



Henry Wise Wood High School

Motto | "Finis Coronat Opus" The End Crowns the Work
*Home of Scholars, Artists, and Champions and
Where International Students Feel at Home*



About Us

- Proud tradition in offering students a culture of excellence in academics, athletics, and creative arts.
- Our students produce strong diploma and IB exam results.
- Experiences foster qualities such as open-mindedness, intellectual risk-taking and creativity.
- Extensive partnerships with Calgary Women's Immigrant Association, Bridge Foundation, Career and Technology Centre.
- Our school has numerous computer learning centres, three gymnasiums, fitness centre, yoga studio, well-equipped science labs, foods lab, fashion studies room, woodworking shop, trend-setting Learning Commons and Sports Medicine room.
- Newly renovated courtyard designed to inspire students towards greater level of engagement, collaboration and exploration.



Specialized Programs

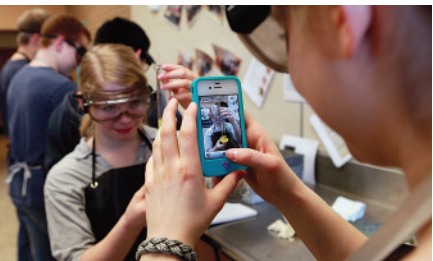
We are proud to offer programs designed to meet the diverse learning needs of our students. Student programming selection includes: International Baccalaureate, Gifted and Talented (GATE), and ESL.

We also have technical areas for our extensive Creative Arts Program including:

- Visual Art
- Band
- Jazz
- Drama
- Choir
- Digital Media Arts (Graphic Design, Photography, Animation, and Film)
- Architecture / 3D Modelling
- Unique complementary courses such as Crime and Space, Astronomy

Clubs/Activities

We invite students to participate in all aspects of school life by engaging in Warrior athletics, clubs, social and cultural events. Such events may include trips to Italy, Japan, Seattle, Hawaii and New York. Visit our website: www.henrywisewood.com/clubs.html



Sport

Henry Wise Wood offers a full complement of high school sports including:

- cross country
- track
- volleyball
- basketball
- badminton
- swimming
- rugby
- football
- soccer



ELL Support

Students are assessed to determine appropriate programming. ELL support is available throughout the school day.

International Student Support

International Student Coordinator serves as a liaison between families and school to create meaningful learning experiences. Guidance Counsellors also provide support.

Intake Dates

Students can enroll in September or January for a full year or a semester.

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Henry Wise Wood High School

School Motto
 "Finis Coronat Opus"
 The End Crowns
 the Work

School Colours
 Grey, Burgundy, White

School Mascot
 Maximus

Henry Wise Wood High School is the home of Scholars, Artists, and Champions.

Our student population is rich in its diversity and we are delighted to welcome International Students from around the world. Henry Wise Wood High School (HWW) enjoys a proud tradition of offering students a culture of excellence in academics, athletics, and creative arts. Honouring the tradition of excellence, HWW experiences are designed to foster qualities including open-mindedness, intellectual risk-taking, and creativity.

We invite students to participate in all aspects of school life by engaging in Warrior athletics, clubs, creative arts, and social and cultural events. Such events include our rugby team travelling to Ireland in 2019 and music trips to Seattle, Vancouver and Hawaii.

We are proud to offer programs designed to meet the diverse learning needs of our students. Student programming selections include programs of choice and special education settings:

- International Baccalaureate Programme (IB)
- Gifted and Talented Education Program (GATE)
- Creative Arts
- Career and Technology Studies (CTS)
- Off-Campus Education including Work Experience and the Registered Apprenticeship Program (RAP)
- English as a Second Language (ESL)
- Literacy, English and Academic Development (LEAD)
- Knowledge and Employability (K&E)
- Paced Learning Program (PLP)
- ACCESS (Attitude, Community, Competence, Elements of Academic Curriculum, Social Skills)
- ASD Cluster Support (Autistic Spectrum Disorder)
- The Class

Our facility is a wireless internet building that includes numerous computer learning centres, three gymnasiums, a fitness centre, a yoga studio, well-equipped science labs, a food studies lab, a fashion room, a woodworking shop, a trend-setting Learning Commons, Learning Centre, and Cafeteria.

We also have technical areas for our extensive Creative Arts Program including:

- Advanced Acting (by audition)
- Visual Art
- Band
- Jazz Band
- Choir
- Theatre
- Technical Theatre
- Drama
- Digital Media Arts (Graphic Design, Photography, Animation, and Film)
- Architecture and 3D (with two state of the art 3D printers)
- Computing Science





GATE

GATE is for students identified as intellectually gifted based on superior cognitive abilities. Central to the program is the development of critical and creative thinking skills in addition to social and emotional competence. The GATE program allows gifted learners to work collaboratively with like-minded peers with frequent opportunities to apply higher level thinking skills and diverse problem solving strategies to real world topics. Students can progress at a faster pace through the Alberta Education Programs of Study. GATE core classes are congregated or blended classes depending on enrolment. Students are in community classes for complementary courses.



International Baccalaureate Program (IB)

Henry Wise Wood is an accredited IB school that is authorized to offer the International Baccalaureate Diploma Programme. There are a variety of IB courses available to both IBDP students (take five IB courses) and IBDP course students (take at least one IB course).

IB Courses

Group 1 Language and Literature	Group 2 Language Acquisition	Group 3 Individuals and Societies	Group 4 Sciences	Group 5 Mathematics	Group 6 Arts
English Literature HL	French Ab Initio Spanish Ab Initio French B SL Mandarin SL Cantonese SL (off-campus)	History SL/HL *Philosophy 20/30 SL	Chemistry HL Biology SL Physics HL	Mathematics SL Mathematics HL	Visual Arts SL Film SL

*Offered every other year. Next year to be offered is 2019.



Unique IB Course Offerings

Film Studies 15 hwIB (5-8 credits)

In this introductory course to Film and Animation Studies, students will explore the rich history and traditions in film making, and investigate different methods to create their own projects covering multiple genres using a variety of techniques. Looking at a variety of films throughout history, students will dig deeper into film and animation theories, and then apply them to their own projects. Complete access as well as a thorough introduction to industry software will be provided, and no previous experience is required. Projects will be created in film and/or animation based on the individual students' preference, providing students with the opportunity to earn up to 8 credits in the semester. By the end of the introductory course, students will start to identify themselves as candidates for the IB program and will be prepared for expectations for the following level.





Film 25 IB & Film 35 IB SL (5-8 credits)

In this intermediate course, Film 25 and Animation Studies 20, students tackle more difficult themes and techniques used in filmmaking and are challenged to think more critically when working on projects. Film 25 IB SL is the first of the two year IB course in Film Studies SL. Students will commence their IB hours during this course. In the advanced and final course in Film 35 and Animation Studies 30, students will create larger projects in scope that encompass and demonstrate their understanding of the history, techniques and methods studied in the program IB. For the IB assessment, students will have to complete a written documentary screenplay, an oral analytical assessment of a film, and a film production.



Career and Technology Studies (CTS)

CTS Clusters	Business, Administration, Finance & Information Technology	Health, Recreation & Human Services	Media, Design & Communication Arts	Natural Resources	Trades, Manufacturing & Transportation
	BIT	HRH	MDC	NAT	TMT
Occupational Areas	IT Essentials Marketing courses for pre-apprenticeship	Foods Legal Studies Leadership Sports Medicine Sports Medicine 15 hw/B Sports Performance - regular - elite Sports Performance 15 hw/B Girls Fitness and Wellness 15, 25, 35 (5 credits each) Forensic Studies 25 Culinary Cosmetology/Esthetics Health Sciences	Fashion Studies Architecture & 3D Film/Animation Graphic Design/Photography Media Design and Communication	Energy & Environmental Innovation (sometimes partnered with Social Studies)	Autobody Fabrication Pre-Engineering Construction Technology



Did you know that you have access to courses outside of Henry Wise Wood High School? You can attend Henry Wise Wood High School and take two courses at the Career and Technology Centre (CTC). The centre is located at the Central Memorial High School, 2336 - 53 Avenue S.W. **Bolded courses are offered at the CTC.** [Learn more about the Career and Technology Centre](#)



Unique CTS Course Offerings

Girls Fitness and Wellness 15, 25, 35 (5 credits)

Girls will be introduced to psychological concepts related to physical and mental wellness. Topics include: nutrition, body image, strategies for coping with stress. Female fitness trends i.e. hot yoga, spin class, pilates, are sample activities. Course fees apply.

Computing Science 10, 20, 30 (5 credits)

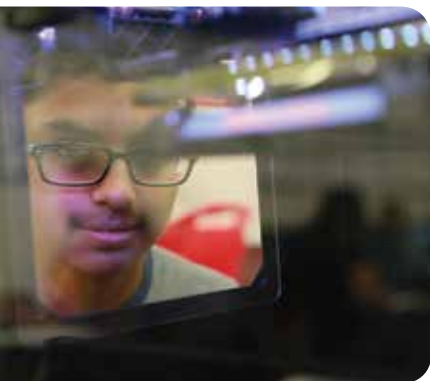
In Computing Science 10, students are introduced to the exciting and dynamic world of computer science. Learn the basics of how computers work, the history of computer science and write beginner level code. Students will build their own websites and program a video game.



In Computing Science 20, students will extend their programming skills which will nicely lead into Computing Science 30 when students explore topics that they would normally see in introductory post-secondary courses. They will continue their mastery of the Java programming language and the focus will be on algorithms and data structures. Game programming and application development for mobile devices (smartphones) will also be topics of exploration.

Fashion 10, 20, 30 (5-7 credits)

Students will design, manufacture, and create other textile and leather products, as well as study the history, sociology and economics of clothing and textile arts. They will create, design, and decorate projects they find meaningful. New approaches allow students to be inquisitive, creative and expressive as they design t-shirts, create wallets, put together cosplay and drama costumes, and develop room décor or any other DIY projects that seem intriguing. Projects can be customized to fit the interests of the student.



Example project areas include:

- Design/Fashion/Cultural/World Clothing
- Cosplay/Drama Creations
- Leggings, tops, and stretch creations
- Leather Art and Accessories
- Home décor/Lifestyle Creations

Students can fill all 5-7 credits in one area or choose to explore various areas throughout the semester.





Creative Arts

	Grade 10	Grade 11	Grade 12
Architecture & 3D	Architecture and 3D Introduction	→ Architecture & 3D Intermediate	→ Architecture & 3D Advanced
Art	Art 10/Visual Arts 10 hwlB	→ Art 20 ↘ Visual Arts 20 IB SL/HL	→ Art 30 Visual Arts 30/31 IB SL/HL
Digital Media Arts (DMA)	Film 15 hwlB Film 15/Animation 10	→ Film 25 IB SL ↘ Film 25/Animation 20	→ Film 35 IB SL (semester one) → Film 35/Animation 30
	Graphic Design 10/ Photography 10	→ Graphic Design 20/ Photography 20	→ Graphic Design 30/ Photography 30
Drama & Theatre	Drama 10/ESL Drama 10	→ Drama 20	→ Drama 30
	Advanced Acting 15*	→ Advanced Acting 25*	→ Advanced Acting 35*
	Technical Theatre 15	→ Technical Theatre 25	→ Technical Theatre 35
Music	Choir 15/Choral Music 10	→ Choir 25/Choral Music 20	→ Choir 35/Choral Music 30
	Instrumental Jazz 15*	→ Instrumental Jazz 25*	→ Instrumental Jazz 35*
	Instrumental Music 10/ Band 15	→ Instrumental Music 20/ Band 25	→ Instrumental Music 30/ Band 35
	*by audition		



Unique Creative Arts Course Offerings

Architecture & 3D Introduction (5 credits)

Architecture & 3D Intermediate, Advanced (5-6 credits)

Create the cities of tomorrow – the houses we live in, the offices we work in and the objects around us. Invent and innovate! Create architecture projects in 3D and take a virtual walk through to see the finished product. Design a 3D object on the computer and see it come to life on one of our 3D printers. Like professionals worldwide, we will be using Autodesk® software to explore qualities in designing, visualizing, and animating highly original structures and objects. Course fees apply.

Film Studies 15/Animation 10 (5-8 credits)

Students will explore the rich history and traditions in film making, and investigate different methods to create their own projects covering multiple genres using a variety of techniques. Looking at a variety of films throughout history, students will dig deeper into film and animation theories, and then apply them to their own projects. Complete access as well as a thorough introduction to industry software will be provided, and no previous experience is required. Projects will be created in film and/or animation based on the individual students' preference, providing students with the opportunity to earn up to 8 credits in the semester.

Film 25/Animation 20 & Film 35/Animation 30 (5-8 credits)

In the intermediate course of Film 25 and Animation Studies 20, students tackle more difficult themes and techniques used in filmmaking and are challenged to think more critically when working on projects. In the advanced and final course in Film 35 and Animation Studies 30, students will create larger projects in scope that encompass and demonstrate their understanding of the history, techniques and methods studied in the program.





Graphic Design and Photography 10 (5 credits)

Students will be introduced to the Adobe Creative Suite (specifically Photoshop and Illustrator) through a variety of design projects spanning illustration, marketing, and character creation. They will be exposed to equipment such as Wacom drawing tablets and printmaking processes like t-shirt pressing, woodblock printing, magnet making and glass etching. In photography, students will be introduced to classic composition lessons as well as contemporary editing techniques, evaluating the difference between simply and snapshot and a photograph. In addition, exploring pinhole photography and processing prints in a darkroom, they will be provided with opportunities to experience traditional photo making and taking techniques.



Graphic Design and Photography 20, 30 (5-7 credits)

In the intermediate level of the course, students begin to dive deeper into design techniques and concepts; layer masking and integration between the various software to name a few. We'll introduce them to InDesign and Layout development as it is seen online and in print. In photography, students will get their first thorough introduction to studio photography using our Elinchrom lighting studio in addition to being provided the opportunity to now shoot film and develop it in the darkroom. Modules are designed to challenge students technically while foster a growth of the student's creativity and design sense.



Complementary Academic Courses

Social Sciences: Applied Sociology 30, Psychology 30 (3 credits each)

English Language Arts: Journalism, Podcasting 10, 20, 30 (5 credit)

This course is Journalism for our 21st Century learners. With podcasting, journalists have an opportunity to tell a story via audio media and reach a new and growing world of listeners. This podcasting course will provide students with opportunities to explore and create original podcasts for a public audience. Students will examine the content and conventions of podcasting to create their own. The emphasis will be on student-created podcasts that are challenging, engaging, and relevant to the school community. Students will develop and refine their abilities to use technology effectively to communicate with public audiences in a 21st century context. Students will receive credit for Journalism 15/25/35. No prerequisite for 15. Prerequisite for 25 is 15; prerequisite for 35 is 25.



Math 10-3/10C Preparation (5 credits)

This course is designed for students who intend to take Math 10C and have been challenged by Algebra and Problem Solving in Mathematics 9. The course covers all of the Mathematics 10-3 content and builds on foundational Mathematics 9 concepts. This course will be offered in the first semester only, space permitting. Students who register for this course will be expected to register in Mathematics 10C, which they will take in the second semester. Successful students will earn credits in the Alberta Education course Mathematics 10-3.





Science: Crime & Space Science (Forensic Science 25 & Astronomy 15) (3 credits each)

Forensic Science 25 is the study and use of basic scientific concepts and technologies related to solving crime in society. Learning will begin by acquiring of the knowledge of basic scientific concepts (involving chemistry, physics and biology), and applying them in laboratory situations, internet assignments, and case studies. Forensic Science 25 involves hands-on activities, labs and in-class work and assessments.

The purpose of Astronomy 15 is to provide extended opportunities for students to deepen their understanding of astronomical principles beyond Science 9. Throughout the course, students will enhance their scientific literacy and numeracy through the application of active observation and documentation skills (diagrams, sketches, field notes) of various celestial bodies visible in the day-time and night-time skies.



Astronomy 25/35 (3 credits each)

In Astronomy 25/35, students will develop an understanding of Astronomy beyond the basics that students acquire in Astronomy 15. While inundated with space and astronomy in modern media, many students remain unaware that the sky is constantly changing above them. Using a variety of astronomical tools such as telescopes, binoculars, and lenses students in the Astronomy sequence will experience first-hand observations that foster foundational understandings.

Field experience will offer practical application to observe and document the various objects visible in the day and night skies. Students will further use their field experience observations to develop and reinforce the learning outcomes within in this course sequence.



Second Languages: French 10, 20, 30, 31A and Spanish 10, 20, 30 Both languages are offered in the regular program and IB programme.

Intercultural Studies 15, 25 (3 credits each)

Through an Indigenous lens, Intercultural Studies is designed to focus on local indigenous ways of knowing, and intercultural skills such as adaptation, communication, practical skills, and relationship building. The curricular outcomes of this locally developed course will be measured through participation with "Brave Dogs Clan (HON)", a YMCA program that is facilitated at only four High Schools in Calgary, including Henry Wise Wood High School. This course is delivered once a week, and occurs outside of the time-table (during Wise Time & lunch), so students can have full schedules while participating in Brave Dogs Clan (HON). The program lasts September to June and includes a small number of off-site excursions related to the program. All costs (for provided food, field trips, facilitators) are sponsored so no fees are charged to students/families. This program is available to indigenous and non-indigenous students who want to learn about, and be connected to, the traditions that have been practiced in Treaty 7 Territory for thousands of years.



English as a Second Language

The goal of ESL classes is to prepare students whose first language is not English for mainstream education and to increase their understanding of Canadian culture. Henry Wise Wood has an extensive ESL program that offers beginners to advanced language learners the required support. The span of ESL support ranges from ESL classes to full integration in both academic and complementary courses.



International Certificate

The International Certificate is a way of recognizing and valuing the significant contributing work and experiences of an international nature that students have accomplished throughout their CBE journey. Students work towards this certificate over the course of high school. The certificate is awarded in Grade 12.

Off-Campus Education

Off-Campus Education helps guide students to make informed decisions about their work, and/or post-secondary education by providing work-based (job site) training – as well as acquiring lifelong skills while earning high school credits.

Within the Off-Campus Education Program, there are a variety of exciting courses to choose from including:

- **Work Experience** – Placements can occur on-campus working as Teacher Assistants or Off-Campus working in a multitude of occupational areas.
- **Registered Apprenticeship Program (RAP)** – Allows students to learn a trade while working toward their high school diploma.
- **Job Shadowing** – An opportunity to observe (“shadow”) someone performing their job.
- **Unique Opportunities** – The CBE partners with a variety of businesses and non-profit organizations to offer unique opportunities that combine learning with career experiences.
 - **Exploratory** (introduction to various career pathways)
 - **Dual Credit** (earn high school and post-secondary credits or industry credentials at the same time)
 - **Internships** (provides in-depth career experiences while earning high school credits)
 - **Multi-disciplinary** may involve several disciplines or pathways. See your Off-Campus Teacher/Coordinator for more details.

www.cbe.ab.ca/unique-opportunities



Come learn with us!

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Student Services

Learning Centre

The Learning Centre is a supportive learning environment that serves the entire Henry Wise Wood High School community.

Student Success Centre teachers offer accommodation services to those students who qualify. Study skills, test writing and academic coaching is readily available. Students are provided with strategies, tips and resources to improve their learning and self-advocacy skills to optimize their learning potential.

Counselling

Our counsellors can help students with course planning and scheduling, personal concerns, career planning, document evaluations (out of province or out of country), as well as exploring post-secondary opportunities and scholarship information.



Calgary Board
of Education

Henry Wise Wood
High School