

Electives



2018-2019

Beginning Drama

- Students will participate in an engaging and active introductory course in theater.
- Frequent performances!
- Theater Games!
- Meets the F Requirement.



Technical Theater

- Tech Theater is an A/B class that offers students hands-on training in power tools and woodworking, costume construction and design, and lighting design.

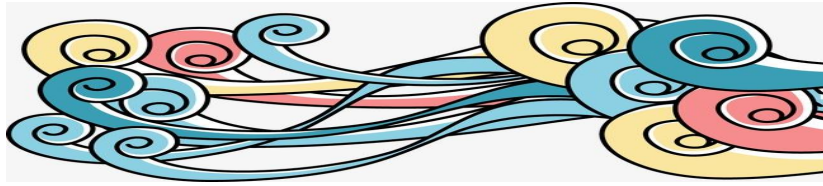


Theater for Young Audiences

- This elective gives students the chance to write their own children's theater pieces. These student-written plays will be performed at area elementary schools.
- We'll read, watch, study, and perform in a variety of plays written for young audiences

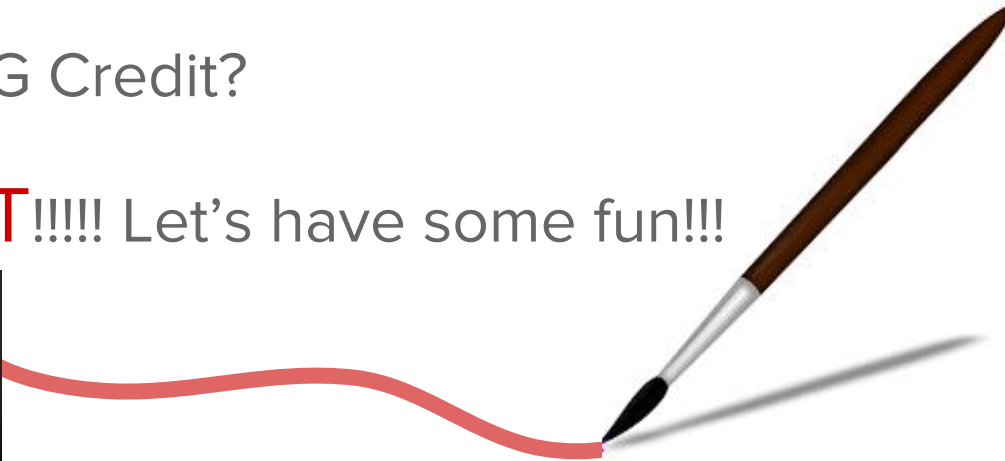


Art 1-2



- Want learn what art is about?
- Want to learn artistic skills, how to be creative, learn to design?
- Want A-G Credit?

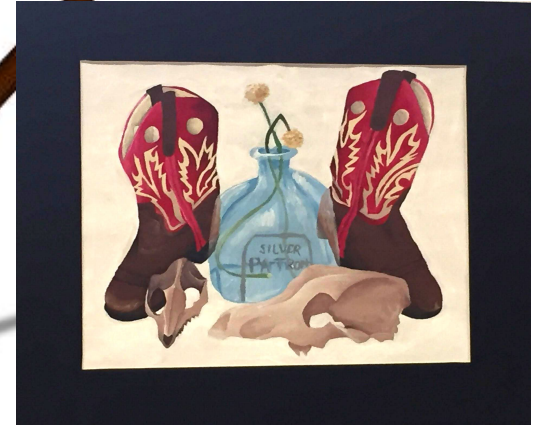
Then.....**ART**!!!!!! Let's have some fun!!!



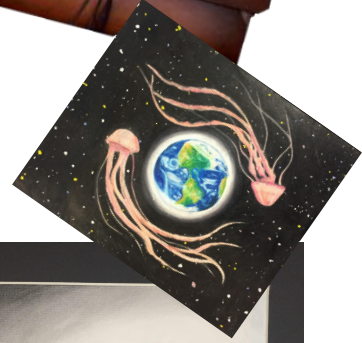
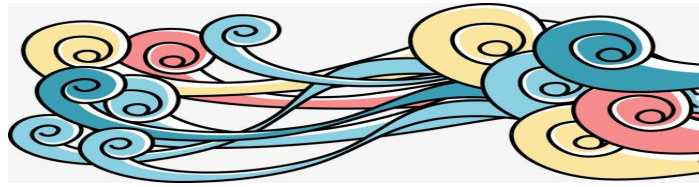
Advanced Art

- Want to learn different medias?
- Want to expand your skill?
- Want to build your portfolio?
- Want A-G Credit?

Then.....even **Adv ART** has more fun!!!!

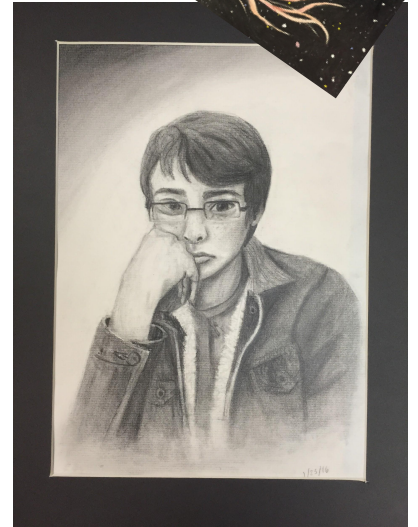


AP Art



- Want to explore what art is to you?
- Want to expand your skill, become a pro?
- Want to create a portfolio to show to art colleges?
- Want College Credit?

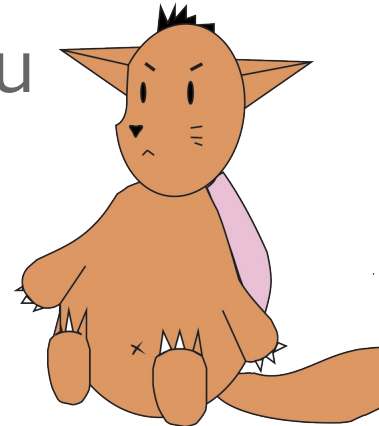
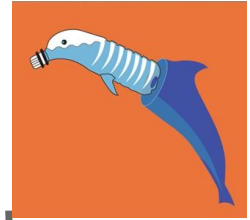
Then.....even **AP ART** has more fun!!!!



Digital Art 1-2

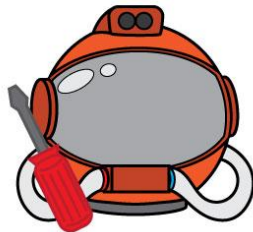
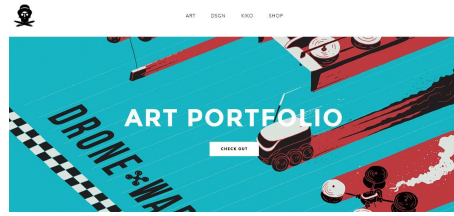


- Students will learn industry standard art programs, creative skills and design with exciting curriculum!
- Learn, have fun and be able to do more!!!
- A-G credit, and if you earn an A or B you also get college credit!!!



Advanced Digital Art

- Students will expand on their understanding of industry standard art programs, such as Photoshop, Illustrator and InDesign.
- Continue their creation of their portfolio.
- Learn, have fun and be able to do more!!!
- A-G credit



Languages Other Than English (LOTE)



- You need **2 semesters** of the same language for graduation and to meet A-G requirements (meets E requirement).
- Choose Spanish, French or ASL (American Sign Language).
- **Do you already speak Spanish?** To test into a higher level Spanish class come take the **placement test** in your **Helix First Class during Tuesday TUTORIAL anytime in February.** If you do not take it, you may be placed in the wrong class!



To take the French or ASL placement test see Mrs. Dolphin in room 140A during lunch to set up a test time!

Psychology 120 (AKA AP Psychology)

- Learn about WHY people say and act the way they do in a fun and interactive environment!
- Topics include memory, disorders, drugs, stress, prejudice, jealousy, sleep, dreams, anxiety, gender differences, depression
- College level course that fulfills the “G” requirement



Psychology 1/2C

- Learn about WHY people say and act the way they do in a fun and interactive environment!
- Topics include memory, disorders, drugs, stress, prejudice, jealousy, sleep, dreams, anxiety, gender differences, depression
- Be in the Psych Fair!
- Fulfills “G” requirement



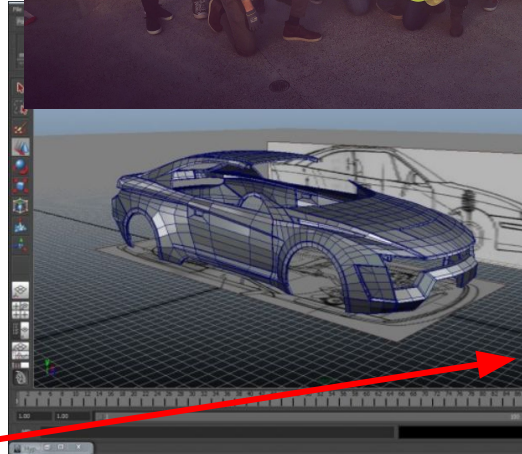
Journalism

- Write about school, national, and world events!
- Get published on [The Highland Fling](#) website, hear from experts in the field, and start building your writer's resume.



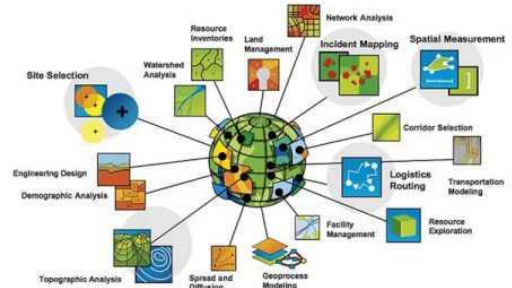
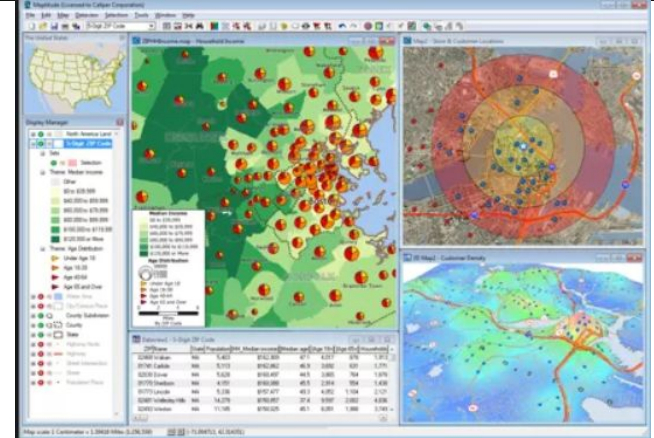
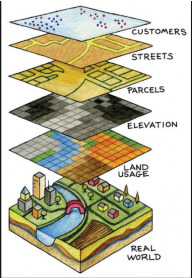
CAD 1/2: Intro to Architecture and Engineering

- Hands on projects
- Real-World/Industry software knowledge
- Fun, laid back class:
 - Visits to the EDGE Lab
 - Field Trips
 - Design your own dream house, cars, 3D printing
 - Hands on building projects
 - **NO MULT CHOICE TESTS**, all software and hands on projects, **NO HOMEWORK**
- A-G credit? THIS GIVES YOU “G”
CREDIT: GREAT FOR SENIOR
PROJECTS! (click video to the right)



GIS 1/2: Geographic Information Systems (Science)

- Do you wonder about the environment?
 - Do you want to solve real-world problems?
 - Thinking of the military?
 - Love Environmental Science, Geography, Oceanography, Business and/or Computer Science? (Python Programming)
 - This class covers one of the most prevalent jobs around the world next to Nanotechnology.
 - You will be mapping the understanding statistics all at the same time.
- Real-world job specific training. Gain a skill you can use in everything from detective work, 911/Fire to City Planner and even the military operations. NO HOMEWORK
- A-G credit? Gives you “G” Credit---GREAT for SENIOR PROJECTS!! Click video to the right



Helix Choir

- Be part of our award winning Vocal Music Department...no experience required for Concert Choir. Advanced Auditions held each May.
- Learn stage presence, vocal technique and musicianship skills
- Earn Performing Arts credit
- [Click here to watch Choir performing at Disney!](#)



Dance (beginning, intermediate or company)

- All dances are A/B courses and you have the opportunity to participate in multiple performances throughout the school year.
- Be creative, work in a team environment, learn various genres of dance, and perform!!
- Meets the F requirement AND you can get PE credit

www.helixdancers.weebly.com

Take Dance!
Fulfill your F Requirement*Performance Opportunities*Fitness and Health

save the date **PLACEMENT AUDITIONS**
2018/2019 School Year

Levels:
Beginning
Intermediate
Advanced

Audition required for
Intermediate & Advanced
Dance Classes

Saturday, May 5th
10am (10th-12th Grade Students)
12pm (Incoming 9th Grade Students)

Location:
Helix Dance Room (915)

Mandatory Choreography Workshops
Tuesday, May 1 4pm-6pm
Wednesday, May 2 4pm-6pm
Thursday, May 3 4pm-6pm

Contact Mrs. Pipes with Questions pipes@helixcharter.net



Here what current dance students have to say about the dance program. Click below:



Sewing!

- Did you always want to learn how to make your own clothes??? This is the course for you.
- Start with a tote bag, pajama bottoms and then make whatever you want!
- Small, fun & social!



Child Development

What could be more important (or fun!) than learning how to take care of children?

Want to be a teacher? Work with children? This is the class!

Have fun taking care of toddlers during our 3 week

on-site preschool - *SCOTTIE TOTS*

3 units of college credit

AND G elective credit!



Foods! And Gourmet Foods!

- Learning the basics of cooking from eggs to pasta to cookies.
- Fun! Social! Yummy!

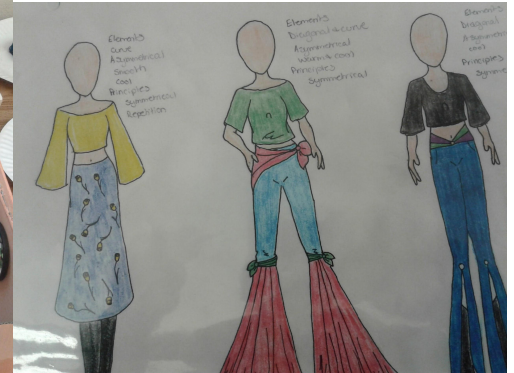
Gourmet: 2nd year of Foods

More in depth - for those interested in a career in culinary arts.



Fashion and Interior Design

- Project based class that includes both fashion and interiors.
- Get a head start on your career in design - principles and elements of design, color, furnishings, design a fashion line and much more!
- Meets the F requirement!
- Fun!
- Social!



Film Production

- Students learn the basics of script and storyboard writing, camera use, editing, lighting, camera shots, and special effects.
- Project based class where students create short films, music videos, commercials, and much more
- Meets the F requirement and receives college credit!



Video Game Design

- Learn to design and program video games
 - 2D and 3D games from different genres
 - Analyze gameplay elements
 - Create Artificial Intelligence
- Jobs in this industry are in high demand
- Meets the G requirement



AP Computer Science Principles

- Creative exploration of real-world problems using online tools
- Learn different applications, the effects of computing on society, the usage of big data and how software is designed and analyzed!
- No previous CS experience needed!
- Earn “G” credit



AP Computer Science A

- Students learn to read and write code!
- Jobs in computer science are in extremely high demand. Students even have high paying jobs before graduating from college.
- Earns G credit

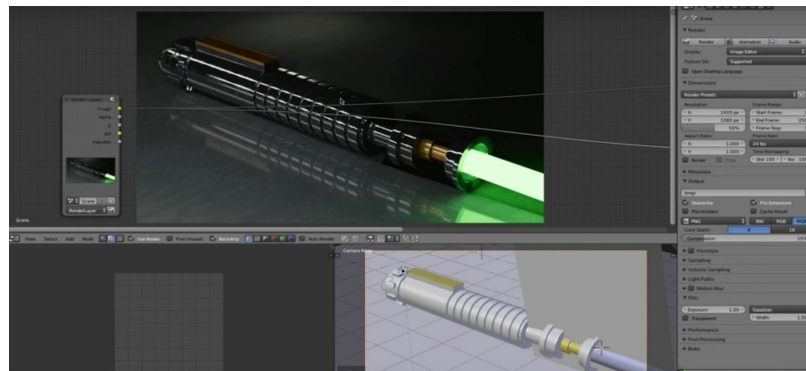
```
showDialogInfo(timeout);
Load.setPages(URL, parsingTimeout);
Load.setTimeout(timeout);
List<Load> threads = new ArrayList<>();
for (int i = 0; i < usersCount; i++) {
    threads.add(new Load(this.URL));
}
logger.info(s: usersCount + " threads are created");
for (Load thread : threads) {
    thread.start();
}
logger.info(s: "All threads are started");
progressInfo(timeout);
System.out.print(".....DONE\nProcessing with data...\n");
private void executeAvailability()
```



3D Animation

Animation

Designed for animation, Blender is being used for award-winning shorts and feature films.



Rendering

Create jaw-dropping renders thanks to Cycles, high-end production path tracer.

Modeling

Sculpting, retopology, modeling, curves. Blender's modeling toolset is extensive.



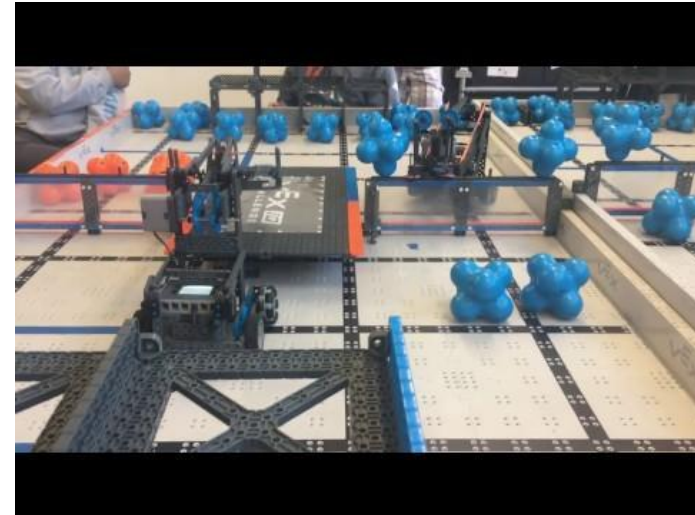
Peer Tutoring for Super Scotties

- As a peer tutor in this program, you will be mentoring and working 1-1 with students diagnosed with severe intellectual and/or physical disabilities aka The Super Scotties. Becoming a peer tutor with the Super Scotties will be one of the most rewarding experiences you will have in high school. Not only is it emotionally fulfilling to make a direct and measurable impact on the lives of the Super Scotties, it is a life-changing experience that builds patience, kindness and humility. After becoming part of our Super Scottie family, you will start seeing the world in a different way.
- Peer tutoring offers students an opportunity to earn community service hours during the school day. Just one semester of peer tutoring will fulfill your community service requirement.
- While this class does not meet A-G requirements, it is an extremely impressive addition to college applications. Many peer tutors have been offered scholarships based solely on this aspect of their application.

Robotics Engineering Technology

- Earn Carnegie Mellon Programming Certification through Robot Virtual Worlds
 - Nice addition to your Resume
- Hands on learning every single day!
 - completion of badges in a virtual world
 - programming your physical robot
 - designing & building your robot with your team to compete in class tournaments & challenges
 - Learning how to manage deadlines - project completion - & work with different personalities - **real world skills**
- Meets the G Requirement

Class Competition



SINGLE SURVIVAL

- Junior/ Senior class
- How to live on your own - getting a job, having a budget, credit, banking, buying a car, planning a trip...
- Learn basics of cooking and nutrition (and you get to eat!).

Beginning Sports Medicine

- You will gain an understanding of basic health concepts seen in many medical careers!
- You will learn anatomy, first aid, structure/function of human body, injury recognition, treatment, emergency care...as so much more!
- Meets the G requirement!



Advanced Sports Medicine

- You will gain a deeper understanding of health concepts seen in many medical careers
- Knowledge gained from Beginning Sports Med will be applied- more of a hands on course! 10 hours of working in the training room/helping at sport events...you will work directly with our own athletes!
- Meets your G requirement!



Earth Science: Natural Disasters

Want to learn about volcanoes, earthquakes, tsunamis, floods, tornadoes, and other surface changes? **Then this is the place for you!**

- Students will be able to learn about the processes of the Earth through the lens of naturally occurring disasters.
- How do these processes change our environment? Can we adapt? Find out when you come to class.





Business Career Path



If you are considering a career in business, finance, marketing, accounting, etc., you might consider pursuing the business career path. Click [HERE](#) for more details



***10th grade year:** This is the standard **World History 1C** course, with the added examination of the economics of various time periods and historical events. World History 1C is A-G and meets the world history graduation requirement.



***11th grade year: Marketing** is a hands-on project-based class that examines the basics of marketing. This is not an A-G elective course.



12th Grade Year: Empowering Entrepreneurs is a series of 4 courses. 3 of the courses earn college credit when successfully completed.

- **Business English:** A-G, satisfies graduation requirement, articulated to earn college credits with a grade of A or B.
- **Elementary Accounting (Business 109)** is a college course. College credit is earned with a passing grade.
- **Empowering Entrepreneurs** is an articulated course that earns college credit with a grade of A or B.
- **Economics 1C** is an A-G course and satisfies the economics graduation requirement.



*The World History 1C course and the Marketing course are **NOT** required in order to enroll in the Empowering Entrepreneurs Course as a senior. Our goal is to offer a richer learning experience for interested students.

Helix First Mentor

- Senior students will have the opportunity to work closely with a Helix First teacher.
- *Students will teach, coach, and facilitate discussions.*
- This course is perfect for **students interested** in pursuing fields in **education, psychology, or communications**.
- ***Requirements:*** 3.0 or higher GPA, involved in extracurricular activities (club, sport, performing arts, ASPIRE), plan on attending a junior college, technical college, four-year university, or joining the military after completing high school.
- **Applications** are available at bit.do/helixmentorapp. Mentors have the opportunity to earn 100 community service hours!

Title of Course

- What's in it for the student?
- What is the course about?
- A-G Credit?

Feel free to add pictures, images, or videos!

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