

2018-2019 New Course Recommendations for CIP Committees

New Fine Arts courses for 2018-2019			CSHS CIP	AMCHS CIP	CVHS CIP
	Art 3 PreAP	1 credit	Yes	Yes	No
	Forensic Art	1 credit	No	No	Yes
New ARR-elective courses for 2018-2019					
	Teen Leadership	½ credit	Yes	No	No
	Partner PE	½ - 1 credit	Yes	Yes	
New CTE courses for 2018-2019					
AAV	Practicum in Graphic Arts	2 credits	Yes	Yes	No
AAV	Commercial Photography	1 credit	Yes	Yes	No
Law & Public Safety	Firefighter Health and Safety	½ credit	No	No	Yes
Law & Public Safety	Forensic Science	1 credit	No	No	Yes
Tech Apps	Digital Art and Animation	1 credit	Yes	Yes	No
Tech Apps	Digital Design and Media	1 credit	Yes	Yes	No
STEM	Intro to Engineering Design	1 credit	Yes	No	No

Fine Arts

Art 3 PreAP

8054	ART 3-PRE-AP			5.0
Prerequisite(s): Art 1, Art 2, Teacher Approval		Credit	Grade Level	Course Length
		1	11-12	Year
Art 3 Pre-AP Art is for the serious art student wanting to pursue an AP portfolio submission their Senior year either in AP Drawing, 2D Design, or 3D Design. In this course students will learn the requirements and submission processes for the Advanced Placement portfolio. They will experiment with an assortment of medias and contents, creating works for the Breadth section of their portfolio.				
Fee: \$25		Fine Arts/ Elective		
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Art III		ART3	03500300	

Justification for new course to be presented to CIP committee, DEIC, and school board:

Our number of students pursuing an AP portfolio in studio art has grown significantly. The preparation of an AP portfolio is arduous and time-consuming requiring anywhere between 18-24 pieces of work. Creating a Pre-AP section would allow students to begin creating work for the Breadth section, which requires 12 pieces to be created, and allow them time to adjust to the rigor of the AP process and experience the AP student's concentration statement writing and submission process. The Pre-AP section would be stacked into the AP class as long numbers allow.

Art

FORENSIC ART			4:0	
Prerequisite(s): Drawing I, Anatomy & Physiology highly recommended	Credit	Grade Level	Course Length	
	1 credit	10-12	Year	
<p>Learn how you can put your artistic skills to use in law enforcement. By taking Forensic Art, you'll apply drawing skills in simulated cases, provide visual evidence in legal proceedings, and assist law enforcement. You'll acquire skills such as composite drawings, postmortem, and facial approximation aids. These skills will provide you with skills and the opportunity to market yourself and to pursue a career as a forensic artist.</p>				
Fee: 0			Elective Credit	
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Forensic Art		FORART	N1170190	

Justification for new course to be presented to CIP committee, DEIC, and school board:

- The course will help to enhance the Arts and Humanities endorsement
- Adding this additional Art course will strengthen the Art pathway
- When students exit the program, they can utilize the skills to market themselves to various law enforcement agencies
- Skills gained can assist students with obtaining a high-demand career path

Academic Resource (Electives) and Recovery (ARR)

Teen Leadership

1033	TEEN LEADERSHIP			4.0
Prerequisite(s): None		Credit	Grade Level	Course Length
		1/2 credit	9-12	Sem
<p><i>Teen Leadership</i> is a leadership development and character education elective. The <i>Teen Leadership</i> course develops critical, life-changing skills for students including taking personal responsibility, expressing themselves well, and making good decisions when problems arise. The practical skills taught in Teen Leadership will apply to both formal and informal leadership opportunities in school and beyond. Students will enhance their public speaking and communication skills through speeches and small and large group activities and will develop interpersonal skills and emotional intelligence through activities with other participants</p>				
Fee: none		Elective Credit		
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Teen Leadership		TEENLDR	N1290012	

Justification for new course to be presented to CIP committee, DEIC, and school board:

We are proposing this course as a ½ credit so it can be paired with some of our ½ credit CTE offerings and journalism. This course aligns with our social/emotional learning goals for the district and campus. We will have teachers on our campus who have completed the training offered by The Flippen Group to teach their Teen Leadership curriculum.

Curriculum Topics Include:

- Leadership skills
- Principle-based decision-making
- Personal responsibility
- Attitude
- Social skills
- Consequences of choices
- Resisting peer pressure
- Healthy relationships
- Conflict resolution and peer mediation
- Preparation for school-to-work transition
- Public speaking
- Goal-setting

Students in *Teen Leadership*:

- Develop a healthy self-concept, healthy relationships and a sense of personal responsibility.
- Understand emotional intelligence and the skills it measures, including self-awareness, self-control, self-motivation, and social skills.
- Build skills in public speaking and communication, as well as develop an understanding of personal image.
- Understand how to manage and positively channel the power of social media.
- Develop an understanding of principle-based decision-making.
- Learn to make responsible dietary, fitness, and financial decisions.
- Recognize and resist peer pressure.
- Develop bullying prevention and defending skills.
- Learn to become better family members and citizens.
- Appreciate the need for vision in goal-setting, both personally and professionally.
- Develop leadership skills through practiced community service.

Academic Resource (Electives) and Recovery (ARR)

Partner PE

0100	PARTNER PE: PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES 1			4.0
0104	PARTNER PE: PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES 2			
Prerequisite(s): application and interview process		Credit	Grade Level	Course Length
		.5-1	10-12	Semester-Year
Partner PE is a success oriented physical education program featuring supervised peer tutors and individualized learning and instruction for students with disabilities. The class is designed to meet the unique physical education needs of students with disabilities who cannot meet the requirements of regular physical education because of physical, social, emotional, or behavioral limitations. Students who enroll in Partner PE will have the opportunity to partner with students with disabilities, develop leadership skills, and learn more about possible careers involving individuals with disabilities.				
Fee: none		Elective Credit		
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Peer Assistance for Students with Disabilities 1 & 2		PASWD1 & PASWD2	N1290203 & N1290204	

Justification for new course to be presented to CIP committee, DEIC, and school board:

College Station High School has large number of students with disabilities who are served through LifeSkills classes. PE is a general education inclusion course for these students, and they would continue to be enrolled in the general education PE courses options already available. Peer Assistance for Students with Disabilities will be paired with these PE courses, so that students who have already met their PE requirements or for students currently receiving PE credit through athletics, band, drill team etc. to participate as a peer tutor through an elective course. These tutors will be recruited and interviewed in order to ensure they are suited to working with individuals with special needs. In Partner PE, all students involved will benefit from the inclusive school environment fostered.

A curriculum is already developed for the course along with training guides for the peer tutors.

CTE – Arts/AV

Practicum in Graphic Arts - AMCHS & CSHS

6424	PRACTICUM IN GRAPHIC ARTS			5.0
Prerequisite(s): Graphic Design II or Animation II	Credit	Grade Level	Course Length	
	2	12	Year	
<p>Innovation is the driving force behind this course which is designed for students wanting to pursue advanced Animation or Graphic Design topics. This course will give students the opportunity to hold a position, or internship in the media/journalism field. Students will produce professional level projects that can be used in a college/career portfolio. The focus of the class is real-world application of the skills learned in Advanced Animation and/or Advanced Graphic Design. Opportunities for Adobe / Autodesk certifications are available. Students will have project based assessments and hands on application.</p>				
Fee: none			Elective Credit	
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Practicum in Graphic Design and Illustration (First Time Taken)		PRACGRD1	13009000	

Justification for new course to be presented to CIP committee, DEIC, and school board:

One year of graphic design provides students with great information and base skill, but is not enough time to help them truly learn all they can about the Graphic Design industry. In our advisory meetings, leaders in the industry have told us that students with the proper skills can easily find a job in the industry straight out of high school. In fact, they are in need of young reliable and skilled individuals for open positions in their companies. These courses will allow students to not only proceed through their career pathway to attain their endorsement, but also give them the employability skills that can eventually lead to a career in the industry or open the door for a job that can help pay their way through college.

Students will collaborate with one another, their instructor and with various electronic communities to solve the problems presented throughout the course. Data analysis will include the identification of task requirements, planning search strategies and the use of computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create a solution, and evaluate the results. Students will learn to become good digital citizens by researching current laws and regulations and by practicing integrity and respect throughout the Graphic Design upper level courses.

CTE – Arts/AV

Commercial Photography – AMCHS & CSHS

6474	COMMERCIAL PHOTOGRAPHY I			4.0
Prerequisite(s): Principals of Arts, AV, Comm		Credit	Grade Level	Course Length
		1 credit	10-12	Year
Say cheese! In the age of smartphones, Snapchat, and Instagram, most of us have a rudimentary understanding of photography. But what if you want to take your skills to the next level? Welcome to Commercial Photography. Here you will learn the principles of photography and how to manually operate DSLR cameras with professional dexterity. From portraits to landscapes, light painting to astrophotography, Commercial Photography will turn your hobby into a career-ready skillset.				
Fee: none				
TEA Course Title		TEA Course Abbrev.	TEA/RIEMS number	
Commercial Photography I		CPHOTO1	13009100	

Justification for new course to be presented to CIP committee, DEIC, and school board:

In today's world of exponentially evolving digital resources, photography continues to be in high demand. Though it has existed for over 100 years, the digital revolution has delivered the craft of photography into the hands of consumers. Though most students have dabbled in photography through their phones, few know more than the absolute basics of composition.

We've reached a point in our society where images carry more weight than words. Every business and organization needs images – photographs – to sell their products/services and convey their mission to the world. Training students in photography not only brings functional awareness of its commercial applications, but also prepares them to offer their own services in the industry.

By the end of this course, students will be able to shoot professional quality photographs, be proficient in industry-standard photo editing software, and will have a portfolio of work worthy of submission to potential employers and higher level educational institutions.

Since much of the equipment and software required to teach Commercial Photography overlaps with that already used by Audio Video Production, budget adjustment should be minimal.

CTE

FIREFIGHTER HEALTH AND SAFETY			4.0
Prerequisite(s): None	Credit	Grade Level	Course Length
	0.5	9-10	SEMESTER
<p>Do you have a passion for giving back and a commitment to helping others and want a career in public safety? Firefighter Health and Safety is a course to get you started on a pathway to a career as a firefighter. You'll study firefighter safety and health in emergency and non-emergency situations.</p>			
Fee: None		Elective Credit	
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number
Disaster Response		DISRESP	N1303011

Justification for new course to be presented to CIP committee, DEIC, and school board:

- One of two foundation courses in creating a complete pathway for the Law, Public Safety, Corrections, and Security Cluster at CVHS
- Students can earn technical dual credit
- Students will earn an Emergency Care Attendant (ECA) and Basic Fire Suppression Certification
- Students may earn an EMT certification, making them more marketable for careers such as emergency transport, inter-facility patient transport, ER tech, and a standby medic
- Pathway helps to address industry's need for firefighters in the College Station community
- Provides an opportunity to increase partnerships between CSISD, Blinn College, and TEEXS

CTE

FORENSIC SCIENCE			4.0
Prerequisite(s): Biology and Chemistry	Credit	Grade Level	Course Length
	1 credit	11-12	Year
<p>Did you know you can use your science skills to solve crimes? Forensic Science - the application of science for solving crimes. This is a course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology, anatomy, chemistry, and physics to solving crimes. The cases are fascinating, the labs engaging, and the content is an application of all sciences studied up to this point. You'll get to see how evidence affects the justice system.</p>			
Fee: 0		Science Credit	
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number
Forensic Science		FORENSCI	13029500

Justification for new course to be presented to CIP committee, DEIC, and school board:

- Meets the 4th-year science graduation requirement
- Provides students with an additional science option
- Strengthens the science pathway
- Due to the interest of this field, adding this course will provide students the opportunity to explore this career and field
- Develops the students' academic and technical skills through real-world application

CTE – Tech Apps

6404	DIGITAL ART AND ANIMATION			4:0
Prerequisite(s): Princ of AAVC and Proficiency in the knowledge and skills relating to Technology Applications, Art I		Credit	Grade Level	Course Length
		1 credit	9-12	Year
<p>Work in digital photography, animation, electronic sound and music, graphic design, and other digital or interactive media to create computer images and animated projects. Start to the big screen industry.</p>				
Fee: 0		Elective Credit		
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Digital Art and Animation		TADGAA	03580500	

Justification for new course to be presented to CIP committee, DEIC, and school board:

To meet TEA's required curriculum – Technology Applications

CTE – Tech Apps

6400	DIGITAL DESIGN AND MEDIA PRODUCTION			4:0
Prerequisite(s): Princ of AAVC and Proficiency in the knowledge and skills relating to Technology Applications		Credit	Grade Level	Course Length
		1 credit	9-12	Year
Students will use creativity and computer skills to <i>design</i> visuals associated with electronic technology. Create websites and computer-game graphics to special effects for movies, and work in a variety of industries, including entertainment, education, and advertising				
Fee: 0		Elective Credit		
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
Digital Design and Media Production		TADGC	03580610	

Justification for new course to be presented to CIP committee, DEIC, and school board:

To meet TEA's required curriculum – Technology Applications

CTE – STEM

6740? (REPLACING PRINCIPLES OF ENGINEERING?)	INTRODUCTION TO ENGINEERING DESIGN			4.0
Prerequisite(s): none	Credit 1 credit	Grade Level 9-11	Course Length Year	
Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. The major focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.				
Fee: none	1 CTE Credit			
TEA Course Title		TEA Course Abbrev.	TEA/PIEMS number	
PLTW Introduction to Engineering Design		IED	N1303742	

Justification for replacing Principles of Applied Engineering with Introduction to Engineering (as part of PLTW) to be presented to CIP committee, DEIC, and school board:

- The replacement of this course will allow the district to implement the Project Lead the Way curriculum which is a national-level program that empowers students to lead their own discovery and develop in-demand, transportable skills
- Studies have shown:
 - PLTW contributes to a strong, positive impact on mathematics and science achievement
 - PLTW has a positive influence on students' career interest and likelihood to continue their education
 - PLTW high school graduates are nearly three times as likely to major in STEM versus non-PLTW graduates
 - PLTW students in Texas scored higher on the state's mathematics assessment and were more prepared for higher education institutions in the state
 - PLTW students outperform their peers in school, are better prepared for post-secondary studies, and are **more likely to consider careers** as scientists, technology experts, engineers, mathematicians, healthcare providers, and researchers compared to their non-PLTW peers.
- PLTW supports a balanced approach to assessment for all programs, integrating both formative and summative assessments that allow teachers to monitor student progress and modify instruction as needed.
- Cost for this class will be:
 - the materials/ consumables which are estimated at \$2000 and
 - the Participation Fee is \$3000. The Participation Fee includes access to all the program features for which a school has a trained teacher, including, but not limited to, access to curriculum through Courses - the Project Lead The Way curriculum delivery tool; Community – a tool that allows teachers to connect with one another, share ideas, and learn from their peers; **assessments**; unlimited required **software licenses**; teacher resources and learning opportunities; **student recognition opportunities**; reporting tools; and the **PLTW Solution Center**.
- Size of class are set at 24, which is the current capacity of Principles of Applied Engineering.
- It is suggested that this course be taken as a freshman or sophomore but it could be taken as an upper level student as well.
- Certification for the teacher of IED would cost \$2400 and that is a one-time professional development course.
- Implementation will occur one class per year as follows:
 - Year 1: 2018-2019, Introduction to Engineering Design
 - Year 2: 2019-2020, Principles of Engineering
 - Year 3: 2020-2021, Engineering Design & Development