On the left side of the slide, there are several overlapping geometric shapes. A large yellow parallelogram is at the top left. Below it is a blue parallelogram. Further down is a light gray parallelogram. At the bottom left, there is a large, light gray triangular shape that points towards the center of the slide.

2025/26 HSS Academies



Overview of Academies



School academies offer a dynamic and personalized learning experience that extends beyond the traditional classroom. Unlike standard elective courses, academies provide in-depth exploration of a specific field, catering to your unique interests and aspirations.

Key features of school academies:

- **Expert Mentorship:** Academies leverage the power of external professionals, combined with internal expertise. Academies allow students to gain insights and guidance from industry leaders, researchers, ex-professional athletes, or those that have great accomplishments directly related to your chosen field.
- **Passion-Driven Learning:** Dive deep into areas that ignite your curiosity. Academies foster a collaborative environment where you can explore your interests alongside like-minded peers.



3 Areas of Student Responsibility



Academics- Every student has a different line, but students are expected to exceed/meet their full potential (as deemed by parents, students, and teachers).

Attendance- 90% or less attendance begins to have an impact on academics. We also are aware that some students will miss for a variety of reasons. Conversations will begin if students are attending less than 90% of the time.

Behaviour- All students are expected to treat all students with respect, to be responsible for their actions, and show resilience in difficult times. We expect academy students to epitomize this. Academies are designed to further build skill sets and passion areas, not to create “elitism” within are building.



3 Areas of Student Responsibility



If it is determined that any or all of these areas of responsibility are broken, the following may occur:

- Probationary time period granted to correct area needing correction.
- Pause of privilege to attend academy for a determined period of time.
- Removal from academy. A prorated amount will be charged, and the remaining will be reimbursed.



HSS Academies



We have 3 established Academies, and 1 new Academy for the 2025/26 school year. The academies are:

HSS Dance/Cheer Academy- grades ****NEW**** 5-6, 7-8 and 9-12- cost \$600 (grades 5-6) & \$1200 (grades 7-12)

HSS Hockey Academy- grades 5-6, 7-8, and 9-12- cost \$600 (grades 5-6) & \$1300 (grades 7-12)

HSS STEAM Academy (lite)- grades 10-12- cost \$250

****NEW**** HSS AG Academy- grades 10-12- cost \$600

The details for each academy are in the following slides:



HSS Dance/Cheer Academy



Overview

The HSS Dance/Cheer Academy will focus on the techniques and disciplines of Ballet, Jazz, Hip hop, lyrical and Cheer. Depending on students we may be able to add Tap (if students have or want to get shoes). Classes will largely entail building dance vocabulary, strength and conditioning, and proper nutrition. We plan to include such things as Pilates and yoga to offer a balance and create a more complete sense of well-being.

Cheerleading, was a new program to all students last year. Last year we were able to provide ways for the program to give back to the school (cheerleading at school events, sports games, etc.) .

Creating routines for the children to perform at various school events. Cheer will be an option within the program, I understand not all kids will be comfortable performing for their peers.

The goal is to focus on skills and work on routines that are designed for a competition that the HSS Dance team will attend at the end of the year.



HSS Dance/Cheer Academy

Instructor



Kasandra Schwandt

Kasandra began dance at the age of 3 and danced competitively for 15 years. At the age of 15 she was given the opportunity to start student teaching. She fell in love with that side of dance and sharing her passion with others. Over the past 20 years, Kasandra has taught all styles of dance, following the ADAPT and RAD Syllabus.

Kasandra was given the opportunity to take dancers to perform in Walt Disney World Dance the World, Disneyland Dance the Magic and Phoenix, Arizona Celebrity Dance Competition. She's experienced great success as a teacher winning numerous awards including: Choreography, Age Division Titles, Showstoppers and many more.

Kasandra looks forward to sharing her passion and experience with the students of HSS.

This year, Carlie Bradley will also be supporting our Dance/Cheer Academy students with their fitness and training. She is a certified in Health Sciences, Fitness, and Nutrition Carlie Bradley is a dedicated health and wellness professional with a passion for promoting active and healthy lifestyles. Certified in Health Sciences, Fitness, and Nutrition, she combines her expertise to inspire others to achieve their wellness goals.

Cost: \$600 (grades 5/6) \$1200 (grades 7-12)/ year.

Duration: Sept-June



HSS Dance/Cheer Academy



Expectations

Studio Time: Students will spend the majority of their time in the dance studio during the school year. Students will get a month syllabus on what dance subjects we will be covering for the duration of that month. We will focus on individual technique in each subjects as well as combinations. Focus will be on Jazz, Ballet, Contemporary, Lyrical, Hip Hop as well as introductions to Musical Theatre, Irish and Baton. Tap will be incorporated on individual bases.

Strength and Conditioning: 1 day each week will be dedicated to fitness, which will incorporate dance strengthening in their movement, strength training, pilates, yoga, cardio etc.

Some Classroom time will be expected for the students to learn about proper nutrition and fueling their bodies properly and the history of dance.

Cheer: Cheer will be team dance based routines in a uniform. A number of different dances about 45 second 1 minute long will be created for dancers to perform at different school functions.

HSS Hockey Academy



On Ice Overview - To create a true high-performance option for all players in Mountain View County.

- To provide the very best development opportunities for all of its players and coaches.
- To offer an affordable, realistic and local option for a high-performance program with the intention of giving players from the draw zone the ability to access the program close to home.
- To ensure all athletes are accountable to academics, and athletics through a singular channel.

Off Ice Overview - The training philosophy is to EDUCATE, DEMONSTRATE, COACH and EVALUATE.

The **Vision for the Strength and Conditioning Program** is a 2 prong approach:

- 1) Develop and positively impact the lives of our student athletes by creating an environment that is positive, demanding, educational and enjoyable in order for the athlete to reach success.
- 2) Create an objective results driven process to athletic development

HSS Hockey Academy



Instructor(s)

On Ice: Mike Brodeur- Mike started his Junior Hockey Career for the Camrose Kodiaks playing in the RBC Cup Tournament. Mike was then drafted by the Chicago Blackhawks in the 7th round. Mike decided to move to the WHL the next year and joined the Moose Jaw Warriors. The next season Mike turned Pro where he earned a spot in the ECHL All Star Team. After putting time in with the ECHL, Mike moved up to the AHL's Rochester Americans where he was named Team MVP and also named to the AHL Canadian All-Star Team. Mike then signed with the Ottawa Senator's where he played 3 games posting 3 wins and 1 shut out. Mike caught the eye of Canadian Hockey Legend, Don Cherry appearing in one of his Rock Em Sock Em Hockey Videos. In 2011 Mike's team, the Binghamton Senator's won the Calder cup. He then finished his Pro career in the AHL and ECHL, cut short by a number of career ending injuries. Throughout his career, Mike has been coached by many premier coaches and played with some of the NHL and AHL's top players. Concussions ultimately ended Mike's career and sent him to a place of darkness. Mike explains that these injuries were a hidden blessing. Guiding him towards his true passion which is teaching. Mike has had to learn many skills to deal with the side effects of concussion syndrome. Through meditation, mindfulness, diet, yoga, and visualization Mike has overcome all previous ailments and now has some amazing life skills to teach his students. Breath is power. Through proper breath and mindset his students are able to set goals and achieve them.

HSS Hockey Academy



Instructor(s)

Off Ice: Carlie Bradley - Certified in Health Sciences, Fitness, and Nutrition, Carlie Bradley is a dedicated health and wellness professional with a passion for promoting active and healthy lifestyles. Certified in Health Sciences, Fitness, and Nutrition, she combines her expertise to inspire others to achieve their wellness goals. Carlie understands the importance of balancing family, health, and personal growth. She is actively involved in her community, volunteering her time and coaching volleyball, fostering teamwork, sportsmanship, and confidence among young athletes. With her comprehensive knowledge and genuine enthusiasm, Carlie is committed to empowering individuals to live healthier, happier lives.

Curriculum and Activities:

- Off-ice training: strength & conditioning, agility, injury prevention
- Skill development sessions
- Nutritional guidance and wellness education
- Mental skills training and sports psychology

Cost: Grades 5-6 is \$600, Grades 7-12 is \$1300 per year

Duration: Sept-Early April

HSS Hockey Academy



Expectations

On Ice: Discipline - On time for ice, and for class

Focus - mental focus for every task. Passing, shooting, and skating, all take focus to be able to perform properly

Energy - bring energy to your day and your peers

100% effort – Be better every day!

Respect – facilities, your peers and most importantly yourself

Leadership - lead by example, never do anything to embarrass yourself or your team

Communication - speak up if you don't understand. If you need a day off just communicate

Love - help others, encourage others, love the game, and love yourself)

Education - school comes first! If grades your grades are not taken care of, hockey will be taken away

Emotion – we choose how we feel!

HSS Hockey Academy



Expectations

Off Ice:

- **Gym sessions:** We train with purpose, with intent and with specific goals in mind. We focus on fundamental athletic movement patterns and specify the Hockey High 5. Creating a strong core with a stable neutral spine is something that every athlete needs before any type of stress is added on the body.
- **Dryland:** We use dryland sessions to build endurance, agility, power, acceleration, sprinting, speed drills, mobility work, core, injury prevention, and competition readiness.
- **Lectures:** Nutrition for Athletic Development, Rest and Recovery, Ankle Mobility/Foot Strength, Hip Health, Stretching, Rotator Cuff – Activation/strength, Goal Setting
- **Fitness Testing:** 4x/year



HSS Hockey Academy



Details

Grade 5-6 Group: 2-3 days a week. 50% on-ice training, 50% off-ice training.

Grade 7-8 Group: 2/3 on-ice, 1/3 off-ice training.

Grade 9-12 Group: 2/3 on-ice, 1/3 off-ice training.

It is the responsibility of the families to get gear to and from the arena. A calendar of the days will be provided



HSS STEAM Academy (lite)



Overview

Science, Technology, Engineering, Arts, and Math programs continue to gain steam in the educational world. With a wealth of support from partner secondary institutions and the division, we are excited to start offering coding, robotics, and other tech. related modules and credits to our students at HSS. Our first year has been a steep learning curve and we have been excited to start programs using Python, Java Script, C++, Tinkercad, Arduino coding, and more.

The hope is to foster an excitement for emergent technology fields and offer dual-credit courses in the near future to seamlessly integrate connections with post secondary schools.



HSS STEAM Academy (lite)



Instructor: Mr. Jordan Hart

Jordan has been a senior high English teacher with Chinook's Edge school division for the past decade. Around four years ago, his principal at HJ Cody school approached him with the idea of starting a technology based elective around his hobby of 3D printing. The grade 9 STEM elective was born of this plan and introduced students to computer assisted design software to solve a number of problems and compete in a number of challenges. When the opportunity to continue to program was presented at HSS, funding from division office allowed our school to purchase a fantastic array of 3D printers.

Though lacking a formal technology education background, Jordan has been an avid nerd and participant in Makerspaces, Technology PD, and computer science learning. He is particularly excited for what the potential of an Academy model can do to foster an appreciation for learning in the digital world and our future classrooms.

Cost: \$250 per year

Grades: 10-12



HSS STEAM Academy (lite)



Expectations

Modular Learning: Students will spend the majority of their time working independently on a variety of credit based modules to introduce programming languages and emergent technology fields.

Technology focused: Every day students will be responsible for the use and maintenance of our growing supply of technology. Putting the technology in their hands makes a reality of what often feels like far off futures. Students will be learn to properly use and maintain their computers, soldering stations, 3D printers, laser cutters, etc.

Interdisciplinary: None of the technology exists in a vacuum and the intent is to foster a greater appreciation for each of our academic disciplines and the role that these new technologies can play in improving the quality of learning in each subject.

ROBOTICS PROGRAMMING & 3D PRINTING CREDITS

INTRO

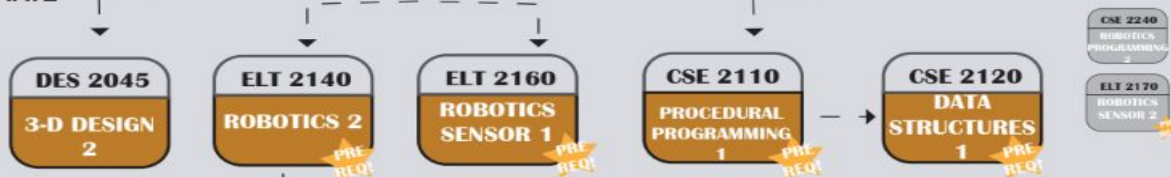


Optional
Additional
Credits



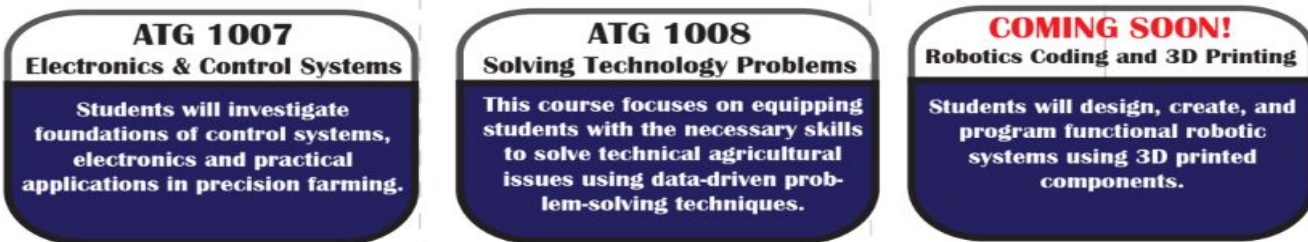
This comprehensive beginner-level course is designed to provide students with a solid foundation in programming, Arduino board assembly, and 3D modeling techniques. This course aims to equip students with the skills and knowledge necessary to pursue various projects that integrate these technologies.

INTERMEDIATE



In this Intermediate course students will develop their skills in modular coding and data synthesis in C++, Arduino programming, and utilizing 3D printing technology for creating robot parts. This course focuses on combining these skills to enable students to build and program sophisticated robotic systems.

DUAL CREDIT COURSES



Upon completion of the Intro and Intermediate courses students are eligible to enroll in any of the dual credit courses offered through Olds College. Students will earn 5 credits at the 30 level as well as post secondary credits.

ADVANCED



In the Advanced Robotics and Coding course students will have more freedom to develop skills in their area of interest. There are opportunities to learn new programming languages, learn how to build video game graphics, design and compete with autonomous robots and partner with local businesses to earn credits while working.



****NEW**** HSS AG Academy



Program Description:

The Hugh Sutherland School Agriculture Academy is a comprehensive program designed to provide students with a robust foundation in modern agricultural practices, fostering a deep understanding of the industry's diverse facets. This academy offers a unique opportunity for students to explore their passion for agriculture, develop essential skills, and prepare for future careers in this vital sector. Through a blend of theoretical knowledge and hands-on experience, students will gain valuable insights into plant science, soil management, food production, and the innovative technologies shaping the future of agriculture.

Program Goals:

- To provide students with a comprehensive understanding of agricultural principles and practices.
- To develop practical skills in gardening, plant propagation, greenhouse management, and soil science.
- To foster an appreciation for the importance of agriculture in food production and environmental sustainability.
- To prepare students for post-secondary education and diverse career opportunities in the agricultural industry.
- To encourage innovation and problem-solving through project-based learning.



****NEW**** HSS AG Academy



Instructors

Colby Evans- Serves as the Athletic Director and a teacher at HSS, the very school and community where he was born and raised as a local farmer. His passion for agriculture is a cornerstone of his identity, and he actively cultivates it through ongoing education. Colby has recently been taking courses through Olds College to update his farming knowledge, reflecting his commitment to staying current in the agricultural field.

Tim Taylor- A dedicated shop teacher at HSS, a role he embraces with the same practical passion he brings to his lifelong love of farming. Born and raised on a local farm, Tim's connection to the land is deeply ingrained. Committed to continuous learning, he has recently been taking courses through Olds College to update his agricultural knowledge, ensuring he remains current with the latest farming practices.

Cost: \$600 for the entirety of the school year (September-June).

Grades: For the 2025/26 school year, there will **only be a grade 10-12 group**. We will look to expand in the coming years.

Duration: Sept-June



****NEW**** HSS AG Academy



Experiential Learning:

The Agriculture Academy emphasizes hands-on learning through:

- School garden and greenhouse activities.
- Field trips to local farms and agricultural businesses.
- Guest speakers from the agricultural industry.
- Project-based learning and independent research.
- Connection with Olds College
- Connection with local groups (Carstairs Ag. Society, etc.)

NEW HSS AG Academy



Introductory Courses (Grades 10-11):

- **COURSE AGR1010: INTRODUCTION TO AGRICULTURE:** This foundational course provides an overview of the agricultural industry, including its history, current trends, and future challenges. Students will explore various sectors, such as crop production, livestock management, and agricultural technology.
- **COURSE AGR1040: INTRODUCTION TO ANIMAL BASICS:** This course emphasizes hands-on learning in animal care, where students learn the fundamentals of raising domestic animals and ensuring their well-being. Students explore the specific requirements of different animal types and develop the ability to provide appropriate shelter, nutrition, and general care. A key focus is on understanding animal health, enabling students to recognize health issues and implement preventative measures.
- **COURSE AGR1055: GARDENING:** Students will learn the fundamentals of gardening, including soil preparation, planting techniques, pest management, and harvesting. Hands-on experience in the school garden will be emphasized.
- **COURSE AGR1050: PLANT PROPAGATION:** This course focuses on the techniques used to propagate plants, including seed starting, cuttings, and grafting. Students will gain practical experience in propagating a variety of plant species.
- **COURSE AGR1150: GREENHOUSE/NURSERY CROPS 1:** Students will be introduced to the principles of greenhouse and nursery management, including environmental control, irrigation, and fertilization. They will gain experience in growing and maintaining greenhouse crops.
- **COURSE AGR1910: AGR PROJECT A:** Students will initiate their agricultural project work, designing and implementing a small-scale project related to their interests.
- **COURSE AGR3000: AGRICULTURE SAFETY:** Students recognize and assess the hazards and manage the risks of working in agriculture.

****NEW**** HSS AG Academy



Intermediate Courses (Grades 11-12):

- **COURSE AGR2020: ANIMAL HUSBANDRY/WELFARE:** This course allows students to apply the principles of animal science and health technology in providing care for a domestic animal.
- **COURSE AGR2050: AGRIFOODS 1:** This course explores the journey of food from farm to table, focusing on food processing, distribution, and marketing. Students will gain an understanding of the agrifood industry's role in ensuring food security.
- **COURSE AGR2095: INDOOR PLANTS:** Students will learn the care and maintenance of indoor plants, including proper lighting, watering, and fertilization techniques. They will explore the aesthetic and environmental benefits of indoor plants.
- **COURSE AGR2120: SOILS MANAGEMENT 1:** This course provides an introduction to soil science, including soil composition, structure, and fertility. Students will learn about soil testing and management practices to optimize plant growth.
- **COURSE AGR2150: GREENHOUSE/NURSERY CROPS 2:** Building upon the introductory course, students will delve deeper into greenhouse and nursery management, focusing on advanced techniques and specialized crops.
- **COURSE AGR2910: AGR PROJECT B:** Students will expand upon their previous project or begin a new project with increased complexity.
- **COURSE AGR2920: AGR PROJECT C:** Students will continue to build on their project work, and refine their skills.

NEW HSS AG Academy



Advanced Courses (Grade 12):

- **COURSE AGR3050: AGRIFOODS 2:** This course explores advanced topics in agrifoods, including food safety, quality control, and sustainable food systems.
- **COURSE AGR3100: BIOTECHNOLOGY:** Students will learn about the applications of biotechnology in agriculture, including genetic engineering, tissue culture, and bioenergy.
- **COURSE AGR3150: GREENHOUSE/NURSERY CROPS 3:** Students will engage in advanced greenhouse and nursery practices, including integrated pest management, hydroponics, and advanced environmental controls.
- **COURSE AGR3120: SOILS MANAGEMENT 2:** This course covers advanced soil management practices, including soil conservation, remediation, and precision agriculture.
- **COURSE AGR3910: AGR PROJECT D:** Students will engage in a large capstone agricultural project.
- **COURSE AGR3920: AGR PROJECT E:** Students will finalize and present their capstone agricultural project.



Next Steps



- 1) Discuss as a family. If you have more questions, please reach out to Dean at dnielsen@cesd73.ca.
- 2) If you want to proceed with joining, please use one of the following links:

[HSS Dance/Cheer Academy](#)

[HSS Hockey Academy](#)

[HSS STEAM Academy](#)

[HSS AG Academy](#)

- 3) Students will be provided with a schedule that has them in the academy of their choice. They will begin in September 2025.