Welcome to Skyline High School
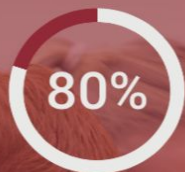
Home of the Falcons

Academic Programs Open House

November 14, 2023

Skyline….. "It's where everyone is accepted for who they are as humans because within Skyline we are simply all Falcons, and as Falcons we share in each other's challenges as much as we share in each other's triumphs. And we are able to be part of this open and accepting community where everyone has a voice, and differences are celebrated rather than looked down upon because we are a community of those who truly care about one another."

Sophie Kruse, Skyline Class of 2021 (graduation speech)

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Who We Are At Skyline

Student Achievement

- 225 students took 921 Front Range Community College courses in 2022-2023.
- On College Board AP exams, Skyline students increased qualifying scores by 8%.
- Skyline High School students have received state and national recognition, including Amazon Future Engineering Scholarship, Boettcher Scholarships, Daniels Fund Scholarships, and National Merit Scholarship semi-finalists.

80%
OF SKYLINE HIGH SCHOOL STUDENTS ATTEND A 2 OR 4 YEAR UNIVERSITY

*Skyline High School Alumni have graduated from:

- Harvard University
- Lehigh University
- Princeton University
- Tulane University
- University of Pennsylvania
- Colorado School of Mines
- University of Colorado - Boulder
- Loyola Marymount
- Pepperdine
- George Washington University

Skyline High School educates students in a safe and empowering environment. **Our** *mission is to challenge students to achieve the highest levels of academic success so they may thrive in an increasingly diverse and complex world. Skyline was named as a 2021 Best High School by the US News and World Report.** We have a strong emphasis on STEM (Science, Technology, Engineering and Math) within our curriculum where students are introduced to advanced technology and equipment along with collaboration and leadership skills. All students have access to a full continuum of rigorous academic course offerings and a diverse selection of co-curricular activities. Students can also participate in the school's three focus offerings: STEM Academy, Visual and Performing Arts Academy or FalconTech, the district's first P-TECH (Pathways in Technology Early College High School) school.

Academic Programming and College Credit Options

Advanced Placement (AP): 20 weighted grade courses
Concurrent Enrollment Options: Front Range Community College
Honors Courses: Offered throughout 9th and 10th grade
FalconTECH: In partnership with IBM, ANM, CGI, and Front Range Community College, students have the opportunity to earn an Associate of Applied Science in Computer Information Systems at no cost to the student, concurrently with a high school diploma.

Principal: Heidi Ringer

Administrative/Counseling Pairings

Last Names A-Da - Lindsay Yost, Assistant Principal/Athletic Director/Julia Harding, Counselor

Last Names De-He - Greg Stephens, Assistant Principal/Addisyn McMullen, Counselor

Last Names Hi-Mi - Laurieann Henderson, Assistant Principal/Eliana Harris, Counselor

Last Names Mo-Ri - Susana Wittrock, Assistant Principal/Brittney Luna, Counselor

Last Names Ro-Z - Jennifer Piggott, Assistant Principal/Derrick Betting, Counselor

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Academic Programs at Skyline

- The Academies
  - Visual Arts
  - Performing Arts
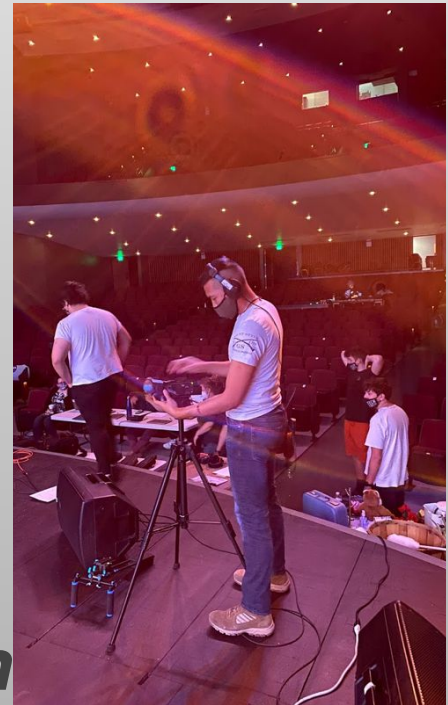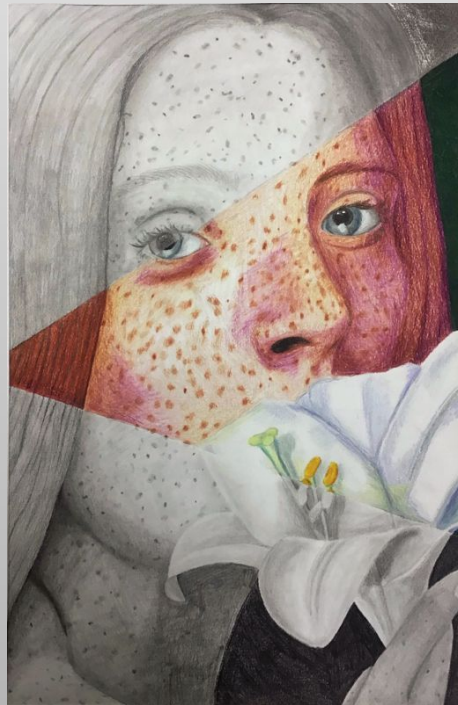 - STEM
- Honors & AP Capstone
- Falcon Tech (PTECH - Pathways in Technology Early College High School)
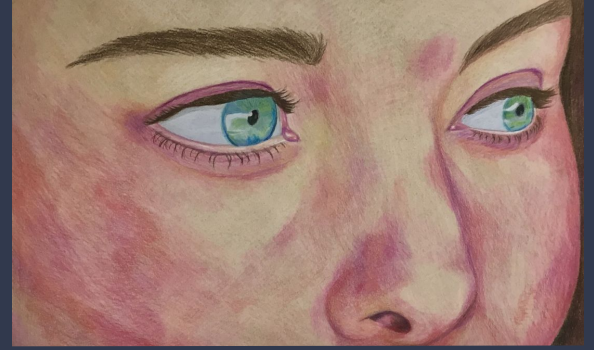- Business Pathway with FRCC

At Skyline, students are the drivers of their education.

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"My education and extracurricular experiences at Skyline taught me nearly everything I know about hosting art events, creating community in the art world, and the power that art has on changing the culture of our world."

— VPA alum

Visual Arts

Possible Course Offerings:
Explorations in Visual Arts
Digital Photography
Studio Art (Traditional Media)
Studio Art: Digital Media

Drawing	Advanced Photo
AP Drawing	Sculpture
AP 2D Art & Design	Ceramics
AP 3D Art & Design	IC &CETC Classes
AP Drawing	

**FRCC Concurrent Enrollment Classes: Drawing, 2D Design, Ceramics

Capstone Work:
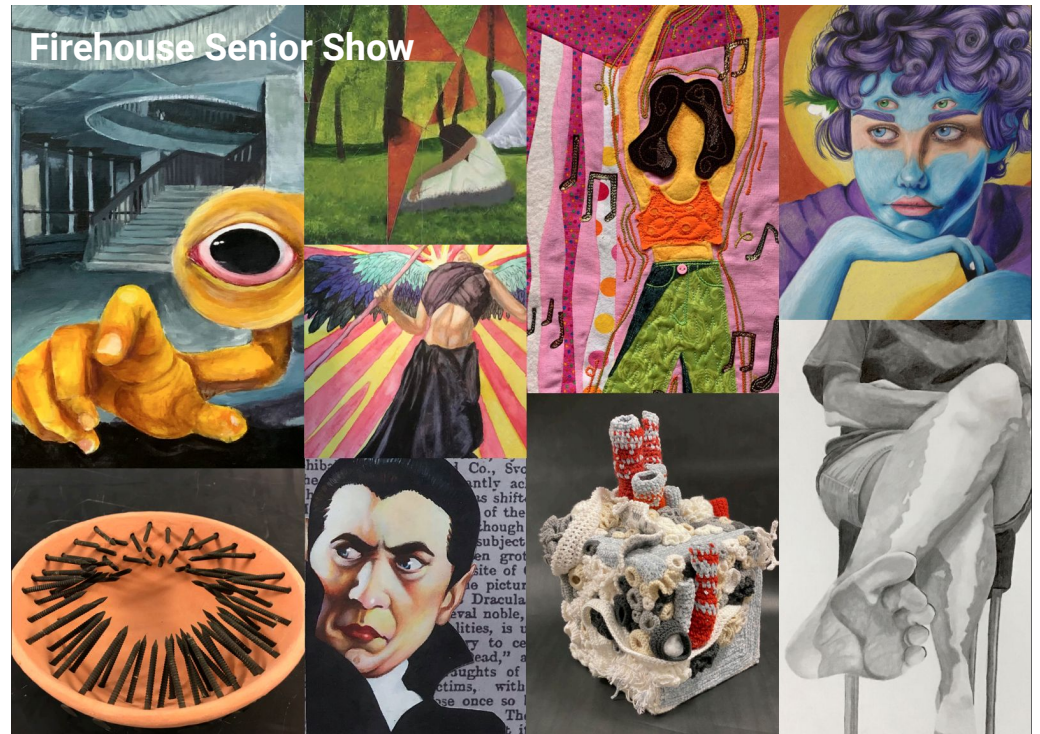Portfolio development & presentation

Visual Arts

Visual Arts Alum:
Fashion Design
Architecture
Animation
Media Studies
Graffiti Art
Book Illustration
Photography
Graphic Designer

Other opportunities: Field trips, Speakers, Collaboration with guest artists, Shows in the community

Firehouse Senior Show

Ally Rodriguez picked up violin in sixth grade, but it wasn't until her junior year at Skyline that she joined the school's mariachi program. She said she clicked with it right away.

"Mariachi is so much more than just music," she said. "It's a sense of community and family. You get to share that love with a bunch of different people who are all there for the same reason."

Last year, Ally was one of only a dozen musicians selected for Mariachi Estelares de Colorado — the first youth all-state mariachi ensemble in Colorado.
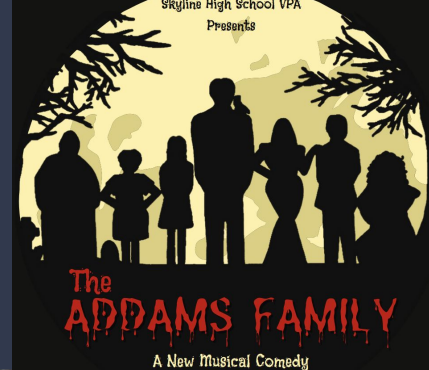
TIMES-CALL

September 2022

Performing Arts

Skyline High School VPA Presents

The ADDAMS FAMILY
A New Musical Comedy

Possible Course Offerings:

Choirs (Concert, Soprano/Alto, Tenor/Bass, Allegro, Jazz)

Bands (Concert, Symphonic, Jazz, Percussion)

Orchestra   Mariachi (beg, adv)

Drama

Guitar   AP Music Theory

Tech Theater (3 levels)

Musical Theater

Portfolio development & presentation

Upcoming FRCC opportunities include:
Music Theory, Ensemble I, II and II

Other opportunities:
- Workshops, Clinicians, Musicals,

Plays, Field trips, Monthly speakers

Mariachi Performance

Spring Outdoor Concert

Performing Arts

Performing Arts Alum have gone on to major in:

Art Education
Music Education
Music Performance
Film
Composition & Songwriting
Biochemistry
Business
Economics
Political Science

The introduction to engineering program gave Ashwini an opportunity to learn about different kinds of engineering, including introducing her to sustainable architecture. That introduction helped her decide to focus on environmental engineering.

"Skyline allowed me to explore so many different aspects of my passions and is such a welcoming atmosphere where support is overflowing! Reach out to anyone and you'll find that they have your best interest in mind. I am where I am because of my amazing friends and mentors from Skyline."

Ashwini Shrestha (SHS '21)
STEM and AP Capstone
Boettcher Scholarship recipient
Colorado School of Mines class of '25

TIMES-CALL

June 2021

STEM

Design Thinking & Project-Based Learning Topics:
- Robotics
- Electronics
- Architectural Engineering
- Computer Aided Design
- Renewable Energy
- Computer Science
- Student-Driven projects

Courses + Opportunities★:
- Explorations in STEM
- Creative Engineering
- Advanced Engineering
- Senior Design
- ★ Robotics Team
- ★ STEM Leaders

CU PISEC partnership:
- Mentors (undergrad, grad)
- Poster Symposium

High performing students graduating with a STEM Certificate have the ability to earn

❏ **Guaranteed admission** into the University of Colorado's College of Engineering

❏ **Guaranteed admission and 2 years tuition** at Western Colorado University
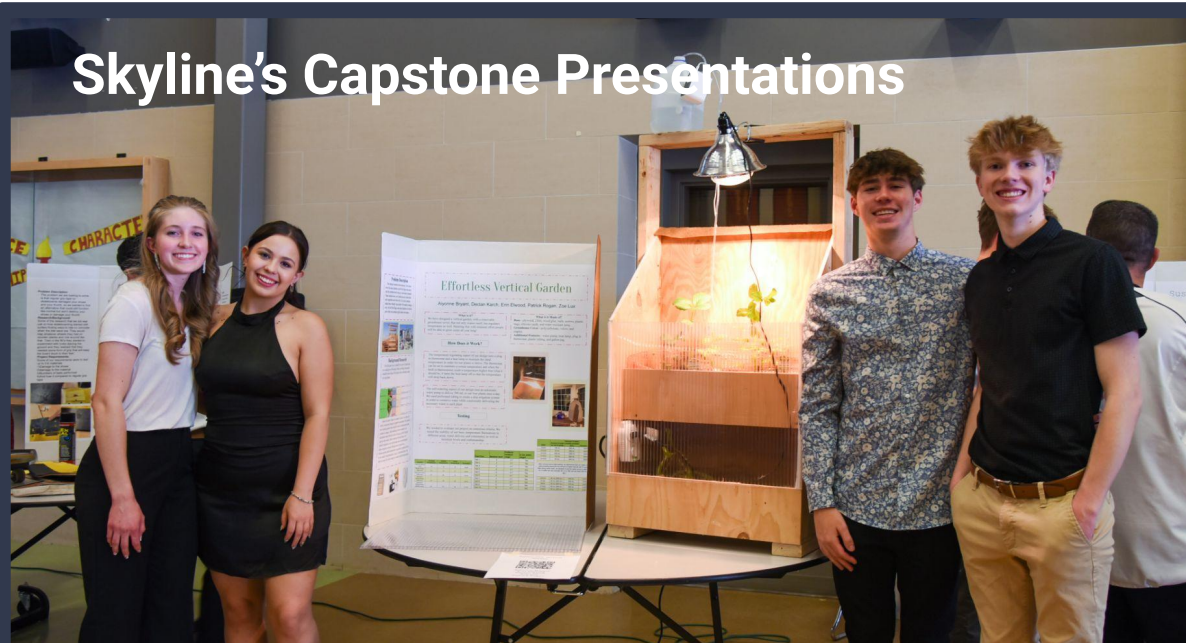
STEM

STEM Alum:
Mechanical Engineering
Biomedical Engineering
Pharmaceutical Litigation
Bioinformatics
Nursing
Environmental Engineering
Carbon Sequestration
Lighting & Electrical
    Energy Conservation

Skyline's Capstone Presentations
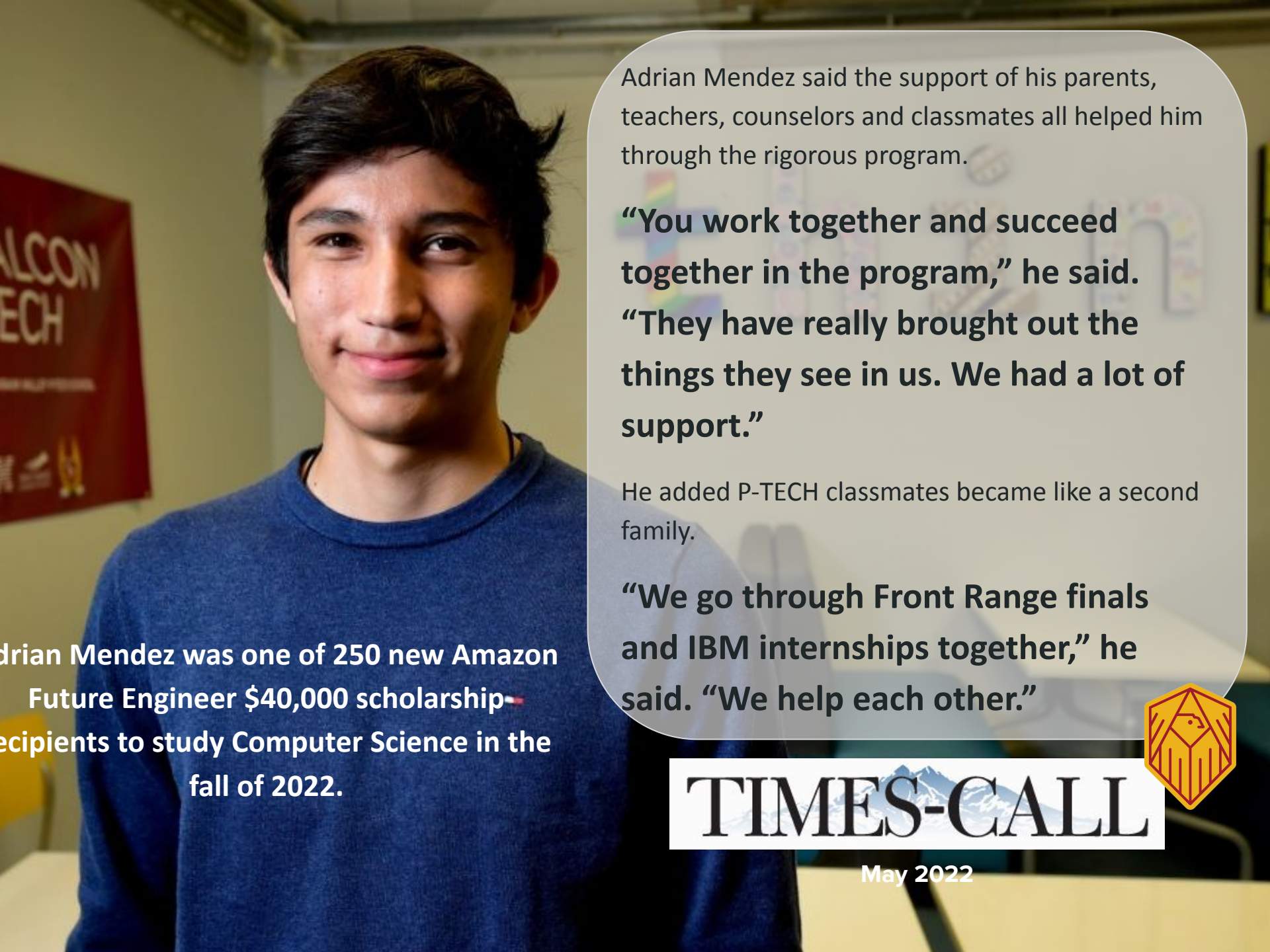
Business Pathway with FRCC

Concurrent Enrollment Classes:

- CIS1018: PC Applications (Microsoft Office)
- BUS1002: Entrepreneurial Operations
- MAR1055: Social Media for Marketing
- BUS2010: Legal Environment of Business
- MAN2025: Managerial Finance

If a student successfully completes the 5 courses, they can receive a Small Business Ownership Certificate from Front Range Community College

Other Opportunities:

- DECA – Career Tech Student Organization focused on Marketing
- Possible Capstone and Internship Opportunities
- Possible other FRCC Coursework after graduation

Adrian Mendez said the support of his parents, teachers, counselors and classmates all helped him through the rigorous program.

"**You work together and succeed together in the program,**" he said. "**They have really brought out the things they see in us. We had a lot of support.**"

He added P-TECH classmates became like a second family.

"**We go through Front Range finals and IBM internships together,**" he said. "**We help each other.**"

Adrian Mendez was one of 250 new Amazon Future Engineer $40,000 scholarship recipients to study Computer Science in the fall of 2022.

TIMES-CALL

May 2022

Skyline is in collaboration with

Students receive an Associate's Degree <u>FOR FREE</u> from FRCC in CIS (Computer Information Systems)

Students will:

- have an industry partner mentor for job shadowing and mentor events

- have **paid** internship possibilities through our four partners

- be "first in line" for job interviews after graduation

- be able to transfer some credits to 4 year universities with your degree

Students can complete the program in 4, 5, or 6 years. - 4 years at Skyline & Years 5 and 6 will be at Front Range Community College - 5 years is recommended

FalconTECH Celebrations

- FalconTECH is fully built out with grades 9-14. Currently, there are 230 students in the program.
- FalconTECH has a 100% High School Graduation Rate
- 46 students have earned their Associates of Applied Science (AAS) degree from Front Range Community College
  - Degrees were in Computer Programming, Web Development or General CIS

FalconTECH Celebrations

- 123 FalconTECH students have completed their paid Internship with IBM since 2019.

- 56 FalconTECH alumni are continuing their education in college or university.

- 14 students are currently employed by IBM as a Junior Data Scientist, IBM Hacker, Internal Hardware Specialist, Global Team Member of Virtual Assistant Team and Watson Junior Programmers
    - All 6 received a $1000 signing bonus from IBM!

FalconTECH

FalconTECH Alum

FalconTECH Alum:
- Business Transformation Consultant
- Junior Infrastructure/Processor
- Junior Permitting Utilities Specialist

Freshmen Mentor Day 2022

- Extern in the IBM Bridge Program
- Legal Assistant
- Hardware Support
- Human Resources

"One of the biggest takeaways from my high school experience is that it's completely okay to be vulnerable and allow room for making mistakes. There were times when it seemed impossible to do well in an AP class or to learn a new programming skill in a college class, but even though it took me a while to realize this, allowing myself to be vulnerable and seek out help from teachers and other students was exactly what I needed to do."

Jose Quiroz-Yanez
Skyline Class of 2021
FalconTECH & AP classes
Harvard, Class of 2025

AP Classes / **AP Capstone Program**:

Students have access to college level courses while they are in high school. Some classes operate on a rotating basis.

- AP Chemistry
- AP Comparative Gov & Politics
- AP Biology
- AP Physics (Trig-Based)
- AP Physics (Calculus-Based)
- AP Environmental Science
- AP Statistics
- AP Calculus
- AP Computer Science Principles
- AP Language & Composition
- AP Literature & Composition
- AP Psychology

- AP US History
- AP Government
- **AP Human Geography**
- AP Spanish
- AP French
- AP Music Theory
- AP Studio Art Drawing
- AP Studio Art 2D Design
- AP Studio Art 3D Design
- AP Seminar
- AP Research`````````````````

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More than two thirds of our
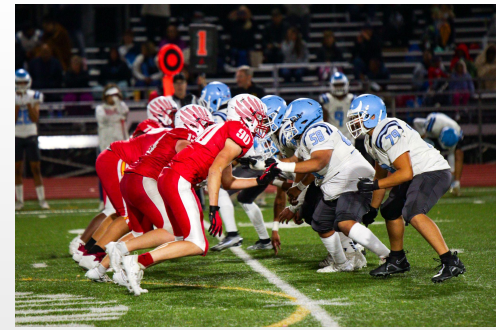Falcons participate in
Arts, Activities and/or Athletics.

How can YOU get involved?

shs.svvsd.org

Baseball
Girls & Boys Basketball
Co-Ed Cheerleading
Cross Country
Football
Girls & Boys Golf
Girls & Boys Soccer
Softball
Girls Swimming
Girls & Boys Tennis
Track
Girls Volleyball
Wrestling

Athletics

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Clubs

Yearbook
FCCLA

International Thespian Society
GSA (Gender Sexuality Acceptance
National Art Honor Society
Model United Nations
National Honor Society
Astronomy
Creative Writing
Table Top
Sci-Fi
Ultimate Disc Team
La Raza
Hooks and Jabs
Sources of Strength
Skyline High Class Literary Society
Outdoor Ecological
Dance
Student Activity Ambassadors

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We are Falcons.
We are SKYLINE.

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Every student finds their place . . . .

We are Falcons.
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- *How do Skyline's programs, clubs and athletics fit into the future you want to create for yourself?*

- *What do you want from your high school experience?*

- *Does this atmosphere fit you as a learner, a community member, a future leader and citizen?*

- *Can you see yourself as a part of Skyline?*

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Next steps:

➔ **End of October:** Counselors, Falcon Tech, STEM and VPA Reps went to feeder middle schools (Timberline & Trail Ridge) during the day to give an overview to students.

➔ **Nov 15 - Jan 13:** Program Applications are open and available on our webpage.

➔ **Dec. 1 - Dec. 15**: Open Enrollment

➔ **Jan. 13:** Skyline Counselors will meet with Middle School Teachers to talk about Registration

➔ **Jan. 10 - Feb. 5 -** Students will Register for classes

Non-feeder: Please contact us once your Open Enrollment has been accepted.

Open Enrollment Information can be found at enrollment.svvsd.org

shs.svvsd.org

Falcon Tech Application

Applications are available on our webpage and are open until January 13, 2024

STEM Interest Application

VPA Visual Arts Interest Application

shs.svvsd.org

Students are available for personalized tours and/or to direct you to a breakout room

Departments, CETC, IC and Opportunities for Parent Involvement including Boosters and SPAPA (Skyline Performing Arts Parent Association)
Commons

Breakout Sessions for PTECH, VPA, STEM, Counselors and Business
Session 1: 6:40 - 7:05

Session 2: 7:10 - 7:35

Session 3: 7:40 - 8:00

Athletics and Clubs
North Hallway

PTECH

Library

VA

Room 146

PA

Choir Room

Counseling

Commons

Business

DECA

Room 137

STEM

Room 206

Heidi Ringer, Principal   @SHS_Principal
ringer_heidi@svvsd.org