

HOME OF THE
VIKINGS



TRANSITION GUIDE 2022-2023



DUSD MISSION

OUR MISSION

Downey Unified School District is committed to developing all students to be self-motivated learners and productive, responsible and compassionate members of an ever-changing global society. Our highly qualified staff foster meaningful relationships with students, parents, and the community while providing a relevant and rigorous curriculum in facilities that advance teaching and learning.

STUDENT ACHIEVEMENT

We believe that all student must have access to a positive and challenging learning environment to guide and inspire them in realizing their individual potential and to ensure they graduate college and career ready.

TEACHING AND LEARNING

We believe that teachers must engage and motivate all students in learning, using a rigorous and relevant curriculum based on principles of 21st Century Learning.

BEST STAFF AND HIGH STANDARDS

We believe that highly qualified employees who reflect high moral and ethical character and consistently model a passion for education must be recruited, trained and retained.

POSITIVE SCHOOL CULTURE

We believe that a culture of understanding and mutual respect among all members of the learning community must be promoted in schools so that students grow academically and socially, and develop as responsible citizens.

CLEAN AND SAFE SCHOOLS

We believe that learning environments must be clean and safe to promote high performance within the school community.

RELATIONSHIP AND PARTNERSHIP

We believe that partnership and communication with parents and the community must be nurtured to optimize opportunities for learning and personal growth for students.

CONTINUOUS IMPROVEMENTS

We believe that improvements and enhancements to all aspects of our program must be implemented based on performance data.

FISCAL AND OPERATIONAL STEWARDSHIP

We believe that efficiency, transparency and cost-effective practices must characterize District and school operations to ensure that resources are aligned and applied to achieve established goals.

Downey Unified
SCHOOL DISTRICT

OUR FEARLESS LEADER

The Downey High School community is committed to developing empathetic citizens of strong character in a safe, positive, and inclusive environment where behavioral, social, and academic success are equally important.



A Message from the Principal

Dear Future Vikings,

The staff is excited to welcome you to Downey High School. We encourage you to take full advantage of our innovative programs and the great opportunities at DHS. Engineering, Computer Integrated Manufacturing, Automotive Technology, Computer Science, Bio-Medical, and Culinary Arts, are just some of the new integrated career technical education (CTE) course offerings that our students can explore in state of the art facilities. Downey Vikings have access to programs that will make them highly knowledgeable and competitive in the 21st Century.

All Vikings will be prepared for college and career success, and will discover many ways to connect to our school and community. With our numerous sports teams, clubs and activities, all students will be able to find an activity that truly interests them, and provides them with a well-rounded and meaningful adventure at Downey High.

I encourage you to be adventurous -- seek out what motivates and inspires you! Try new classes, join clubs, and participate in sports and/or activities. At Downey High School, we want you to find meaning and value in your school. The counselors and staff will help you discover your passions and guide you through your high school career. The more you put into your experience at Downey High School, the more you will get out of it.

Downey Vikings embrace the challenges of the 21st Century by offering you curriculum that includes cutting edge technology and a connection to the traditions of our past. I am honored to be your principal and I look forward to working with you as we continue to make Downey High School the best high school in Downey.

Welcome to Downey High School - Go Vikes!

Vike Vibe,

A handwritten signature in black ink, appearing to read "Tom Houts".

Tom Houts

Principal

Fearless Leader

ADMINISTRATION



TOM HOUTS, PRINCIPAL
thouts@dusd.net
ext. 5502



SCOTT FLEMING, ASSISTANT PRINCIPAL
sfleming@dusd.net
ext. 5504



GOLDEN FOWLER, ASSISTANT PRINCIPAL
gfowler@dusd.net
ext. 5524



JULIE MAIN, ASSISTANT PRINCIPAL
jmain@dusd.net
ext. 5579



ADRIAN QUINTERO, ASSISTANT PRINCIPAL
aquintero@dusd.net
ext. 5525



KELSEY SIMPSON, ASSISTANT PRINCIPAL
ksimpson@dusd.net
ext. 5522

DEAN OF STUDENTS



JESSICA SAUCEDO, DEAN (A - L)
jsaucedo@dusd.net
ext. 5531



D'SHALEN BARBER, DEAN (M - Z)
dbarber@dusd.net
ext. 5534

IMPORTANT PHONE NUMBERS

MAIN OFFICE

(562) 869-7301

DHS FAX

(562) 469-7340

DOWNEY UNIFIED

(562) 469-6500

ATTENDANCE OFFICE

(562) 469-7333

dhsattendance@dusd.net

DOWNEY TECH SUPPORT

(562) 469-6905

WETIP REPORTING



COUNSELORS

Role of the School Counselor

Downey High School Counselors are vital members of the education team. They help all students in the areas of academic achievement, personal/social development and career development. They do not work in isolation; rather they are integral to the total education program. Downey High School's ten counselors align and work with the school mission to prepare students for 21st century college and career success and to produce responsible, well rounded citizens that are connected to our local and global community.



A - BERNA
Falcon, Mary

mfalcon@dusd.net
Ext. 5508
Remind @falcondhs



BERNE - CORTES
Toledo, Alan

atoledo@dusd.net
Ext. 5510
Remind @toledodhs



CORTEZ - F
Ekk, Cindy

cekk@dusd.net
Ext. 5507
Remind @ekkdhs



G - HENRI
Curiel, Terri

tcuriel@dusd.net
Ext. 5519
Remind @curioldhs



HENRY - LOPEZ, F
Loyarte, Joanne

jloyarte@dusd.net
Ext. 5569
Remind @loyartedhs



LOPEZ, G - MOL
Evans, Wayne

wevans@dusd.net
Ext. 5521
Remind @evansdhs



MOM - PEREZ, JI
Acosta, Lori

lacosta@dusd.net
Ext. 5511
Remind @acostadhs



PEREZ, JO - ROD
Morse, Pam

pmorse@dusd.net
Ext. 5512
Remind @morsedhs



ROG - THO
Trujillo, Pedro

ptrujillo@dusd.net
Ext. 5315
Remind @trujilldhs



THU - Z
Zakour, Zak

zzakour@dusd.net
Ext. 5509
Remind @zakourdhs

HOW TO SUCCEED AT DHS

High School/College Requirements

	(220 CREDITS) DOWNEY HIGH	CSU	UC	COMMUNITY COLLEGE
a. SOCIAL STUDIES	3 YEARS World History Mod. Am. History Government/Economics	2 YEARS: World History Mod. Am. History	2 YEARS: World History Mod. Am. History (honors/AP recommended)	Community college offers students the opportunity to take the first two years of college at a two-year institution.
b. ENGLISH	4 YEARS	4 YEARS	4 YEARS (honors/AP recommended)	
c. MATH	3 YEARS Integrated Math I Integrated Math II Integrated Math III	3 YEARS Integrated Math I Integrated Math II Integrated Math III *additional years recommended	3 YEARS: Integrated Math I Integrated Math II Integrated Math III *additional years recommended (honors/AP recommended)	
d. SCIENCE	2 YEARS 1 year physical 1 year biological	2 YEARS LAB SCIENCE The Living Earth and Chemistry/ Physics *additional years recommended	2 YEARS LAB SCIENCE: The Living Earth and Chemistry *additional years recommended (honors/AP recommended)	Students may complete a certificate program, vocational program, and AA degree, or may transfer to a 4-year institution to complete their bachelor's degree.
e. LANGUAGE OTHER THAN ENGLISH (LOTE)	2 YEARS of the same language	2 YEARS of the same language	2 YEARS of the same language *additional years recommended	Many community colleges (Cerritos, Rio Hondo) are offering free tuition for the first time college students.
f. VISUAL PERFORMING ARTS	1 YEAR visual performing art	1 YEAR: Drama, Art, Art Design, Drawing, Music, Photo, Ceramics, Digital Imaging, Graphic Design, Intro to Design, Multi Media Video		
g. COLLEGE PREP ELECTIVES	<ul style="list-style-type: none"> electives do not have to be college preparatory 45 elective credits needed 	1 YEAR: English, Foreign Language, Science, Math, Social Studies, Psychology, Economics, etc.		
PHYSICAL EDUCATION	2 YEARS	NONE		
HEALTH	1 SEMESTER	NONE		

NOTE:
CSU = California State University

Below 2.0 GPA does not qualify for regular admissions.

UC = University of California

Below 3.0 GPA does not qualify for admissions.

COLLEGE & CAREER CENTER



Tina Campos
tcampos@dusd.net



Maria Lopez
malopez@dusd.net

Career Center Hours

Monday - Friday 7:30am - 3:30pm

College & Career Advisor may assist your student with individual College and Career planning on a one-on-one basis. Parents are strongly encouraged to schedule an appointment.

You will find information in these areas:

Scholarships

A current list of national based scholarships are available in the College & Career Center. Additionally, the list of scholarships are emailed to 11th & 12th grade English teachers to share with all their students in their classrooms and via email.

Note: Not to be confused with Local Scholarship - this has its own application/webpage.

Scholarship Directory

A current scholarship directory is located on the DHS website. Scholarship Directory is published and updated annually with current Federal and State financial aid resources.

SAT/ACT Info

Students can get important information such as test dates, practice test resources, and fee waivers (if eligible).

Monthly College/University visits to Downey HS to answer questions re: admissions, programs, etc.

Daily Announcements advertising FREE College Fairs in and around our area and any related College & Career events.

Current Events Calendar

You will find all on-campus college visits and events on the CCC website.

MADE Internship Program

This program is for Juniors who are interested in getting work experience during the summer after attending a series of seminars to help prepare them for the job.

FAFSA workshops are offered throughout the year. Communicate important dates to apply for financial aid and an Annual FAFSA night.

Eureka

Computerized guidance database to match skills to Career options and to complete Career Assessments and Career Exploration Project packets.

Military

Various military branches visit campus monthly. Students have the option to speak with representatives. The ASVAB (Armed Services Vocational Aptitude Battery) test is a detailed career assessment sponsored by the military, which is usually administered annually.

Work permits

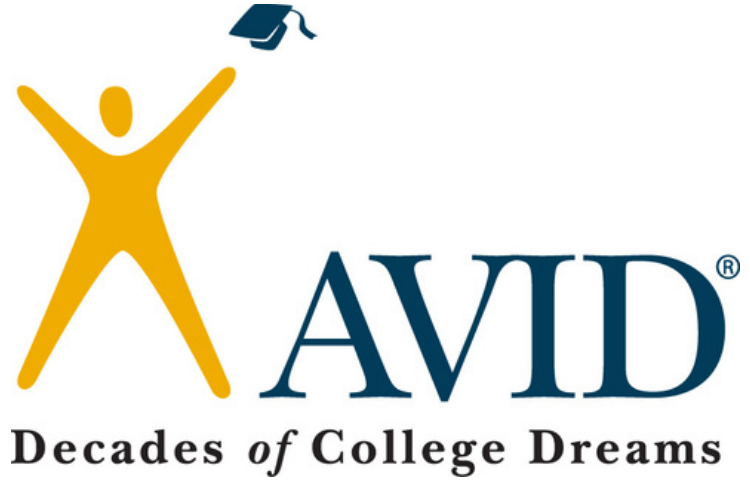
Work permits are issued through this office. Any student under the age of 18 is required to have a work permit on file.

Community College Partnerships

Community colleges partner with Downey High to provide available resources and events like Senior Preview Day, as well as offering eligible students priority registration and free tuition for the first two years of college.

Financial Aid and College Application Workshops

YOU'RE INVITED TO YOUR FUTURE



You have been recommended for a special college preparatory program. If you...

- Want to improve your success in high school?
- Want to go to college after high school?
- Have the determination to work hard?
- Want to improve your reading and writing in all of your subjects?
- Want to work with college tutors?
- Want to go on exciting field trips and hear guest speakers?
- Want to have fun with other students who share your goals?

ACTIVITIES



Andrea Sims

Activities Director

asims@dusd.net

Ext. 5548



CLUBS

- A Better You Club
- Anatomy Club
- Anime Club
- APES Club
- Art Club
- AVID Club
- Baking Club
- Black Student Union
- Book Club
- Cheer
- Choir
- Christian Club
- Class of 2022
- Class of 2023
- Class of 2024
- Class of 2025
- CSF: California Scholarship Federation
- Downey Cares Club
- Downey Grown Garden Club
- Downey Medical Society
- Ecology Club
- Fashion Club
- Femineers
- Fisherman's Club
- Folklorico Club
- Future Teachers of America
- Game Developers' Club
- Gamers' Club
- German Club
- International Thespan Society
- Jazz
- Key Club
- KIWINs
- Knitting Club
- K-pop
- Leadership Club - ASB
- Let's Erase the Stigma
- Letters for Rose
- Library Club -
- Link Crew
- Marvel Club
- Math Competition Club
- One Night Only Improv
- Peace Club
- Physics Club
- Power 4 Periods
- Robotics Club - Striking Vikings
- Save the Children
- Science Club
- Sprencb Club
- Students for Immigrant Rights
- Table Club
- Tending TA/s
- The Downey Legend Newspaper
- The Third Eye
- Thirst Project
- TPWK, Treat People with Kindness Club
- United for Culture
- Writing Center
- Yearbook
- Youth for Change

ASB

ASSOCIATED STUDENT BODY



WELCOME TO VIKING NATION

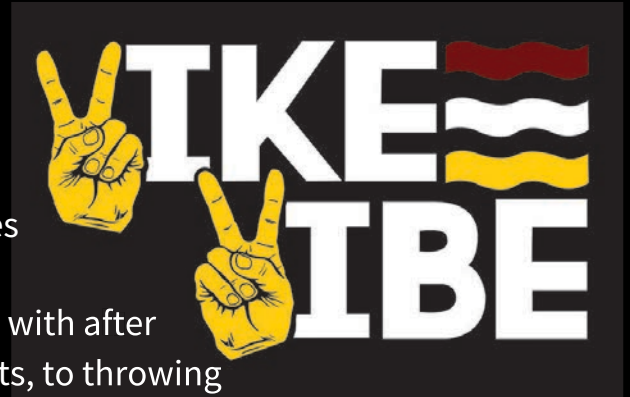


@downeyhighasb

LINK CREW

Downey Link Crew is a student-run campus organization dedicated to making EVERY freshman feel like part of the Viking Family! Link Leaders create a positive campus community by building spirit - this is what we call the Vike Vibe. Link Crew's purpose is to create a campus that makes everyone #wishtheywereaviking.

Leaders support the Freshmen class in every way possible with after school tutoring, mentoring Freshmen and transfer students, to throwing social events, to just being someone to go to a football game with to cheer and scream - Link Crew ALWAYS has your back! Vike Vibe!



@downeylinkcrew

ATHLETICS



Athletic Director

Mark Rand
mrand@dusd.net
Ext. 5489

Expectations for our Student Athletes

As a Downey High School student athlete you are required to represent, uphold, and practice the principles of Victory with Honor. This program is based on the "Six Pillars of Character" of the Character Counts Programs that is practiced district wide.

As part of a Viking athletic team you will be required to maintain a minimum G.P.A. of 2.0 and be looked at as a model of student discipline. You will be asked to participate in fundraising efforts on campus and in the local community. The effort of the coaches is to instill and nurture the concepts of responsibility, discipline and teamwork in each student athlete.



Athletics Offered

Boys' Athletics

Basketball	Larry Shelton	lshelton@dusd.net
Baseball	Jess Gonzalez	jgonzalez@dusd.net
Cross Country	Robert Gleason	rgleason@dusd.net
Football	Jack Williams	jwilliams@dusd.net
Golf	Jason Bean	jabean@dusd.net
Lacrosse	Bryant Hernandez	hernandezbryant@yahoo.com
Soccer	Javier Aguiniga Campos	jaguinigacampos@dusd.net
Sand Volleyball	Brock Wolf	bwolf@dusd.net
Swimming	Sean Delhousay	sdelhousay@dusd.net
Track & Field	Robert Gleason	rgleason@dusd.net
Tennis	Byung Park	bpark@dusd.net
Volleyball	Matthew Lostetter	mlostetter@dusd.net
Water Polo	Uriel Villa	uvilla@dusd.net
Wrestling	Kyle Acevedo	kacevedo@dusd.net



Girls' Athletics

Basketball	Nathan Harris	nharris@dusd.net
Cheer	Ashley Rauls	arauls@dusd.net
Cross Country	Robert Gleason	rgleason@dusd.net
Golf	Jason Bean	jabean@dusd.net
Lacrosse	Emmanuel Munguia	emunguia@dusd.net
Sand Volleyball	Brock Wolf	bwolf@dusd.net
Soccer	Javier Aguiniga Campos	jaguinagacampos@dusd.net
Softball	Ed Garcia	edgarcia@dusd.net
Swimming	Sal Castro	scastr@dusd.net
Track & Field	Robert Gleason	rgleason@dusd.net
Tennis	Micah Karzen	mkarzen@dusd.net
Volleyball		
Water Polo	Uriel Villa	uvilla@dusd.net
Wrestling	Roger Rios	rrios@dusd.net



ADVANCED PLACEMENT PROGRAM

Advanced Placement (AP) is a program created by the College Board which offers college-level curricula and examinations to high school students. When students take AP courses and exams, they demonstrate to college admission officers that they have sought out an educational experience that will prepare them for success in college and beyond.

Performing well on an AP Exam means more than just the successful completion of a course. Most colleges and universities accept successful exam scores for credit, advanced placement, or both. Research consistently shows that students who are successful in AP typically experience greater academic success in college than those who do not participate in AP.

AP Exam scores are a weighted combination of scores on a multiple-choice section and a free-response section. AP Exam scores are reported on a 5-point scale that indicates how qualified the student is to receive college credit and placement for their performance:

- 5 = extremely well qualified
- 4 = well qualified
- 3 = qualified
- 2 = possibly qualified
- 1 = no recommendation

AP Exam scores of 5 are equivalent to grades of A+ and A in the corresponding college course. AP Exam scores of 4 are equivalent to grades of A-, B+ and B in college. AP Exam scores of 3 are equivalent to grades of B-, C+ and C in college.

**Downey High School
currently offers the
following twenty-two AP
courses:**

MATH

Calculus AB
Calculus BC
Statistics

ENGLISH

English Language and Composition
English Literature and Composition

INTERDISCIPLINARY

Seminar
Research

SOCIAL STUDIES

European History
Human Geography
Microeconomics
Psychology
United States Government
United States History

FOREIGN LANGUAGE

French Language and Culture
Spanish Language and Culture
Spanish Literature and Culture

SCIENCE

Biology
Chemistry
Environmental Science
Physics 1: Algebra-Based

VISUAL & PERFORMING ARTS

Drawing
Musical Theory
Studio Art - 2D and 3D

How to join CSF?

CSF membership must be earned one semester at a time. The CSF sign up periods are August (for fall semester) and January (for spring semester).

How to become a Sealbearer?

Students must be a CSF member for four (4) semesters, including at least one (1) semester as a senior. The four semesters need not be consecutive, but must be based on grades earned in Grades 10, 11, and 12. The two “Associate” semesters based on grade 9 grades DO NOT COUNT TOWARD SEALBEARER status.

Fall semester seniors with at least three (3) semesters of membership are considered “Prospective” sealbearers. Those who qualify for a fourth semester during Spring Enrollment are recognized as SEALBEARERS. However, any senior who could qualify for a fourth semester by the end of the year (May) is still considered a “Prospective.” A final Sealbearer Verification Check is circulated to his/her teachers in mid-May, about two weeks before graduation. If a prospective then qualifies, they will be recognized as a Sealbearer during the DHS commencement ceremony.

SPECIAL GRADUATION HONORS FOR SEALBEARERS: All sealbearers wear gold cords and tassels and lead the class onto the field for commencement, and are cited as “graduating with honors” when their names are read. A gold CSF seal is embossed on the diploma as permanent evidence of academic excellence.

CSF is a statewide organization that recognizes and honors students for outstanding scholarship in academic coursework. Downey High is proud to have been an active CSF chapter since 1938. Nationally, colleges and universities have come to recognize CSF membership as an indication of an applicant’s excellent scholarship. Each year, about 5% of California’s graduating seniors are honored as CSF Sealbearers; this is also the highest academic honor awarded at DHS. Earning CSF eligibility is determined by CSF “academic points;” grades of ‘A’ or ‘B’ are the only grades that earn CSF points, even in AP/Honors classes.

CSF academic points are earned as follows:

- A semester grade of ‘A’ = three (3) CSF points
- A semester grade of ‘B’ = one (1) CSF point

With these exceptions:

- A semester grade of ‘A’ or ‘B’ in an Honors/AP class = 1 additional CSF point, up to a maximum of two such points each semester.
- A grade of ‘C’ earns no CSF points, regardless of course title.
- A grade of ‘D’ or ‘F’ in any subject automatically disqualifies membership (even if it is in a class not being used for CSF).
- A 4 or 5 in citizenship in any class automatically disqualifies membership.
- No CSF points are given for PE, for any class repeated to improve a grade, or for courses such as Office Service/Teaching Aide or Lab Assistant.
- Summer school classes do not count towards CSF membership.
- College classes count the same as high school classes (no inflated grade points).

Once ten (10) CSF points have been identified, the following very specific criteria must also be considered:

- Of the minimum ten (10) points, the first FOUR (4) points must come from grades earned in classes on List I.
- Of the minimum ten (10) points, the cumulative first seven (7) points must come from List I and List II. List III courses do not count in the first seven points.
- The remaining three (3) points may come from any list. Note: All ten (10) points may come from List I courses.
- Grades from only five (5) classes may be used to qualify.

DRAMA PROGRAM



Drama

A survey of theatrical production and performance.

Drama Production

Students are involved in a major stage production.

Musical Theatre Performance

Areas of instruction will encompass dance, musical score, and acting. Students are involved in a major stage production.



@downeyhighdrama

MUSIC PROGRAM



The Music program at Downey High School consists of eleven different classes. Marching Band, Color Guard, Wind Ensemble, Advanced Band, Band 1/2, Percussion Ensemble, Jazz Band (1), Jazz Band (2), Jazz Choir, Men's Chorus, and Women's Chorus. Individuals must audition to be a part of any performing group. Most auditions take place prior to the beginning of the school year.

Marching Band and Color Guard

The Downey High School Marching Band and Color guard is one of the largest organizations on campus. This ensemble performs at pep rallies, football games, basketball games, and volleyball games on campus, and performs at various events around the Downey community. During the fall they compete in numerous field show competitions and parades. Students enrolled in Marching Band/Color guard during the fall semester receive PE credit because of the physical demands of the course.



The Beginning/Intermediate Choir

The beginning choir class offers basic instruction on singing and reading music. The students develop techniques in order to learn how to sing properly. They must also prepare for performances. They perform at least once per semester either at a music program's concerts, or at a district festival.

Jazz Band and Jazz Choir

The Jazz groups have a special focus, in addition to the music aspects learned in the concert band. There is an increase in creativity, both as individuals and in small groups. This aspect is exhibited through the improvisational skills taught in these classes, where students enjoy the liberty to express themselves in their own individual way. The Jazz groups perform in the community and elsewhere, in addition to the competitions, festivals, and regular music program concerts. They go annually to the Reno and Folsom Jazz Festivals, and the top groups performed at Carnegie Hall, Lincoln Center, and the Apollo Theater in New York, Hollywood Bowl, and at the Disney Concert Hall. Both Jazz Choir and Jazz Band are finalists at the Next Generation Jazz Festival in Monterey. The Jazz Choir is the winner of the Reno Jazz Festival in 2018, while the top Jazz Band is the winner of the Monterey and Boston competitions in 2019, along with the Downbeat national magazine best jazz ensemble category in both 2018 and 2019. All groups have won many awards in the 20 years of Mr. Olariu's tenure here at Downey High.



@downeyhscolorguard

@downeyhighmarchingband

@dhsjazz

SKILLS USA

SkillsUSA is a United States career and technical student organization that Downey High School students belong to. It serves more than 320,000 high school and college students and professional members enrolled in the Career Technical Education programs in technical, skilled and leadership occupations.

SkillsUSA is a partnership of students, teachers and industry working together at Downey High school to ensure that our students are career and college ready.

SkillsUSA mission is to empower its members to become world-class workers, leaders and responsible American citizens.

There are 100 categories students can enter to compete in SkillsUSA competitions. At Downey High School we entered in the following categories:

- Action Skills
- Additive Manufacturing
- Advertising Design
- Architectural Drafting
- Automotive Service Technology
- Aviation Maintenance Technology
- CNC Milling Specialist
- CNC Turning Specialist
- CPS - Health Services Cluster
- CPS - Human Services Cluster
- Criminal Justice
- Customer Service
- Digital Cinema Production
- Employment Application Process
- Graphic Imaging - Sublimation
- Health Knowledge Bowl
- Interactive Application and Video Game Development
- Introductory Drafting
- Job Skill Demonstration A
- Principles of Engineering/Technology
- Quiz Bowl
- Screen Printing Technology
- Television (Video) Production
- Welding Sculpture
- CPS - Business, Management and Technology Cluster



CAREER TECHNICAL EDUCATION



Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners.

DOWNEY HIGH SCHOOL CTE PROGRAMS:

- Auto Technology
- BioMed
- Business Information
- Dance
- Digital Photo
- Digital Image
- Engineering
- Food Science, Dietetics & Nutrition
- Foundations of Law
- Graphic Design
- Multi Video Production
- Principals in Education
- Retail Marketing
- Sports Med
- Video Game Programming



Students who participate in MADE career pathways have the opportunity to enroll in classes that will teach them valuable job skills in a wide variety of industry sectors. When they learn about a topic, they are not just learning the basic skills needed for creating a product; they get to experience the entire process and learn about every aspect of what goes into the business of that product. Even if they start with no knowledge or experience, MADE students will be prepared to step directly out of the classroom and into internships and jobs with a deep understanding of their profession and how to advance and be successful in it. Every pathway has courses available for students of every grade level, and many include capstone projects for juniors or seniors to showcase their growth over the course of their education.

***Classes with asterisk* sign Articulate with college credit at either
Cerritos Community college or Rio Hondo College.**

AUTOMOTIVE



AUTOMOTIVE TECHNOLOGY

Auto Technology prepares students to work with and around vehicles, in order to prepare them for work in the Automotive Industry or as a life skill. Students will identify basic automotive systems, components, and tools. Shop equipment use, safety, and shop operations will be taught as well. The focus of the class will be on general vehicle information, automotive engines and preventive maintenance, but will also introduce the drivetrain, suspension, steering, brakes, and simple electrical systems as well. Safety leads the processes our shop, with professional conduct being enforced to develop students in effective workers in the future.



AUTOMOTIVE ENGINEERING

Automotive Engineering follows the Automotive Technology class, and relies on it as a foundation. This class adds Heating, Ventilation and Air Conditioning as well as more advanced electrical systems theory. The work in this class build on previous information for use in more project based efforts, which leads toward solving diagnostic problems in vehicles. An understanding of automotive structure and function will be delivered to show how basic automotive knowledge may be used in many different ways. Professionalism projects will be fielded to help students understand career choices and goals, and the "soft skills" that help them find work and pursue goals.

BIOMEDICAL SCIENCE PATHWAY

DOWNNEY BIO^MED

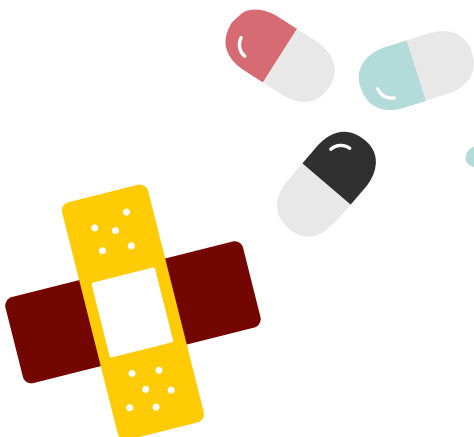


PRINCIPLES OF BIOMEDICAL SCIENCE

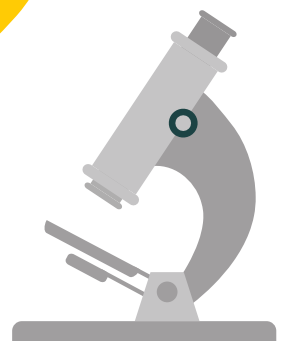
- Introductory Course
- Students will explore through curriculum and labs many concepts of biology and medicine such as:
 - Human Physiology
 - Basic Biology
 - Medicine and Research Processes
 - Experimental Design
 - CSI investigation
 - Autopsy Reports
 - Medical History
 - Medical Treatments
 - Careers in Biomedical Sciences



PLTW BIOMEDICAL SCIENCE



MR. HWANG
johwang@dusd.net
MS. SANTA CRUZ
jsantacruz@dusd.net



BUSINESS INFORMATION SYSTEMS

Welcome to the future

BUSINESS INFORMATION SYSTEMS DEPARTMENT

Begin your future today!



Register for a business class and become 21st century ready!

- Learn how to run your own business.
- Understand how to manage your finances.
- Get certified in Microsoft Office.
- Be able to create your own video games.
- Learn about software engineering.
- Understand today's Real Estate market .
- Get college credit through Junior College articulation & I.T. Certifications.



Pathway to Success: Recommended Course Outline

9th Grade

- Small Business Concepts
- Graphics & Animation
- Computer Applications 1*
- Computer Applications 2*

10th - 12th Grade

- Personal Finance*
- Real Estate Principles*
- I.T. Certification (Apps 1&2)
- International Business
- Graphics and Animation
- Intro to Computer Science



MRS. PATTERSON
LPATTERSON@DUSD.NET

CTE DANCER QUOTES:

"Most of my best memories of high school start in the dance room. I have met so many friends that I will keep forever in this program. Plus, this program has taught me so many life lessons, as well as, pushed me to be the best dancer I could be"
- Lauryn Rodriguez

"In Dance 1 I really got a chance to break out of my shell and gain more confidence. It was really worth taking!"

- Maddie Zapata



CLASSES OFFERED:

Dance 1: This course is a beginning level class for students who have little to no formal dance training. In this class students will be building a foundation of dance technique in the areas of Ballet, Jazz, Modern, and Hip-Hop. No evaluation or audition is required to be enrolled in this course of study.

Dance 2: Students who are enrolled in this class need to be at a proficient level with at least one or more years of formal dance training. Enrollment in this course requires a teacher evaluation for proper placement and serves as the bridge between Dance 1 and Dance Ensemble.

Dance Ensemble: This course targets the highly motivated and skilled dance student who wants to be apart of our competitive dance team. Students are asked to have a working knowledge and general breadth of familiarity in all of the following disciplines: Ballet, Jazz, Modern and Hip-Hop. Enrollments in this course will be determined after a week long audition process. Auditions are held mid to late May each year.

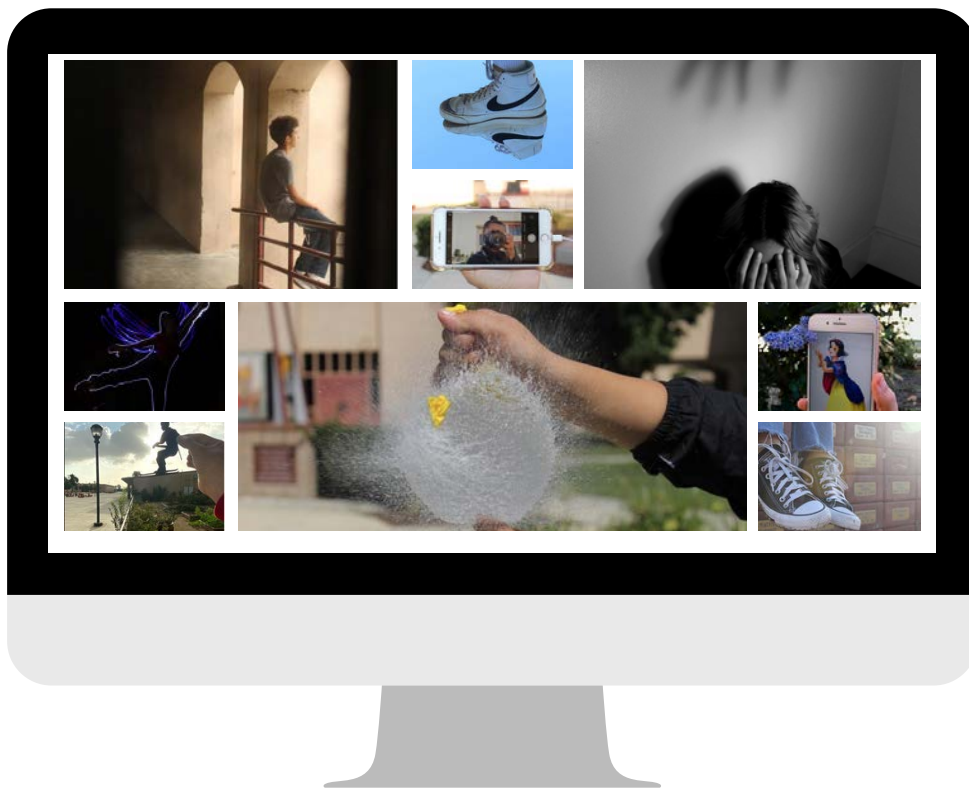
**PLEASE JOIN US FOR OUR
2022 DANCE REVIEW
DOWNEY CIVIC THEATRE
MAY 4TH AND 5TH
3:30 PM AND 7:00 PM**



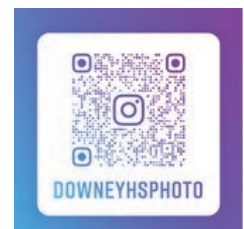
DIGITAL PHOTO



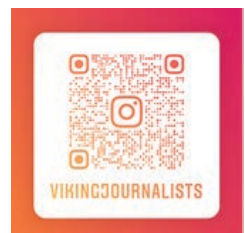
Digital photography courses teach students to produce high-quality photographs for aesthetic or commercial purposes. They will learn to capture digital images as well as how to do post-capture editing and sharing. Students will learn and apply elements of art and principles of design.



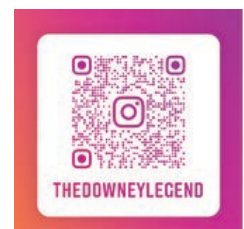
**CTE classes
available:
Photo 1,
Photo 2 ***



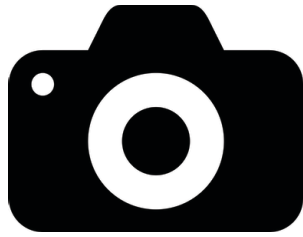
Photojournalism: Students learn how to capture the proper exposures using DSLR cameras and utilize InDesign to prepare their work for publishing on social media, personal websites, and a print magazine. Sign up for the class with your counselor (it is listed under interdisciplinary courses) and follow us on Instagram @vikingjournalists



The Downey Legend Online Newspaper: This class is student run with student editors in chief and an editorial board. Positions include writers, photographers, videographers, podcasters, comic artists, and a business/social media team. Students cover highlights of the Downey High School community and the community at large, while also working on national news, editorials, and entertainment coverage. For this advanced class, students must submit an application, work samples, and teacher letter of recommendation. Check the site for more information: thedowneylegend.com or email mnapoli@dusd.net with any questions. Follow us on Instagram @thedowneylegend



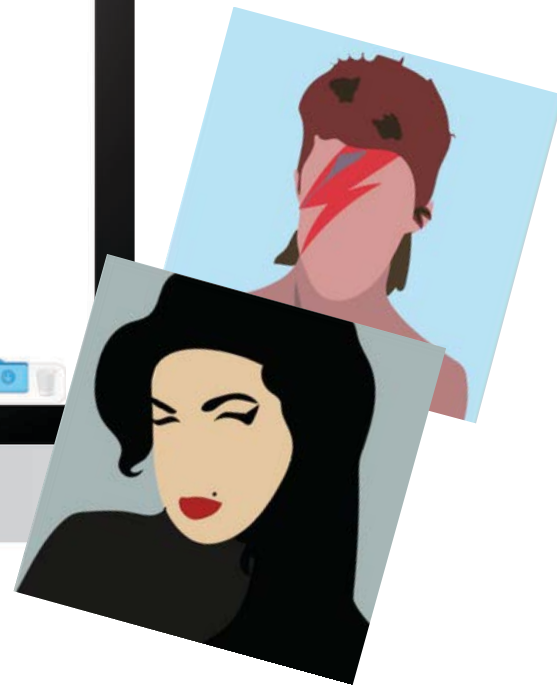
DIGITAL IMAGING



DIGITAL IMAGING

"Digital Imaging is an introductory course that teaches students a broad set of skills in Adobe Photoshop and Illustrator while maintaining a fine arts approach and focus. This class is similar to a traditional art class, except the tools are different. Instead of canvas and paint, we use computers, software programs and printers.

In Digital Imaging, students will use state-of-the-art digital imaging software and concepts to create projects which integrate art, graphic design, photo manipulation and illustration. In addition, students will learn the importance and application of creative expression and design techniques."



ENGINEERING

INTRODUCTION
TO DESIGN

PRINCIPLES
OF ENGINEERING

AEROSPACE
ENGINEERING

ENGINEERING
RESEARCH &
DESIGN

PROJECT LEAD THE WAY



ENGINEERING

IED -Introduction to Design

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th or 10th grade students. The major focus of the ID course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

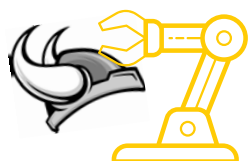
POE -Principles of Engineering

This survey course of engineering exposes students to some of the major concepts they'll encounter in a post secondary engineering course of study. Students have an opportunity to investigate engineering and high- tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community.

ERD -Engineering Research & Design

Tier 2 - Specialization Courses

The major focus of this course is to expose students to the world of aeronautics, flight and engineering through the fields of aeronautics, aerospace engineering and related areas of study. Lessons engage students in engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Students work in teams utilizing hands-on activities, projects and problems and are exposed to various situations faced by aerospace engineers. In addition, students use 3D design software to help design solutions to proposed problems. Students design intelligent vehicles to learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community. This course is designed for 11th or 12th grade students.



AE -Aerospace Engineering

Tier 3 - Capstone Course

This capstone course allows students to design a solution to a technical problem of their choosing. They have the chance to eliminate one of the "Don't you hate it when ... " statements of the world. This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The ERD course allows students to apply all the skills and knowledge learned in previous Project Lead The Way courses. The use of 3D design software helps students design solutions to the problem their team has chosen. This course also engages students in time management and teamwork skills, a valuable set for students in the future. This course is designed for 12th grade students.

FINANCIAL SERVICES



This course is designed for students who desire to complete a course of study in financial services to gain skills and knowledge and obtain entry-level finance positions in small and medium size businesses. Students will be prepared to be successful in the dynamic, creative, and fast paced field of marketing. Students will develop their critical thinking skills while making decisions on values, wants and needs. Students will review, money management systems such as banking and reconciliation. Students will have the opportunity to experience and plan spending, buying decisions, and the management of credit. Students will have the opportunity to utilize a hands-on approach to analyze of personal decisions.



FOOD SCIENCE

Food Science, Dietetics & Nutrition



The Food Science, Dietetics, and Nutrition courses prepare students for employment in occupations in the related industries. These occupations include food scientists, dietitians, nutritionists and entrepreneurs in the meal planning/food prep business. In this class, students will receive instruction about foods and food groups, nutrition and activity needs through the life cycle, current nutrition and food guidelines, and will develop a strong understanding of the role diet, nutrients, and exercise play in the overall health of all individuals. Students will also learn the science behind foods and food prep and perform weekly hands-on applications by preparing various recipes in our classroom cooking lab.



FOUNDATIONS OF LAW

Foundations of Law

Foundations in Law is an introductory course for students curious about career options in the various fields of law. The class is designed to help students understand why we live under the rule of law, and how laws are created, enforced, interpreted, and changed. Foundations in Law enables students to examine diverse areas of law including criminal, civil, constitutional, and international. It also explores civil rights issues and the role of advocacy, civics, and the media in our legal system. As part of the course curriculum, students will participate in class discussions, complete individual and group projects, prepare and complete a mock criminal investigation, as well as research careers related to the study of law.

Units of Study Include:

- Human Nature, Rules & Power
- The Legal System in Action
- Criminal Law & the Pursuit of Justice
- Lawsuits & Liability
- Equal Justice Under the Law
- International Law & Human Rights

Related Courses & Activities:

- CTE Law Enforcement
- Teen Court
- Summer SHADES Training
- Law Day - Downey Municipal Court
- Mock Trial
- Speech & Debate
- Junior State of America

Meet Professionals:

- Law Enforcement
- FBI
- Civil & Criminal Lawyers
- Judges



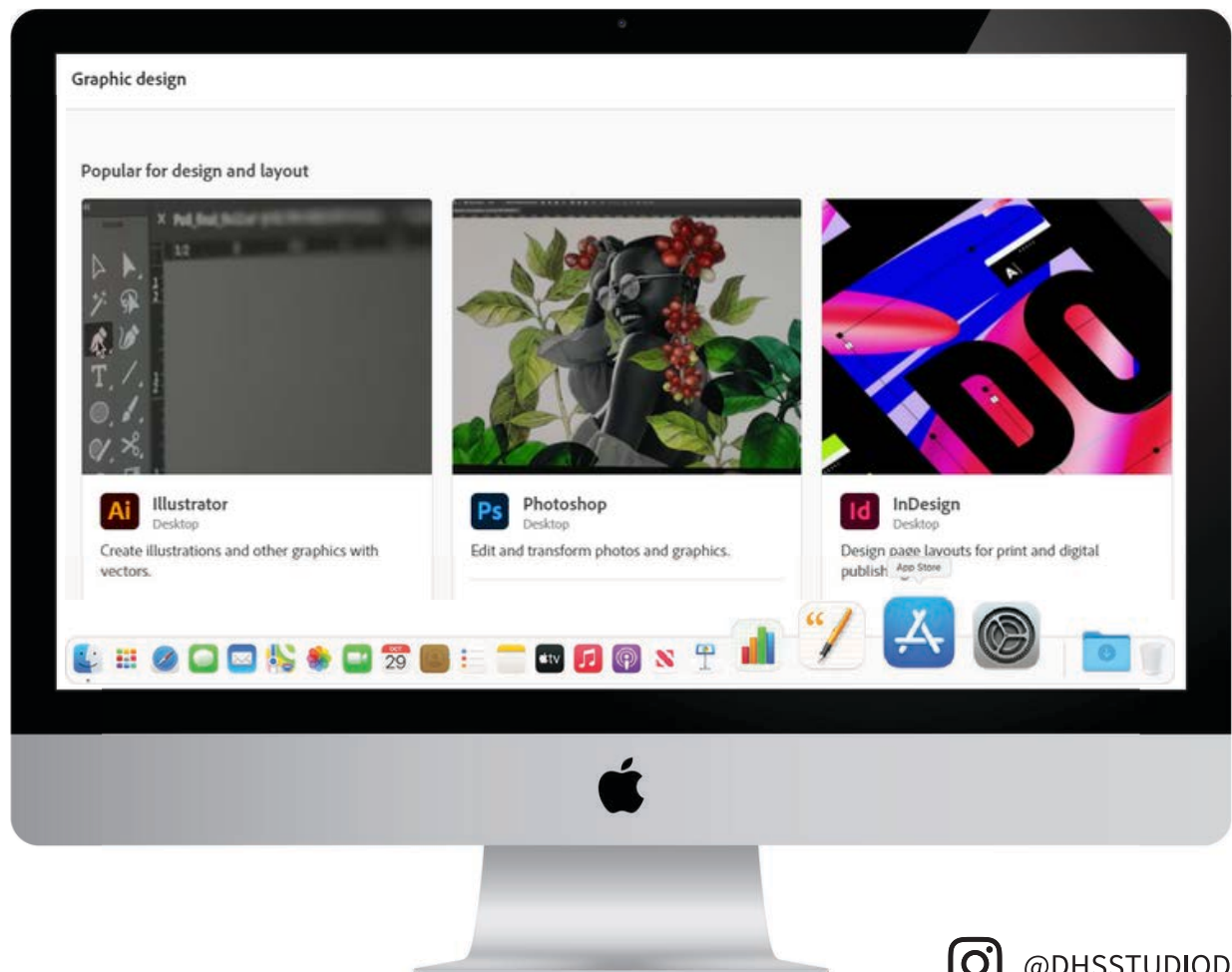
GRAPHIC DESIGN



Participants can choose from the following capsule courses:

- Typography
- Digital Painting
- Technical Illustration
- Branding

In Graphic Design class, high school students learn the principles of great design and typography from a design industry professional while using professional-grade Adobe design software to create digital drawings, logos, advertisements, magazine layouts, and more. Students learn how to maintain websites, edit and process photos and images, craft multi-dimensional images, use popular software, develop designs and draw. They also learn about electronic production, animation, color theory, video, file management, layout and programming.



MULTIMEDIA VIDEO PRODUCTION



MULTIMEDIA VIDEO P R O D U C T I O N

Multimedia Video Production is a hands-on, project-based course where students learn how to plan, shoot, and edit a visual story using professional video editing software such as Final Cut Pro and Premiere Pro. Students will explore topics such as non-linear editing, aesthetic aspects of camera work, the production process, and digital video camera use while working on various projects both individually and as part of a group. In the second year Capstone course students will dive deeper into topics such as scriptwriting, cinematography, producing, and directing.

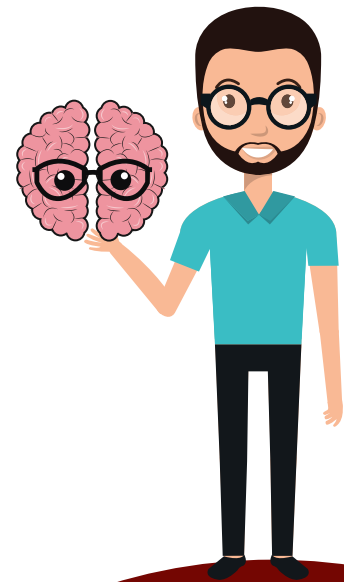


PRINCIPLES IN EDUCATION



Program Articulates with Cerritos College Teacher TRAC and Cal States

Hands on experience at our local elementary and middle schools



PRINCIPLES IN EDUCATION

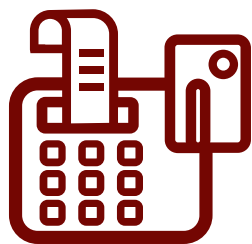
- Two period class 1/2 or 5/6 period
- Offer scholarships
- Year long
- Hands on work experience
- Service Hours
- Presidential Service Award

CAREERS IN EDUCATION

- One period class 3rd period
- Offer scholarships
- Year long
- Introductory Level
- College Entry Level Course
- Career Opportunities in the field teaching and other site educational professions

MRS.VADGAMA
FVADGAMA@DUSD.NET

RETAIL MARKETING



RETAIL MARKETING



This high school cooperative Career Education Program, Retail Marketing - D, offers Students with Special Academic needs, the necessary skills for entry-level work in merchandising and retail sales occupations. Helping student-learners gain the knowledge, skills and attitudes necessary to become useful, productive workers, at school and in the community at work.

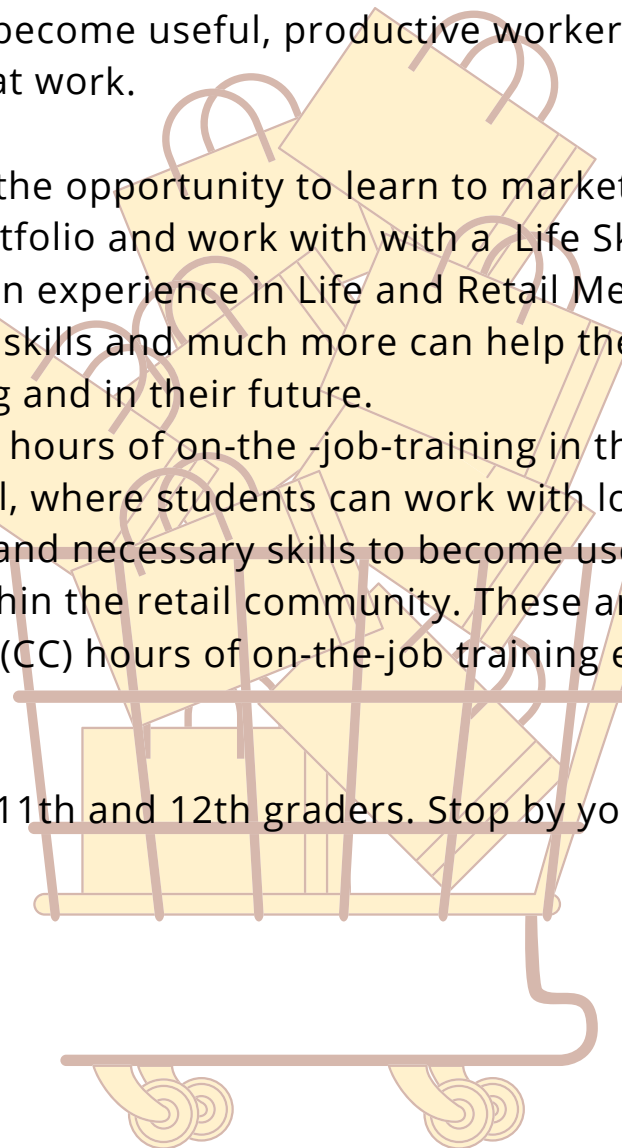
Each student will have the opportunity to learn to market themselves through a Personal Portfolio and work with with a Life Skills Book, which Includes hands on experience in Life and Retail Merchandising Skills. All these applied skills and much more can help them as they travel on with schooling and in their future.

This course also offers hours of on-the -job-training in the local community after school, where students can work with local businesses to gain the knowledge and necessary skills to become useful and productive workers within the retail community. These are unpaid Community Classroom (CC) hours of on-the-job training entry level positions.

This class is offered to 11th and 12th graders. Stop by your counselors office to enroll.

MRS. STOREY

DSTOREY@DUSD.NET



SPORTS MEDICINE



Students will learn skills as they relate to the field of sports medicine, with an emphasis in prevention, care, and rehabilitation of athletic injuries. Students will be exposed to the historical and organizational perspective of sports medicine, detailed anatomical and biomechanical study of each major body region, physiological response of tissue, specific medical conditions and injuries, scientific principals of injury prevention, assessment, rehabilitation, exercise physiology and human performance. Students will obtain background knowledge in basic anatomy and physiology, medical terminology, ethical and legal issues as they relate to the field of sports medicine, and sport psychological theories. Students will receive training and optional certification in First Aid and Cardiopulmonary Resuscitation (CPR) as well as use of Automated External Defibrillators (AED). In addition, students will gain knowledge about different medical careers as they pertain to the field of Kinesiology.

- *Hands on experience*
- *Work with DHS*
- *Learn CPR/First Aid*
- *Help with disaster drill*
- *Compete in*
 - *AACI High School Sports Medicine Competition*
 - *Skills USA*

Awards and Accomplishments

Top 10 AACI High School Sports Medicine Competition

Represented State of California at SkillsUSA

2012 - 2016 (National Gold Winners 2015)

Numerous alumni working in the Sports Medicine and Medical profession



Qualifications Needed

Jr's and Sr's

Background in sciences

- Biology
- Human Body Systems
- Principals of Biomed

 @dhssportsmedicine

VIDEO GAME PROGRAMMING

VIDEO GAME PROGRAMMING

Create, learn, and discover your passion for video games. Game Programming 1 teaches you how to make games using C# and Unity. By the end of year 1, you will have created multiple games 2D and a platformer of your very own creation.



Viking Esports is a new program for competitive gamers. If you want to become a better gamer while becoming a better person this program is for you. Contact Mr. Beaver for more information gbeaver@dusd.net



DHS WRITING CENTER

OPEN TO ALL DHS STUDENTS
IN-PERSON AND ONLINE TUTORING AVAILABLE!

What is the Writing Center?

The Writing Center is a low-pressure space where writers of all levels engage in one-on-one conversations about their writing. Our tutors can help with any part of the writing process for any class.



Who works there?

Our tutors are friendly juniors, seniors, and college students that love writing and are excited about helping students of all levels become stronger, more confident writers.



What do I bring?

Bring your laptop or Chromebook and have your teacher's directions and any writing you have done. If you don't have a draft, we can help you get started! Be sure to bring your assignment and any important sources with you.

How do I sign up?

Visit Downey.MyWCOOnline.com for more information on how to sign up for in-person and live online tutorials.

DHSWritingCenter.weebly.com



@TheWritingCntr



@dhswritingcenter

IN-PERSON TUTORIALS IN A-100

Monday, Tuesday, Thursday, Friday 7:00-7:30 a.m.
and 3:00-4:00 p.m. Live

Online Tutorials via
Downey.MyWCOOnline.com

Tuesdays and Thursdays 4:00-5:00 p.m.





SCHOOLWIDE LEARNER OUTCOMES

V

*ocational
Development*

STUDENTS WILL
GRADUATE COLLEGE AND
CAREER READY

I

*nvolved
Citizens*

STUDENTS WILL WORK
TOGETHER TO IMPROVE THE
QUALITY OF LIFE IN OUR
SCHOOL & COMMUNITY

K

nowledge

STUDENTS WILL BECOME
CRITICAL THINKERS AND
LIFELONG LEARNERS

E

*motional
Well-being*

STUDENTS WILL LEARN
HOW TO MAINTAIN
STRONG EMOTIONAL,
PHYSICAL, AND MENTAL
HEALTH

Virtuous

BECOME A CITIZEN OF
STRONG MORAL CHARACTER

*Leave everyone and everything
better than you found it.*

Inclusive

EVERYONE IS WELCOME,
EVERYONE IS EQUAL

Kindness goes a long way.

Brave

DO WHAT IS RIGHT, NOT WHAT
IS POPULAR

See something? Say something!

Empathetic

FIND YOURSELF IN OTHERS

*Empathy is seeing with the eyes
of another, listening with the
ears of another, and feeling with
the heart of another.*



DO YOU HAVE THE VIKE VIBE?

*The Downey High School community is committed to developing
empathetic citizens of strong character in a safe, positive, and
inclusive environment where behavioral, social, and academic
success are equally important.*

HOW DO YOU SHOW OFF YOUR VIKE VIBE? TAG US ON INSTAGRAM @DOWNEYVIKES

