification needed to attain employment right out of high school. All Industry certifications are real-world certifications that are designed, administered, and recognized by industry. Students who earn Industry Certifications may have an advantage gaining employment or be eligible for post-secondary scholarships as well as college credits..

Programs Offered at CCHS

Auto Maintenance & Light Repair
Business Management/DECA
Computer Science
Early Childhood Education
Exercise Science/Personal Training
Film
Journalism
Marketing
Video Production

Early Childhood Education

About this Program

The Early Childhood Education program prepares students for careers working with children and entry-level certification through the National Child Development Associate. It provides a strong foundation in ECE theory and best practices. Students apply their knowledge in the onsite Littlest Cowboys Preschool, gaining hands-on experience and industry skills. This real-world training equips them with employability skills for the 21st-century workforce.



Program Structure

The ECE program is structured into two main components:

- 1. ECE Theory:** Students receive instruction in best practices, child development, classroom management, and guidance techniques. They also learn essential rules and regulations for working with young children. The program builds a strong foundation in how children grow and develop while preparing students to teach, nurture, and care for children from birth to age five.
- 2. Early Learning Lab:** Students work in the on campus Early Learning Lab. When working in the Early Learning Lab students gain hands-on experience while applying ECE theory and best practices. In addition, students create and implement daily lesson plans/ learning activities as well as plan and implement family events.



Courses

Early Childhood Education & Principals of Teaching

- Early Childhood Education 1 (84051100)
- Early Childhood Education 2 (84051200)
- Early Childhood Education 3 (84051300)*
- Early Childhood Education 4 (84051400)*
- Introduction to Teaching (8099010)
- Foundations of Curriculum & Instruction (8099030)
- Principals of Teaching Internship (80990400)

(Students can have an opportunity to intern at a local elementary school when completing the ECE program.)

These courses *require* registering for state and national certifications in early childhood, testing at an off-site location and volunteer hours in the ELL each year for certification.

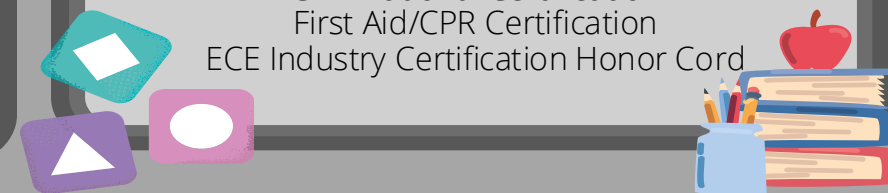
The courses total a minimum of 600 Hours

- 120 hours of classroom instruction
- 480 hours of direct work with children five years of age and under

Industry Certification

Through this program students can potentially graduate with the following:

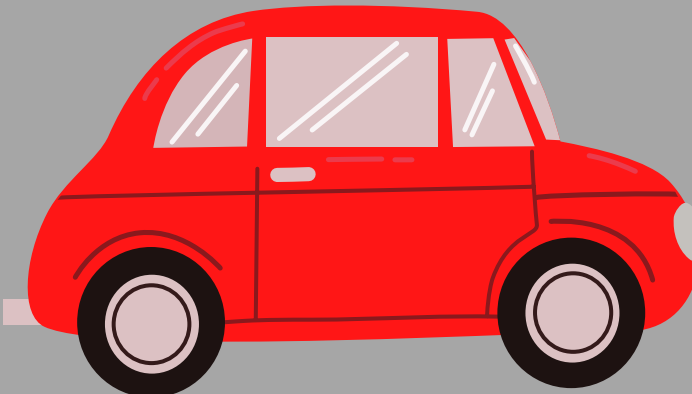
ECPC State Certification
CDA National Certification
First Aid/CPR Certification
ECE Industry Certification Honor Cord



Auto Maintenance & Light Repair

About this Program

The Auto Maintenance & Light Repair program prepares students for careers in automotive maintenance and light repair. Students explore career opportunities and the requirements of a professional service technician. They learn to use tools for light repairs and gain knowledge in safety, equipment, shop operations, engine fundamentals, and technician skills. The program also provides the opportunity for students to earn an ASE certification in Brakes upon passing the student-level exam. This comprehensive training equips students with the skills needed for entry-level positions in the automotive industry.



Courses

Below is the list of courses within The Auto Maintenance & Light Repair program.

- 1) Auto Maintenance & Light Repair 1/2 Honors
(95041100/95041200)
- 2) Auto Maintenance & Light Repair 3/4 Honors*
(95041300/95041400)
- 3) Auto Maintenance & Light Repair 5/6 Honors*
(95041500/95041600)

Industry Certification

After completing the Auto Maintenance & Light Repair 3/4 Honors course, students will have the opportunity to take the ASE Entry-level Student Certification.

Business & Marketing

We infuse AICE Cambridge into Business

About this Program

DECA prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality, and management in high schools and colleges around the globe. The DECA program at Cooper City High School is divided into two pathways. They are Business Management & Analysis and Marketing.

Business Management & Analysis

Students in this pathway will learn various aspects of business including but not limited to legal business structures, business environment, human resources, marketing, and finance. All students are required to join DECA and will participate in the many competitions this organization has to offer. Seniors will participate in the VEI program which gives students employability skills through a year-long simulation of a startup business that operates in a virtual economy with other schools in the program. Students in these courses will have the opportunity to earn an Entrepreneurship Master certification.

Marketing

This program offers a sequence of courses that prepares students for further education and careers in the sport, recreation, and entertainment marketing and sales industry; provides technical skill proficiency, and includes competency-based applied learning that contributes to academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge of all aspects of sport, recreation, and entertainment marketing occupations.



The DECA Connection

Both Business and Marketing pathways are co-curricular with DECA. Students who are in the pathway are required to join DECA. Dues for the club do not exceed \$45.00, and is required to participate in academic competitions ranging from business plan writing to creating integrated marketing campaigns.

Courses

Business Management & Analysis

- 1) Business and Entrepreneurial Principles Honors (ESB Certification) (8215120)
- 2) Management and Human Resources Honors (83011100)
- 3) AICE Business AS Level (AICE Humanities Credit) (21023240)
- 4) Business Analysis Honors ([VE curriculum](#); Entrepreneurship Master Certification) (83011200)

Marketing

- 1) Marketing Essentials (88271100) (ESB Certification)
- 2) Marketing Applications (8827120)
- 3) Marketing Management (8827130)
- 4) Business Ownership (8812000) ([VE curriculum](#); Entrepreneurship Master Certification)
- 5) Sports Rec & Entertainment Applications (8827420)
- 6) Sports Rec & Entertainment Marketing Mgt. H (8827430)
- 7) Sports Rec & Entertainment Marketing Internship (8827440)

Industry Certification

Social Media Strategist
Entrepreneurship Small Business (ESB)
Design for Delight

About this Program

As part of our course offerings here at Cooper City High we are proud to offer an array of Computer Science courses to our students.

Foundations of Programming:

This course covers the fundamentals of programming and the use of various computer programming languages. Students will learn the concepts, techniques, and processes associated with computer programming and software development.

Cambridge International AS Level Computer Science:

Students meet the needs of higher education courses in computer science as well as twenty-first century digital employers. This course encourages leaders to think creatively, through applying practical programming solutions, demonstrating that they are effective users of technology.

AP Computer Science Principles:

An introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge.

AP Computer Science A:

AP Computer Science A is a programming class. The course emphasizes object-oriented programming methodology, especially problem solving and algorithm development, plus an overview of data structures and abstraction.



Computer Science

We infuse AI/CE Cambridge
and

AP into Computer Science

Course Descriptions

Introduction to Engineering Design Hon:

This honors course introduces students to the engineering design process, research, teamwork, communication, and technical documentation. Students apply engineering and scientific concepts to solve design problems and use 3D modeling software to develop solutions.

Principles of Engineering:

This course explores engineering and technology, preparing students for postsecondary programs. Through problem-based learning, students develop math, science, and technology skills while studying key engineering topics, systems, and manufacturing processes.

Digital Electronics/Robotics Hon:

This honors course covers applied logic, electronic circuits, and device design. Students explore combinational and sequential logic, teamwork, communication, and engineering standards. They use computer simulation software to design and test digital circuits before construction.

Engineering Design and Development:

This capstone course challenges students to develop a complete design solution. Working in teams, they design, prototype, test, and produce a final product, applying knowledge from technology education and other subjects. Students will present a formal project report.

Industry Certification

Python
Java
JavaScript.
RECF Pre-Engineering

RECF Robotics
Fusion 360
Cisco Certification
CompTIA

Computer and Network Security Fundamentals:

This course prepares students for CompTIA A+ certification, the industry standard for IT careers. Students develop skills in endpoint management, technical support, and performance-based problem-solving for critical IT tasks..

Cybersecurity Essentials:

This course prepares students for CompTIA Network+ certification, covering network troubleshooting, configuration, and management. It validates hands-on skills for wired and wireless networks, including emerging technologies like cloud, mobile, and virtualization technologies.

#CowboysCode



Exercise Science

About this Program

The Exercise Science pathway encompasses a wide variety of disciplines including bio-mechanics, sports nutrition, and exercise physiology. Exercise science professionals work in the health and fitness industry and are skilled in evaluating health behaviors and risk factors, conducting fitness assessments and motivate individuals to modify negative health habits.

Industry Certification

Students who complete a CTE pathway or earn an Industry Certification that aligns with Broward College's Associate of Science degree programs can earn FREE college credit. (NASM Certification)

www.broward.edu/academics/cpl/pages/high-school.aspx



Courses

Below is the list of courses within the Exercise Science program. During the completion of the Exercise Science program, students will have the opportunity to take the NASM Personal Trainer certification senior year enabling students to work as a personal trainer right out of high school.

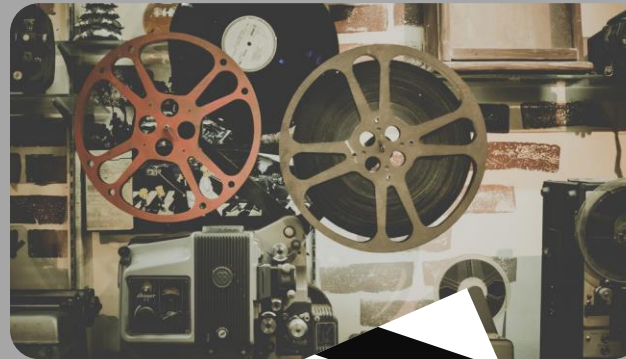
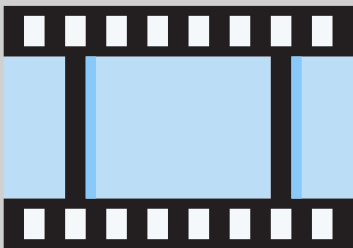
- 1) Anatomy & Physiology Honors (8417100)
- 2) Health Science Foundations Honors (8417110)
- 3) Exercise Science Honors (8417120)



Film 1, Film 2, AICE Media Studies

About this Program

The Film program is a great fit for students who love to watch movies and are interested in learning about the history, industry, and filmmaking process associated with the film industry. Through this program, students will be introduced and learn how to analyze films, identify the particulars of various genres, and create their very own films. Industry Certification attached to this program are Photoshop and Premiere Pro.



Courses

Below is the list of courses within the Film program.

- 1) Film 1/ Dig Visual Tech 1
(01074100/01074400)*
- 2) Film 2/Dig Visual Tech 2
(01074200)*
- 3) AICE Media Studies I
AS Level
(11004600)*

Industry Certification

Students who matriculate through the program will obtain the opportunity of acquiring two certifications. First, students who complete the Film 1 course will take the Photoshop certification exam. Second, students who complete the Film 2 course will take the Premiere Pro certification exam.

Journalism

About this Program

The Journalism program is a great fit for students who possess a strong desire to acquire knowledge regarding writing different types of articles, interviewing, publishing a school newspaper, and using social media to share school news. Students who partake in this program will be benefited in four ways. First, students will develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. Second, students will help produce a publication written and fully designed by staff members of The Lariat student newsmagazine or The Roundup yearbook. Third, students will gather news, write leads and articles, take photographs, and use Adobe InDesign. Fourth, students will hone interview and research skills as well as master the craft of journalistic writing. There are multiple opportunities for students in the program to participate in leadership and competition events.



Courses

Below is the list of courses within the Journalism program.

- 1) Journalism 1 (1006300A)*
- 2) Journalism 2 Local Honors (Np) (1006310A)
- 3) Journalism 3 Local Honors (Np) (1006330T)
- 4) Journalism 4 Honors (Np) (10063320)

-----OR-----

- 1) Journalism 1 (1006300A)*
- 2) Journalism 2 Local Honors (Yb) (1006310D)
- 3) Journalism 3 Local Honors (Yb) (1006330V)
- 4) Journalism 4 Honors (Yb) (10063321)

Video Production

About this Program

Digital Video Production prepares students for careers in film and video production by providing hands-on experience with production and editing equipment. Students learn skills in camera operation, video editing, multimedia artistry, and broadcasting. They also have the opportunity to become certified in Adobe Premiere Pro, an industry-standard software. The course focuses on group production and the creation process, allowing students to work collaboratively. Over two semesters, students complete five projects, including a music video, public service announcement, and news package, gaining expertise in scripting, filming, and editing.



Courses

Below is the list of courses within the Digital Video Production program.

- 1) Digital Video Production 1 Honors (87724100)*
- 2) Digital Video Production 2 Honors (87724200)*
- 3) Digital Video Production 3 Honors (87724300)*
- 4) Digital Video Production 4 Honors (87724400)*

Students participate in creating the morning announcements with state-of-the-art control room and television software. Some 2's or above may be hand chosen to become part of the nationally ranked program, CTV.

Industry Certification

During the completion of Digital Video Production 1, students will have the opportunity to take the Adobe Premier Pro certification exam. In DVP 2 & above students will also certify in Adobe After Effects.

Visual Arts

We infuse AP into Visual Arts

About this Program

CCHS visual arts courses offer students an opportunity to develop artistic skills while fulfilling the Fine Arts graduation requirement. Beginning with foundational courses like 2D and 3D Studio Art, students build essential techniques in drawing, painting, sculpture, and design. As they progress, they can explore specialized disciplines such as Pottery and Photography, deepening their understanding of materials, composition, and artistic expression. Each course serves as a stepping-stone for more advanced study, allowing students to refine their skills and creativity while preparing for potential careers or further education in the arts.



Visual Arts Courses

Ceramics/Pottery 1
2D Art 1
Drawing 1- 2
Creative Photo 1-2
Portfolio 2D Design H
AP 2-D Design
Portfolio Drawing Honors
AP Drawing



Performing Arts

We infuse AICE Cambridge & AP into Performing Arts

About this Program

CCHS performing arts program offers students a vibrant and immersive experience in theater, music, and stage production. From acting and improvisation to instrumental performance and technical theater, students have the opportunity to develop their talents while fulfilling the Fine Arts graduation requirement. Theater courses, including Acting, Musical Theater, Improv, and Technical Theater, provide hands-on experience in performance, storytelling, and stagecraft. Music programs, such as Band, Jazz Band, Instrumental Studies, and Color Guard, cultivate musicianship, teamwork, and performance skills. With a progression of courses designed to challenge and inspire, the performing arts program nurtures creativity, confidence, and collaboration, preparing students for future opportunities in the arts and beyond



Theater

Theatre Improv 1
Improv 2/Acting 1-3
Acting 1-4
Musical Theatre 1-3
Technical Theatre Des. & Prod. 1-4
AICE/Cambridge Drama AS
AICE /Cambridge Drama A



Band

Beginning Band 1
Band 2-6
Jazz Band 1-4
Instrumental Tech 1-4
Color Guard-Eurhythmic 1-4

