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WELCOME TO BELLEROSE!

This registration guide is designed to assist you in exploring the rich and varied programs offered at BCHS. Additional information can be found on our website at bchs.spschools.org, or by calling the school at 780.460.8490. We invite you to be part of our school community—one with spirit and opportunities for leadership and academic excellence. Consider Bellerose Composite High School as your high school of choice.

MESSAGE FROM THE PRINCIPAL

It is with great pleasure that I extend a warm welcome to you, our next generation of Bulldogs, as you begin your exciting journey at our school.

Being a member of the Bulldog community involves, among other things, a willingness to persevere, to work hard and to be critical, creative, caring and independent thinkers. It is about having spirit and showing commitment. Being a Bulldog is also about sharing in and building pride in our school. We encourage you to join us for a high school experience that is unique to you and where you can be your best. We are here to help you meet your needs as a student and as a young person facing the challenges and satisfactions of a busy and changing world. To help you with that prospect, we believe in flexibility. You will see this through our timetabling and our Flex Block, but there are many other opportunities for you to enhance your high school experience here at Bellerose. As you learn more about our school, you will see that Bellerose is a place for you to succeed and grow. Our dedicated staff is committed to supporting each of you in every aspect of your high school experience.

Welcome…to our proud Bulldog family!

Jyoti Mangat, Principal
The BCHS Philosophy

Bellerose Composite High School provides opportunities for students to prepare for future endeavours and life-long learning. We strive for excellence. Our environment is caring, cooperative, innovative, and sensitive to the needs and interests of students, staff and parents.

Bellerose Composite High School offers both school and community-based educational opportunities in order to keep pace with an ever-changing world.

We encourage our students to be individuals who:

- Have pride in their school
- Have a high level of self-esteem and are capable of influencing their own destinies
- Have effective communication skills
- Are creative, critical thinkers and problem-solvers
- Are responsible citizens with compassion and respect for others.

At Bellerose we are grateful to be situated on land gifted to us by the Bellerose family (the original Bellerose school is located at Fort Edmonton Park). We acknowledge that we are on Treaty 6 territory and on the home lands of the Métis Nation, and we acknowledge all indigenous people who have walked these lands for centuries. Bellerose Composite High School is proud to be a UNESCO Candidate school.
Why Bellerose?

From Musical Theatre to Athletics, from Inclusive Education to the International Baccalaureate Programme—at BCHS we want to help you to achieve all your goals!

Awards Ceremonies

Each fall we recognize our students for academic honours, achievement in Fine Arts, Career and Technology Studies, and for excellence in specific programs. Students are also recognized and honoured for leadership, community service, and humanitarianism.

In June each year we recognize our students for their participation, achievement and leadership on school teams, and for service to the school and the community at large during the current school year. Students who participate in the Bulldog Athletic program during all three years of high school earn the prestigious “B” letter sweater.

Bulldog Athletics

We have over 12 different sports and 30 different teams, including badminton, basketball, cheer, cross country, curling, football, golf, rugby, soccer, track & field, volleyball, and wrestling. With coaching staff who are qualified at the Provincial and National levels, a state-of-the-art Fitness Centre, and an athletic therapy and Sports Medicine lab, it’s no wonder we routinely win the City and Provincial Championships! Join us for a tradition of excellence in the pursuit of athletic achievement.

Bellerose Bikeathon

Bikeathon is a defining tradition at Bellerose; over 16 years, our students, staff and community members have raised over $2,500,000 for cancer research, treatment and care. This nationally-recognized student event provides an extraordinary opportunity for students to learn about volunteerism, citizenship and making an important difference in the lives of others.

Fine Arts Program at BCHS

Ingenuity, creative thinking, imagination and personal expression: these are the cornerstones to the Fine Arts program, and are skills that students will learn here and carry forward throughout their lives. The Fine Arts programs at Bellerose will give students the insight to live as an artist does: with passion!

Health & Wellness

At Bellerose, we care about the health and wellness of our students and staff. We have counsellors available to provide counselling for students (personal, educational and career), and a wealth of fitness activities to be involved in—both extra-curricular (like CrossFit Club and before-school Yoga) and curricular (such as Personal Fitness, CrossFit®, Yoga, CALM/PE combo, and Summer School HeLa Camp)!
International Baccalaureate (IB) Programme

The IB Programme is about preparing students for success beyond high school—particularly university. While many students enter university, not all graduate. IB students demonstrate a greater ability to complete degree programs and report a higher satisfaction with their learning experiences than non-IB students.

RAP & Work Experience

The Registered Apprenticeship Program (RAP) is a modified apprenticeship program that permits a high school student to complete a high school diploma while starting a trade-specific career. The Work Experience program consists of placing students in work stations within the community, allowing them to earn money and high school credits!

Specialised Learning Opportunities

The Inclusive Education Team at Bellerose is committed to providing responsible, inclusive programming. Students graduating from our programs will have had every opportunity to reach their greatest level of academic ability, independence in accessing community services, and developing meaningful skill sets. With GOALS, BELL, and K&E, we offer student-focused programming to meet each individual student’s needs, and programs may be blended to offer our students a truly individualized experience.

Student Council

Bellerose Student Council is a pillar of Bulldog Pride. The Council works collaboratively within the Student Activities department to create excellence for the whole school community. They are the heart of BCHS, coordinating all aspects of student life and ensuring that your high school experience is engaging and meaningful. We want you to be a part of the Bulldog family! Some of the ways you can get involved include Athletic Council, Bikeathon, Bulldog Recognition Program, Community Wellness, Grad Council, Leadership, Social Events and Open House, and Yearbook Committee!
General Information

Attendance

Regular and punctual attendance is expected of all students, and has a direct relationship to success. The school will support the efforts of parents and students in establishing positive attendance habits. An automated phone system contacts the home between 6.00-9.00 pm daily when a student has missed a class. If you are not aware of the absence, you are encouraged to speak to your son/daughter and contact the school (with your student’s ID number) if you would like follow-up action. Parents/guardians are requested to notify the school to report all absences. Messages can be left with Reception at any time, either with email at br.absences@spschools.org or by voicemail.

Communication

Check out the BCHS website to find lots of information, including a complete calendar of events for the school year. Newsletters, exam schedules, bell schedules, and much more are posted online. The Bellerose Bulletin newsletter is distributed monthly by email. These bulletins cover school information and activities, and they highlight the next month’s calendar. You can also follow us on Twitter and Facebook.

Computer Technology

Our computing network consists of approximately 250 computers available to students, along with equipment such as scanners, digital cameras and printers (available for use in school assignments). Classrooms are equipped with SmartBoards attached to computers, allowing for the increased use of visual teaching tools. Access to school and District computer facilities is a privilege. The facilities are to be used for curriculum-related purposes only. We monitor the network, individual computers and individual students for inappropriate use. Privileges will be suspended if the Acceptable Use guide is broken. Bellerose provides each student with a Gmail Account for their use.
Course Changes & Withdrawals

Course changes must be made during scheduled hours prior to the first day of classes for the semester. Students are expected to demonstrate a commitment to the program of studies they have chosen by completing the courses they register in. A student who is considering withdrawing from a course MUST see a Counsellor or Administrator to discuss the choice and then complete all steps set out for a formal withdrawal from a course.

Library Facilities

The BCHS Library has a large selection of reference and reading materials. There are also PCs, laptops, and Chromebooks, all with internet access, available for use in research and in completing assignments. The Library is also the place to receive and return textbooks.

School Fees

School fees will be available for viewing and payment on PowerSchool from early October. We encourage you to pay your school fees via Visa or Mastercard by logging into the PowerSchool ParentPortal and clicking “School Fees”. Payments are also accepted in the Office via cash, and cheque. Fee payment deadline is November 30th. Please check the course descriptions contained within this guidebook for specialized course fees (fee information is subject to change). Yearbooks can also be ordered via the ParentPortal.

Study Periods

Students are expected to be in scheduled classes. However, due to individual student needs and the structure of the school timetable, some schedules are issued with study periods. Students not in scheduled classes are expected to respect the learning environment of other students, and are to be in the Library or Cafeteria, working on class-related activities, or be off-campus until their next scheduled class.
Student Services

Student Services is committed to supporting student wellness, providing educational supports, helping students to reach their potential, and being part of building a healthy school community during their time at Bellerose. Student Services has an open-door policy that encourages students to drop in when needed, and appointments can be made by calling 780.460.8460 ext 121.

Student Centre

The Student Centre is a space that is open to students from 7.30 am to 3.15 pm each day. There is a counsellor available for students to access the following:

- **Career Counselling:** Looking at potential career possibilities, job trends, resume building.
- **Educational Counselling:** academic support, school transitions, course selection, study skills, learning strategies, exam-taking tips, high school course planning, myPass information.
- **Post-Secondary Counselling:** admission requirements, potential post-secondary programs, assistance with applications and Apply Alberta, information on scholarships.
- **Self-Regulation strategies, mental health and wellness information, community supports.**

We endeavour to provide our students with an accessible, inclusive, and universally designed environment at BCHS. Students with documented specialised learning needs are connected to the resources and supports needed to achieve their full academic potential in the Student Centre. Core services include, but are not limited to, the following:

- Peer note taker or use of a note taking device (e.g., laptop)
- Use of an assistive listening device to amplify volume of speaker’s voice
- Preferential seating for exams (e.g., quiet space, or isolation)
- Access to alternate formats of handout materials and exams (e.g., audio)
- Educational assistants to facilitate access to technology, visual materials, or academic coaching
myBlueprint Education Planner:

myBlueprint is a powerful career and post-secondary planning tool. By inputting their Alberta Student Number (ASN), a student’s courses are added to the high school planner, and students are able to see which College, University, Apprenticeship programs and work sector options they are eligible to pursue—including information about entrance requirements, salary, career outlook and personal accountability.

myPass:

myPass is an Alberta Education self-service website current and former students can use to see their marks and credits, view Diploma marks and register for Diploma exam re-writes, view progress towards a credential, and order copies of their awarded transcripts and credentials.

Scholarships:

A variety of scholarships, bursaries, and contests are listed on the Bellerose website. It is worth becoming familiar with the different scholarships as there are thousands of dollars each year that go unused!

Make a High School Game Plan

Think of high school as six semesters rather than three years (eight 5-credit courses makes a full schedule). Grade 10 students usually take two core classes in each semester, and fill the rest with electives (and may not have spares). Explore a wide range of electives! In high school, you pass courses, not Grades.

Alberta Education Diploma Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits (Minimum)</th>
<th>Required Course (Minimum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts</td>
<td></td>
<td>ELA 30-1 or 30-2</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td>Social 30-1 or 30-2</td>
</tr>
<tr>
<td>Additional Grade 12 Credits</td>
<td>10</td>
<td>30 level courses &amp;/or CTS 3000 level courses, other than ELA or Social</td>
</tr>
<tr>
<td>Physical Education</td>
<td>3</td>
<td>Physical Education 10</td>
</tr>
<tr>
<td>Career &amp; Life Management</td>
<td>3</td>
<td>CALM 20</td>
</tr>
<tr>
<td>Math</td>
<td></td>
<td>Math 20-1 or 20-2 or 20-3</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20</td>
</tr>
<tr>
<td>Other</td>
<td>10</td>
<td>CTS, Fine Arts, Second Language, Phys Ed 20 &amp;/or 30</td>
</tr>
</tbody>
</table>

Minimum of 100 Total Credits

*Note: Students must be able to fulfill the Alberta Diploma requirements, as above, to qualify for participation in Bellerose graduation activities. A high school diploma does not necessarily grant admission to post-secondary institutions.*
REGISTRATION

If you have any registration questions or concerns, you can book an appointment for personalized registration help with a Counsellor or an Administrator.

Incoming Gr 10 Students (Current Gr 9 Students)

- **St. Albert Public Schools Junior High Students:** The registration process for incoming students begins in February with evening information sessions for parents and in-school sessions for students at their home schools.
- **Students from outside the District or new to St. Albert:** Contact the school at 780.460.8490 to book an appointment with one of our Counsellors to initiate pre-registration and course selection for the 2019-2020 school year.
- **Registration Help Sessions:** Small Group Sessions for current Grade 9 students will be held on March 13th and 18th at 7.00 pm. You can also contact Student Services for more information.
- **Specialised Learning Opportunities:** All questions about GOALS, BELL, or K & E should be directed to **Mrs. Renee Miller**.
- **IB Grade 10i Preparatory Program Group Sessions:** MANDATORY for parents and students considering application into the IB Programme for the Grade 10 year, these sessions (generally one hour in length) will be held on March 11th and 13th. Additional information and session sign-up will be available at Open House on March 7th, or by contacting the IB Coordinator, **Mr. Clayton Beebe**.

Currently Enrolled Students

- **Pre-Registration Planning Sessions** will take place in April. Students will be expected to take planning session information home to share with parents in preparation for course selections in April.
- **Information regarding 3-Year Planning & Course Selections** will be included in the [Bellerose Bulletin newsletter](#). Students will make Course Selections in April. Students will be required to use final and mid-term marks to meet course requirements and prerequisite standards when selecting courses for next year. Current Grade 12 students who are considering a return in 2019-2020 are required to book an appointment with the Principal, prior to Spring Break.
- **Pre-registration and program planning for students in the 10i and IB Programme** will be held during class sessions with IB Coordinator Mr. Clayton Beebe in April.
STUDENT LIFE

At Bellerose, we are committed to recognizing and celebrating student participation, leadership, and achievement in citizenship, the arts, athletics, and academics.

Bulldog pride can be felt in every aspect of student life at Bellerose. The connections you make with your fellow Bulldogs through your participation in the clubs, teams and activities will be some of the longest-lasting memories of your high school years, so get involved! We believe there is an opportunity for every student to be successful in extra-curricular activities at BCHS.

Here is a sampling of what you can do:

- 48-Hour Bikeathon
- Activity Weeks
- Athletic Council
- Band Dances & Concerts
- Booster Club
- Cappies Journalism
- Community Outreach Program
- CrossFit Club
- Cupcake Festival
- Dodgeball Tournament
- Fine Arts Profile Nights
- Free Thinkers Club
- Grad Council
- Interact
- Intramurals
- Musical Theatre Production
- Obelisk Film Festival
- Queer-Straight Alliance (QSA)
- Reach for the Top
- Recycling Club
- Robotics Club
- Ski & Snowboard Club
- Slam Poetry Club
- Student Council
- Student Mentorship Program
- Terry Fox Run
- Yearbook Club

…and many more!
CAREER DIRECTIONS

WORK EXPERIENCE 15, 25, 35

Up to 30 Credits, 15 of which may be used toward your Diploma

The Work Experience Program consists of placing students in work stations within the community. The purpose of this activity is to familiarize students with the world of work, give them the opportunity to explore careers, and open up opportunities for either apprenticeship programs or permanent placement. Supervision and evaluation are done by both the Work Experience Coordinator and the Work Station Supervisor. Students may enter this program pre-employed (with a current job) or consult with the Work Experience Coordinator to obtain employment. This course offers an excellent opportunity to experience what a career would be like without waiting to obtain required prerequisites outside of school. Since this course is a cooperative effort between the school and community, there is an expectation for students to maintain a good work ethic and mature level of responsibility. If you currently hold a part-time job, you are strongly encouraged to register for this course.

Prerequisite: HCS 3000 must be completed before credits are issued; it is strongly advised to be taken prior to enrollment.

The following conditions apply for all off-campus education:

It is recommended that all students complete HCS 3000 for credit upon entry into Grade 10. Registration is via an Administrator, Counsellor, or the Off-Campus Coordinator. Students can use credits from Work Experience 35 to satisfy some graduation requirements. The minimum expectation is 75 hours (3 credits) worked to a maximum of 750 hours (30 credits) throughout high school (25 hours is required per credit). The choice of the Work Experience activity is the responsibility of the student, with parental approval. The Work Experience Coordinator is responsible for overseeing proper placement of students. This course relies heavily on independent student work, and students choosing to enroll in this course should be prepared to conduct themselves in a responsible manner, to secure employment, and to put in hours to earn credits. In some cases, students may be required to have certain academic subjects before placement into work sites which recommend completion of specific courses (e.g. to work in a Veterinary/Health Internship, students should have a background in high school science courses).

REGISTERED APPRENTICESHIP PROGRAM (RAP)

Up to 40 Credits for 1,000 hours of work, while being paid

RAP is a modified apprenticeship program that permits a high school student to register as an apprentice while attending high school; a RAP student is able to complete a high school diploma while starting a trade-specific career. This program offers an enriched high school education and provides an opportunity to learn the skills that industry needs and to earn as you learn valuable skills in one of many trades. This opportunity is open to all grade levels though Grades 11 and 12 are recommended. As this is a time-intensive course, early planning is of great benefit. It is advised that all students with an interest in the trades complete the required career investigation paperwork upon entry into high school to better prepare for their journey. This can be done virtually independently, with consultation from the RAP Coordinator.
Career & Life Management (CALM) 20

3 Credits

The aim of Career and Life Management (CALM) is to enable students to make well-informed, considered decisions and choices in all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future. Units include Personal and Interpersonal Relationships, Financial Management, and Career Planning. Successful completion of CALM 20 is a requirement for an Alberta Education Diploma and for Bellerose Graduation.

Dual Credit

Dual Credit is an authorised Alberta Education program that allows students to obtain secondary and post-secondary credits while still in high school. Currently, Bellerose is exploring opportunities that would support the diversity of our population and cater to students who aspire to complete advanced education while still attending Bellerose. To many, dual credit can be perceived as getting a jump start on their post-secondary pursuits, while other may see it as a way to explore courses they may not normally take. Students are encouraged to explore and take risks, and can do so with no fiscal investment (compared to that of a normal post-secondary course).

Courses will be offered by a post-secondary sessional instructor with the support of a Bellerose teacher, and will be hosted at Bellerose one evening a week for the full calendar year. Successful completion of the courses will result in CTS credits being issued at the secondary level, and course credits being issued at the post-secondary level with an accompanying post-secondary transcript.

Dual Credit Psychology 1040 (Introduction to Psychology) & Psychology 1050 (Psychology Foundations)

5 Credits per course

Students interested in taking Psychology 1040 or Psychology 1050 are encouraged to register for Dual Credit. Other dual credit opportunities may come available throughout the school year. For additional information, students are encouraged to contact Mr. Turnham or a School Administrator.

Prerequisite: English 20-1 or 20-2,
SPECIALISED LEARNING OPPORTUNITIES

The Inclusive Education Team at Bellerose Composite High School is committed to providing responsible, inclusive programming. Our students are provided with an opportunity to maximize their education within both our school community, and the city of St. Albert. Students graduating from our programs will have had every opportunity to reach their greatest level of academic ability, independence in accessing community services, and developing meaningful skill sets.

BCHS offers two strands of student focused programming to meet each individual student’s needs: Gaining Occupational & Life Skills (GOALS) and Beyond Education, Living & Learning (BELL). Our students may participate in one or more strands of programming. Programs may be blended to offer our students a truly individualized experience.

GOALS (GAINING OCCUPATIONAL & LIFE SKILLS)

The GOALS Program is individualized to support each student’s needs and maximize his or her strengths. School staff will work in partnership with students and families to ensure successful student-focused planning. Inclusive-minded programming focuses on students being engaged and connected to their school and community. Structure: Academics (Literacy and Numeracy), Engagement (self-awareness and building relationships), Wellness (guiding choices to ensure a healthy lifestyle), Community Structure (work experience), and Volunteering (connecting to create a positive community impact).

BELL (BEYOND EDUCATION: LIVING & LEARNING)

The BELL Program is a new program, designed to act as a springboard for returning students (post-Grade 12 graduates) to build the skill sets, opportunities and experiences he or she will need to be prepared for a successful transition into adult life.

TRANSITIONAL RECOMMENDED YEAR (TRY 10)

The TRY 10 Program is for students who require academic support, need extra one-on-one help from their teachers (i.e. organizational and time management strategies), and have an overall academic need (not just one subject area). Students will be accepted into the program based upon referral from their junior high teachers/counsellor. TRY 10 will be offered subject to sufficient enrolment. TRY 10 will involve students being placed in a cohort group for their Grade 10 year. They will travel as a cohort to their core classes throughout the year. These classes include English Language Arts 10-2, Social Studies 10-2, Science 14, and Math 10-3. They will be able to choose their own options, but may be limited in their selection based on the restrictions of their core course placements. We are attempt to create smaller class sizes for the program, in order to best support learner needs.
K & E (Knowledge & Employability) Courses

Students who successfully complete the K & E courses earn a High School Certificate of Achievement. They can also enter into RAP or Work Experience for further training in preparation for specific employment opportunities, or they can add an additional six courses and complete their Alberta High School Diploma.

“These courses provide students with opportunities to experience success and become well-prepared for employment, further post-secondary studies, engaged citizenship, and life-long learning. They are intended to maximize opportunities for student success and to support high school completion. Knowledge and Employability courses assist students in: transitioning from school to the workplace and community, preparing for ethical citizenship, gaining recognition, respect, and value from employers, attaining access to continuing education opportunities”. Alberta Education 2016 (http://www.learnalberta.ca/content/kes/pdf/or_ws_admin_01_infomanual.pdf)

The requirements indicated in this chart are the minimum requirements for a K & E student to attain a Certificate of High School Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

| 80 credits including the following:              | Career and Life Management 20 [3 credits] |
|                                               | English Language Arts 20-2 or 30-4          |
|                                               | Mathematics 20-4                            |
|                                               | Physical Education 10 [3 credits]           |
|                                               | Science 20-4                               |
|                                               | Social Studies 20-4                         |
| 5 credits in:                                  | 30-level Knowledge & Employability Occupational Course, or |
|                                               | 30-level Career & Technology Studies (CTS), or |
| AND 5 credits in:                              | 30-level Locally Developed Course with an Occupational focus |
| 5 credits in:                                  | 30-level Knowledge & Employability Workplace Practicum Course, or |
|                                               | 30-level Work Experience Course, or         |
| OR 5 credits in:                               | 30-level Green Certificate Course            |
|                                               | 30-level Registered Apprenticeship Program (RAP) Course |
The prerequisites for IB courses are generally non-academic. To be eligible to enroll in most IB courses, you must either be, or strive to be, the following: Inquirer, Knowledgeable, Thinker, Principled, Communicator, Open-minded, Caring, Risk-taker, Balanced, Reflective.

<table>
<thead>
<tr>
<th>What do you want?</th>
<th>What should you take?</th>
</tr>
</thead>
<tbody>
<tr>
<td>“I want to excel in University.”</td>
<td>Grade 10: Enrol in the full 10i programme.</td>
</tr>
<tr>
<td>Grade 11: Enrol in the full IB Diploma programme.</td>
<td></td>
</tr>
<tr>
<td>“I want an enriched program for the courses I like the most.”</td>
<td>Grade 10: Select either Math/Science 10i or English/Social 10i.</td>
</tr>
<tr>
<td>Grade 11: Enrol in the corresponding IB courses.</td>
<td></td>
</tr>
</tbody>
</table>

Students and parents interested in the IB Programme should consider attending an IB information Session on either March 11th or 13th. Please contact Clayton Beebe (IB Coordinator) for more information.

IB Courses offered at Bellerose:

- Biology HL
- Chemistry SL
- Computer Science SL
- Extended Essay
- French B SL
- History HL
- Literature HL
- Mathematics SL
- Mentorship
- Spanish Ab Initio SL
- Theory of Knowledge
- Visual Art SL

For more comprehensive information on any of the courses listed on the following pages, please refer to the IB Booklet.
**ENGLISH 10i**

5 Credits (for English Language Arts 10-1)

English Language Arts 10i is a full-year course taken concurrently with Social Studies 10i and IB Mentorship.

Recommended Prerequisite: Honours in Grade 9 English.

**FRENCH 10i**

5 Credits (for French 10)

A stronger focus on language skills than in French 10.

Recommended Prerequisite: Grade 9 French in a 6-year program.

**IB MENTORSHIP**

2 Credits

This course involves an introduction to the Team Mentoring Project, a partnership with the Boys and Girls Club Big Brothers and Big Sisters, and is a component of both English 10i and Social Studies 10i. Many of the activities required for the Mentoring Project have a direct relationship to the English curriculum, and the interaction with students of other nationalities and cultures enhances the global perspective examined in Social Studies.

Recommended Prerequisite: Honours in Grade 9 Science.

**SPANISH 10i**

5 Credits (for Spanish 10)

No Spanish experience necessary.

Recommended Prerequisite: None.

**SCIENCE 10i**

5 Credits (for Science 10)

Science 10i is a semestred course similar to Science 10, but at a faster pace. Regular Alberta curriculum is presented in Biology, Chemistry and Physics, with a core focus on Energy, Matter and Change. Additional skills are enhanced, such as those involved in lab activities, lab writing, data analysis, and project work.

Recommended Prerequisite: Honours in Grade 9 Science.

**SOCIAL STUDIES 10i**

5 Credits (for Social Studies 10-1)

Social Studies 10i is a full-year course taken concurrently with English Language Arts and IB Mentorship.

Recommended Prerequisite: Honours in Grade 9 Social Studies.

**MATHEMATICS 10C & 20-1i**

5 Credits per course (for Mathematics 10C & Mathematics 20-1)

Courses move slightly faster than normal to accommodate an extra unit at the end of each course. For more information on Math courses, please see page 34.

Recommended Prerequisite: Honours in Grade 9 Math.
Biology HL Years 1 & 2

5 Credits per course (for Biology 20 & Biology 30)

Students participate in a group project after Spring Break in Year 1 and then begin an independent laboratory investigation (completed early in Year 2). The Biology IB Exams are written in May and the Biology 30 Provincial Diploma Exam is written in June.

Prerequisite: Science 10i for Biology HL Y1 + Biology 35IB; Biology HL Y1 + Biology 35IB for Biology HL Y2.

Biology 35IB

3 Credits

This course is taken concurrently with Biology HL Year 1 in Semester 2.

Recommended Prerequisite: History HL Year 1.

Chemistry SL Years 1 & 2

5 Credits per course (for Chemistry 20 & Chemistry 30)

Students participate in a group project after Spring Break in Year 1 and then begin an independent laboratory investigation (completed early in Year 2). The Chemistry IB Exams are written in May and the Chemistry 30 Provincial Diploma Exam is written in June.

Prerequisite: Science 10i for Chemistry SL Y1; Chemistry SL Y1 for Chemistry SL Y2.

Computer Science SL Years 1 & 2

5 Credits (for Computer Science 20)

Students can opt to complete a set of alternative assessments in Computer Science Year 2 to earn credit for IB Computer Science SL. Please see page 47 for a complete course description.

Prerequisite: Computer Science 10.

Extended Essay 25 & 35

3 Credits per course

Students write a University-level research paper on a topic of their choosing (with the guidance of a teacher-supervisor). The 4000-word essay is mandatory for IB Diploma candidates. Students start the essay in Grade 11 and finish it in Grade 12.

Prerequisite: None.

French B SL Years 1 & 2

5 Credits per course (for French 20 & French 30)

By the end of French B SL Year 2, students will have written a short essay in French (~500 words) and completed several short oral presentations. Completion of French B SL Year 2 will equip students with advanced-intermediate skills and the ability to begin post-secondary language study at the 200-level.

Prerequisite: French 10. Recommended Prerequisite: French 10i.

History HL Years 1 & 2

5 Credits (for Social Studies 20-1 & Social Studies 30-1)

History HL and World History encompass the IB and Alberta curricula. Students complete an independent historical investigation (~2000 words) in Year 1. Students in History HL Year 2 will write the Social Studies 30-1 Alberta Provincial Diploma Exam in June.

Prerequisite: Social Studies 10-1. Recommended Prerequisite: Social Studies 10i.

World History

3 Credits

This is an extension of the History HL curriculum; taken concurrently with History HL Year 2 in Semester 1.

Recommended Prerequisite: History HL Year 1
**LITERATURE HL YEARS 1 & 2**

*5 Credits (for English Language Arts 20-1 & English Language Arts 30-1)*

Literature HL and Works in Translation encompass the IB and Alberta curricula. IB requires that students give two individual presentations and a written assignment during their two-year course of study. The IB exams for Language A Literature Year 2 will be written in May of Year 2, and students will write the ELA 30-1 Alberta Provincial Diploma examination in June.

*Prerequisite: English Language Arts 10-1. Recommended Prerequisite: English 10i.*

**WORKS IN TRANSLATION**

*3 Credits*

Taken concurrently with Literature HL Year 1, the texts in this section of the course were originally written in a language other than English.

*Corequisite: Literature HL Year 1*

**MATHEMATICS SL YEARS 1 & 2**

*5 Credits (for Mathematics 30-1 & Mathematics 31)*

Both of these courses are full-year, where students attend class every second day. For Math SL Year 1, the regular Alberta curriculum for Math 30-1 (see page 34) is covered, as well as a unit on Probability Distributions. Students will begin a Mathematical Exploration, a research-type project where students pick a topic of interest, explore it, and write about the mathematics of the topic. Students in Math SL Year 1 will write the Math 30-1 Alberta Provincial Diploma Exam in June. In Math SL Year 2, the Alberta curriculum is covered as well as a unit on Vectors. Once Vectors are completed, preparation intensifies for the IB exams in May, and the Mathematical Exploration research project is completed.

*Prerequisite: Math 20i for Math SL Year 1; Math SL Year 1 for Math SL Year 2*

**SPANISH AB INITIO SL YEARS 1 & 2**

*5 Credits per course (for Spanish 20 & Spanish 30)*

Students focus on speaking and vocabulary acquisition. By the end of Spanish Ab Initio SL Year 2, students will have written a short cultural comparison in Spanish (~350 words) and completed a short oral presentation. Completion of Year 2 permits students to commence their Spanish studies in post-secondary at the 200 level.

*Prerequisite: Spanish 10. Recommended Prerequisite: Spanish 10i.*

**THEORY OF KNOWLEDGE 25 & 35**

*3 Credits per course*

Theory of Knowledge is an interdisciplinary, metacognitive course that explores various Ways of Knowing within different Areas of Knowledge. Students in Year 2 give a short presentation on a topic of their choice and write a 1600-word essay on one of six prescribed topics. These courses are mandatory for IB Diploma candidates.

*Prerequisite: None for Theory of Knowledge 25; TOK 25 is a prerequisite for Theory of Knowledge 35.*

**VISUAL ART SL YEARS 1 & 2**

*5 Credits per course (for Art 20 & Art 30)*

Students explore all forms of Art with a deeper exploration of art history and produce an Art display at the end of Year 2.

*Prerequisite: Art 10.*
## Course Listings (Core Courses)

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
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<tr>
<td>Fight Club 15</td>
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<td>Film Studies 15</td>
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<td>History of Horror Movies 15</td>
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<td>Movies &amp; Music</td>
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## Course Listings (Fine Arts & PE)

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*Audition for Production

**Apply to Instructor

***Apply to RAP Coordinator
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<th>Course Name</th>
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# Course Listings (IB)

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**ENGLISH LANGUAGE ARTS**

English Language Arts at the 30 level is a graduation requirement for all high school students. Students can follow one of two course sequences (illustrated below). Although the content of the courses is similar, the depth of concept development, the sophistication of textual analysis, and the complexity of text creation are more rigorous in the Dash 1 sequence.

![Diagram of course pathways]

In the above diagram, the black arrows denote the typical pathways and preferred transfer points a student follows to progress from course level to course level, with recommended prerequisite grades noted in red. The grey arrows denote potential points from course level to course level.

- **-1 STREAM**

**English 10-1, English 20-1, English 30-1; 5 Credits per course**

This course sequence is designed for students with a strong aptitude for both reading and writing. Students must become more and more independent and be willing to rigorously develop the skills associated with critical thinking, expression of ideas in writing and speech, and personal meaning-making in response to literature. Over the three course levels in the -1 stream, students will develop their critical/analytical writing, reading, listening, speaking, viewing, representing, and metacognitive skills. Students can expect that, with each course level, the thematic and structural complexity and sophistication of both the content of the literature studied and the expression and quality of their own ideas and writing will increase significantly. This sequence of courses will provide students with the skills required for entry into post-secondary programs including, but not exclusive to, the Arts, Education, Science, Business, and Engineering faculties. At the end of English Language Arts 30-1, students must write a Provincial Diploma examination.

*Prerequisite: 60% or higher in English Language Arts 9.*
-2 Stream

English 10-2, English 20-2, English 30-2; 5 Credits per course

This course sequence is designed for students who are capable English Language Arts students willing to show the effort and skill development required for success. Students must become independent and competent readers and writers as they move upward through the course levels, with guided in-class reading and writing opportunities. Students will be required to learn the technical skills associated with reading with a focus on character context, viewing (the use of visual techniques in narratives), and writing practical, personal, persuasive, and analytical forms. If a student is looking toward entering technical programs, the trades, or other college level programs, the -2 course sequence is an appropriate choice. To complete English Language Arts 30-2, students must write a Provincial Diploma examination.

*Recommended Prerequisite: 50-64% in English Language Arts 9.*

Fight Club 15

5 Credits

Are you ready to rumble? This course is all about discourse. Almost every class will bring with it a new topic to discuss, debate, and dive into. Marvel vs DC? Capitalism vs Socialism? Alcohol vs Weed? Does religion make a society better or worse? We'll take it all on. With a focus on critical thinking and listening, we will chose which topics to research, learn how to weaponise rhetoric and punctuation, and be more persuasive speakers. Listen. Argue. Learn. Drink tea. Eat popcorn. Repeat.

*Recommended Prerequisite: 65% or higher in English Language Arts 9, or Grade 10 English.*

Film Studies 15

5 Credits

Film Studies 15 is a course that concentrates on the critical analysis of film and film history. The goal of this course is to help students understand how filmmakers structure their work to communicate ideas and feelings to an audience and the differences in filmmaking between different genres and between different directors. The skill set required to analyze film is very similar to that required to analyze the traditional mediums of novels, plays, poems, etc. This course aims to develop both analytical skills and appreciation of film. We will choose a new release to do a review on in the theatres. So that’s cool.

*Recommended Prerequisite: 65% or higher in English Language Arts 9, or Grade 10 English.*

Please be aware that Film Studies and Movies & Music have overlapping coursework. Students should register in only one of these pathways.
HISTORY OF HORROR MOVIES 15

5 Credits

How do horror movies work to manipulate us and scare our pants off? How do they so often reflect the social anxieties of their times? And what makes ghosts, psychos, and zombies so darn adorable? Find out when you sign up for this fun, fascinating, and horrifying course!

MOVIES & MUSIC

6 Credits

Movies: This course is a condensed version of Film Studies 15, which focuses on how to analyze film, and the appreciation of film and film history. We will look at a variety of genres and directors and examine many of the different tools directors have at their fingertips and how filmmaking can be uniquely personal. Students will also get to dissect some of their favourite films and directors. Music: The intent of this course is to foster an appreciation of multiple genres of North American popular music, and to acquire a perspective of the history and evolution of popular music in North America over the past century. Students will be exposed to music that may be outside of their experience (K-Pop! Acid Jazz! Speed Metal!), and will be challenged to explore the influences that contributed to the evolution of styles of music and the music industry itself.

FINE ARTS & MODERN LANGUAGES

Successful completion of 30-level International Languages meets the admission requirements established by most universities.

French Challenge: The challenge process is designed for students who have already mastered the elements of the course and do not need to attend the class. Students from a Francophone or Grade 9 French Immersion background may wish to demonstrate their competency at French 10, 20, and/or 30. The opportunity to challenge will happen twice per year (once per semester). Interested students will meet the teacher, prepare and submit a portfolio, and then take a four-part exam in either January or June. The exams will test reading, writing, speaking, and listening skills. Students may challenge one level per semester, and a student may not challenge a course in which he/she has been registered during the current semester.

ART 10, 20, 30

5 Credits per course

This course introduces the student to all forms of art, linking modern day visual art to art history. Basic drawing, painting, and sculpture skills will be developed and then used in larger scale and fully-developed projects. Levels 20 and 30 take art skills learned in Art 10 and expand the scope of the student’s experience. Opportunities for in-school and out-of-school installations are available. In-class and home projects are required with emphasis on original work. Specialization of skills with emphasis on portfolio production geared to post-secondary education and employment in the arts. Art 30 is evaluated through projects and presentation of works.

Prerequisite: Some junior high art is preferred, but is not a must for success in this course. Course Fee: $20.00 per course.
ART 31

5 Credits

Independent study and portfolio development are the keys to success in this course. The student is required to choose and develop a full-scale themed set of projects with the intent of an independent art show that will be presented at the end of the school year with all of the Art 31 students.

Recommended Prerequisite: 65% in Art 30. Course Fee: $50.00.

CHORAL MUSIC 10, 20, 30

5 Credits per course

Students will receive instruction in vocal techniques and have the opportunity to perform in a variety of choral ensembles. A wide range of choral music is studied, including Folk, Pop, and Classical SATB (Soprano, Alto, Tenor, Baritone) Literature.

Levels 20 and 30 are a continuation of instruction and performance opportunities developed in the previous levels of Choral Music.

Prerequisite: None.

CREATIVE MUSIC 15, 25, 35

5 Credits per course

This music program is for students interested in making their own music using guitar, piano, or voice. Course work will involve Song Writing, Recording, and Performance, as well as a look at Western Music History and Music Theory. Students will work in groups and individually to create their own music and share it with an audience through opportunities to perform live and to record in our studio. Levels 25 and 35 will continue to build on the skills in the previous levels.

Prerequisite: Student must provide their own guitar.

Instrument rental is available for $55.00, on a first-come, first-served basis.
**Drama 10, 20, 30**

**5 Credits per course**

Drama 10 is an interactive class with a focus on Physical Theatre including mime, mask and comedy. Other areas of exploration included are theatre-sports, movement, speech and character creation. This fun yet structured course builds on the basic skills in each of these sections with a final focus on performance skills. Drama 20 incorporates and builds on the skills of Drama 10, but moves forward into the art of devising and creating scenes. Students will act out short scenes and one-act plays while learning the production process. The understanding of how to utilize the stage and technical theatre components will be introduced. In Drama 30, students will master aspects of play production in addition to developing their technical skills including directing and stage management. The directing of short scenes will be a major focus at this level with students having opportunities to direct full length plays and performing to an audience.

*Prerequisite: None for Drama 10, Drama 10 for Drama 20, Drama 20 for Drama 30.*

**French 10, 20, 30**

**5 Credits per course**

This course is designed for students who have successfully completed Grade 9 French. The language is taught through an action-oriented communicative approach in a cultural context. Topics include Activities, Shopping, Vacations, and Fine Arts. In French 20, language skills are enhanced with activities at an advanced level. Films and music will be used extensively. The emphasis of French 30 is on increased ability to understand and speak French, as well as read and write with accuracy through structured and free composition. The themes of study include World of Work, Travel and Tourism, Media and Conservation, and the Environment. Aspects of the Francophone world will be studied through literary extracts, music and film.

*Recommended Prerequisite: 60% in Grade 9 French., 60% in French 10 or equivalent for French 20, and 60% in French 20 for French 30.*

**Instrumental Jazz 15, 25, 35**

**5 Credits per course**

All students who have had previous experience in trumpet, trombone, saxophone, piano, bass, drums or guitar are encouraged to enrol in Instrumental Jazz 15. Course work will involve the performance of jazz literature and the study of jazz history, theory and improvisation. Instrumental Jazz 15/25/35 is held in conjunction with Vocal Jazz 15/25/35. Levels 25 and 35 will continue to build on the skills developed in the previous levels of Instrumental Jazz.

*Prerequisite: Grade 9 Band or written consent from the Music Department.*
**INSTRUMENTAL MUSIC 10, 20, 30**

**5 Credits per course**

All students who have previous experience on brass, wind, and percussion instruments are encouraged to enrol in Instrumental Music 10. Instruments are available from the school on a rental basis. Course work will involve theory, composition, technical studies, and performance of wind ensemble literature. Levels 20 and 30 will continue to build on the skills developed in the previous levels of Instrumental Music.

*Prerequisite: Grade 9 Band or written consent from the Music Department.*

**MUSICAL THEATRE 15, 25, 35 & ADVANCED ACTING 15, 25, 35**

**5 Credits per course**

These courses will be offered after school (Blocks 6 & 7) and focus on staging the school musical production. Students who cannot include drama in their regular timetable, or who want additional experiences in drama, are welcome.

*Prerequisite: None. Registration occurs after the start of the school year in relation to the production. See Drama/Music teachers or Department Head for additional information.*

**SPANISH 10, 20, 30**

**5 Credits per course**

Spanish 10 is for students who would like to learn Spanish and have no previous experience. The focus is on learning to speak in realistic situations about people, school, activities and celebrations. Students will experience elements of Spanish-speaking cultures. Students of Spanish 20 focus on improving their listening, speaking and writing, focussing on foods, travel, shopping, and health. More advanced grammar and verb structures are learnt while studying the cultures of Spain and Latin America. The coursework is the equivalent of first semester Spanish 100 level at a university in Alberta.

Spanish 30 will offer a more in-depth look into the rich diversity of Spanish-speaking cultures by studying aspects of the arts, music, technology and entertainment. Hobbies, sports and the environment will also be explored. The coursework is the equivalent of second semester Spanish 100 level at a university in Alberta. Completion of Spanish 30 permits students to commence their Spanish studies in university at the 200 level.

*Recommended Prerequisite: None for Spanish 10, 60% in Spanish 10 for Spanish 20, and 60% in Spanish 20 for Spanish 30.*
**TECHNICAL THEATRE 15, 25, 35**

**5 Credits**

Technical theatre explores all aspects of behind the scenes in a theatre production. The class runs after school in line with the musical theatre troupe. The student will be taught, sound, lighting, set and prop building and will work backstage for the large school production. Students will also learn to run the technical end of special events in the school, learning projector skills, sound and lights and working in the recording studio.

*Prerequisite: None. Registration occurs after the start of the school year in relation to the production. See Art teacher or Department Head for additional information.*

**THEATRICAL COSTUMING**

**5 Credits**

Theatrical Makeup and Costuming is for students who are passionate about innovation and get satisfaction from making something tangible out of nothing. If the imaginative potential of written words speaks to you, then this is the course for you. The “Stitch Squad” is responsible for the concept and construction of all the costumes for the Musical Theatre production. If the production requires specialty makeup, the Squad will be trained on the schematics and application of special effects makeup.

This course will be offered after school (Blocks 6 & 7) on Tuesdays, Wednesdays, and Thursdays from September until mid-February. A knowledge of sewing is helpful for Costuming, but not essential; sewing skills will be taught. Depending on the production, various non-sewing jobs are available. Skills covered in the course is dependent on both the needs of the production and the interests of the individual student.

**VOCAL JAZZ 15, 25, 35**

**5 Credits per course**

This course is designed for those choral students looking for a challenge. Prior choral experience or an ability to read music is expected. Opportunities exist for solo and improvisation work within the performance of jazz literature. Vocal Jazz 15/25/35 is held in conjunction with Instrumental Jazz 15/25/35. Levels 25 and 35 will continue to build on the skills developed in the previous levels of Vocal Jazz.

*Prerequisite: Grade 9 Choral/other musical group experience or written consent of the Music Department.*
In high school mathematics, there are three streams to consider: The -1 stream, the -2 stream, and the -3 stream. Please read the following flowchart carefully. Further description is outlined below.

If your Math 9 mark is:

- **Above 80%**: consider Math 10i or take Math 10C.
- **Above 70%**: take Math 10C.
- **Above 50% but below 70%**: consider the following: Is post-secondary education an option? Take Math 10 Extended. Is your goal to go directly into the workforce or take a trade? Take Math 10-3.
- **Below 50%**: Take Math 10-3.

*In the above diagram, the black arrows denote the typical pathways and preferred transfer points a student follows to progress from course level to course level, with recommended prerequisite grades noted in red.*
For detailed course content in any of the below listed courses, please visit the Alberta education curricular website at https://education.alberta.ca/teachers/program/math/educator/progstudy/ and follow the links. A PDF file is available for the 10-20-30 course of studies and for Math 31.

-1 STREAM

Math 10C, Math 20-1, Math 30-1, Math 30-1/31 Combined, Math 31; 5 Credits per course

This course sequence is designed for students that are prepared for the rigor and effort required for success. These students will have a strong aptitude for mathematics thus being able to handle sophisticated algebraic approaches to solving complex equations. The -1 mathematics student exhibits the greatest amount of detailed thinking and willingness to try and try again. This course sequence provides students with the mathematical understanding and critical thinking skills needed for entry into post-secondary programs that require the study of Calculus, such as the Engineering, Science, and Business faculties. Some technical programs offered at NAIT also require the -1 sequence of mathematics study. At the end of Math 30-1, the students must write a Provincial Diploma examination. An alternate way to obtain credit in both Math 30-1 and Math 31 is to take Math 30-1/31 Combined. Details are given on the following page.

-2 STREAM

Math 10C, Math 20-2, Math 30-2; 5 Credits per course

This course sequence is designed for students that are prepared to show effort and rigour required for success. These students will have an aptitude for mathematics thus being able to handle algebraic approaches to solving mathematical equations and the ability to apply logical thought to solve problems. The -2 mathematics student will exhibit a large amount of detailed thinking and willingness to try and try again. This course sequence is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into post-secondary programs that do not require the study of Calculus, such as the Nursing, Arts and Education (Elementary) faculties, and many other technical programs at NAIT and McEwan University. At the end of Math 30-2, the students must write a Provincial Diploma examination.

-3 STREAM

Math 10-3, Math 20-3, Math 30-3; 5 Credits per course

This course sequence is designed:

1. to give students a chance to upgrade their mathematical skills before entering into the 10C, -1, -2 sequences, or
2. to provide a practical amount of complexity, rigour and algebra skill needed for direct entry into the workforce or trades.
MATH 10 EXTENDED

10 Credits (5 credits for Math 10-3, 5 credits for Math 10C)

This math course is designed for any students who have passed Math 9, but specifically for students that achieved between 50-70%. Students enrolling in this course will have full intention to carry on to Math 20-2 or Math 20-1. In this course, students will work on Math 10-3 and Math 10C. During the first term, students will cover the regular Math 10-3 curriculum and other foundational math skills necessary for subsequent math courses. Students will have opportunity to continue to develop skill in numeracy, and mathematical reading and writing. It is our intention that the skill development that takes place in this course will enable students to proceed to the next level of mathematics and be successful. The topics covered in the second term are meant to build upon previous knowledge learned in the first term and to progress from simple to more complex conceptual understandings.

*Recommended Prerequisite: 50-70% in Math 9.*

MATH 30-1/31 COMBINED

10 Credits

This is a course that is taken every day for the whole year. After the successful completion of the course, students will earn 5 credits for Math 30-1 and 5 credits for Math 31. The two courses are taught simultaneously as there are common topics to both that are studied in different ways. Because of the multiple ways of looking at the content, students have an opportunity to strengthen their knowledge of Math 30-1. Also, students will study content with the extra rigor of Math 31 before finishing Math 30-1. Because of these opportunities, students should have an advantage when they write their Provincial Diploma examination for Math 30-1 in June.

*Recommended Prerequisite: 65% or higher in Math 20-1.*


PHYSICAL EDUCATION & WELLNESS

The aim of the PE program is to provide students with the opportunity to develop physical literacy and to enable individuals to develop the knowledge, skills, and attitudes necessary to lead an active, healthy lifestyle. The program emphasizes active living, with a focus on the physical activity that is valued and integrated into daily life. Strong evidence exists that physical activity contributes to the overall well-being of individuals. People of all ages can substantially improve their health and quality of life by including a moderate amount of physical activity into their daily routines. Participation in physical activity contributes to physical, mental and social well-being, providing benefits to the individual and the community. Through the curriculum, our goal is 100% enjoyable participation.

CROSSFIT® PERSONAL FITNESS 10, 20, 30

5 Credits per course

Students selecting this course will complete 5 or more CTS modules from the Recreation Leadership, Human and Social Services, and Health Care Services strands. Students will learn and execute workouts and fitness testing made up of safe, functional movements with a teacher and CrossFit® Level 2 Trainer.

Prerequisite: None. Course Fee: $40.00 for each level.

HIGH PERFORMANCE SPORT ACADEMY 10, 20, 30

5-10 Credits per course

This program is designed for the student athlete competing in Provincial or National levels in their specific sport, and welcomes all athletes from all disciplines. It allows athletes the opportunity to complete Physical Education 10, 20, or 30 plus CALM 20 while maintaining their competition schedules.

Prerequisite: None.

MEDICAL STUDIES 10, 20, 30

5 Credits per course

Nurse, paramedic, doctor, respiratory technician, forensics, health care aide, LPN, laboratory technician... if you are interested in a career in the area of health care, these are the courses for you! These courses offer you the opportunity to gain specialized skills and knowledge that will provide an excellent head start for your future in the medical world. Certification in standard First Aid/CPR/AED will be available for students at a reduced rate.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.

Please be aware that Personal Fitness, Medical Studies, and Sports Medicine have overlapping coursework. Students should register in only one of these pathways.

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LEADERSHIP 15, 25, 35

5 Credits per course

The Student Life/Leadership program at Bellerose is designed for students who are interested in making an extra-curricular difference during their time in high school. Signing up for this fun program is an exceptional opportunity for Grade 10 students to join Grade 11 and 12 mentors in the development of interpersonal, management, problem-solving, and leadership skills. Plus, you can commit to the level of involvement that works best for you. You will work with the Bellerose Student Council to create and participate in a variety of fantastic school activities, clubs and events throughout the year; motivating and inspiring your fellow Bulldogs. An added bonus is that the commitment to service and leadership will also enhance your opportunities for scholarships!

Prerequisite: None. Course Fee: None. There will be a suggested clothing purchase for this course.

OUTDOOR EDUCATION 10, 20, 30

5 Credits per course

Designed to give students a hands-on “out of the classroom” experience like no other! Find good friends, adventure and learn practical skills to aid your growth as a leader in the outdoor environment. Opportunities exist to participate in field trips involving: avalanche awareness and winter travel, backcountry hikes, mountain huts, canoeing, and First Aid. If you want to add an experience to high school like no other, Outdoor Education will provide you with memories and friendships you will never forget!

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level. There will be a suggested clothing purchase for this course.

PERSONAL FITNESS 10, 20, 30

5 Credits per course

Students selecting this course will complete CTS modules from the Recreation Leadership, Human and Social Services, and Health Care Services strands. Classes will focus on broad, general, and inclusive fitness.

Prerequisite: None. Course Fee: $20.00 for each level.
PHYSICAL EDUCATION 10, 20, 30

5 Credits per course

PE 10 is designed to move students through a series of healthy lifestyle activities. The emphasis will be on daily participation, physical activity and wellness. PE 10 is a graduation requirement. In PE 20 and PE 30, students will be introduced to lifetime skill activities. Participants will build leadership experience and continue to explore the dimensions of Physical Education with a continued focus on the topics covered in PE 10. The emphasis will be on daily participation, physical activity and wellness activities. Previous PE field trips have included golf, scuba, rock climbing, bowling, and archery.

Prerequisite: None for PE 10, PE 10 for PE 20, PE 20 for PE 30. Course Fees: None for PE 10, $40.00 for PE 20, $60.00 for PE 30.

PHYSICAL EDUCATION 10, 20, 30 + CALM 20

6 Credits per course

These courses allow students to complete the PE curriculum, focussing on a series of wellness and fitness activities, while concurrently fulfilling the CALM 20 requirements. Students will work toward developing positive skills in interpersonal relationships and leadership.

Prerequisite: None for PE 10/CALM, PE 10 for PE 20/CALM, PE 20 for PE 30/CALM. Course Fees: None for PE 10/CALM, $20.00 for PE 20/CALM, $20.00 for PE 30/CALM.

PHYSICAL EDUCATION 10, 20, 30 + PERSONAL FITNESS

6 Credits per course

These courses offers students the opportunity to complete Physical Education while focussing on a daily fitness and wellness program.

Prerequisite: None for PE 10/Personal Fitness, PE 10 for PE 20/Personal Fitness, PE 20 for PE 30/Personal Fitness. Course Fee: $40.00 for each level.

PHYSICAL EDUCATION 10, 20, 30 + YOGA

6 Credits per course

In these courses, students will learn Yoga postures, strength, flexibility, fitness, and relaxation techniques for 3 credits. Students will also learn strategies which support a healthy and active lifestyle for 3 credits in either Physical Education 10, 20, or 30.

Prerequisite: None for Yoga/PE 10, PE 10 for Yoga/PE 20, PE 20 for Yoga/PE 30. Course Fees: None for PE 10/Yoga, $20.00 for each PE 20/Yoga, $20.00 for PE 30/Yoga.
SPORTS MEDICINE 10, 20, 30

5 Credits per course

This course is offered to students who are interested in the many aspects of Sports Medicine and Recreational Leadership. Students considering careers, or personal interests, in sports medicine, athletic therapies, fitness training, sport nutrition, physiotherapy, coaching, and physical education should take this course. Through completion of the three levels of this program, students may receive certification in:

- Fitness Instruction Leadership
- National Coaching Certification Program
- First Aid and CPR
- Athletic Training
- Kinesiology
- Prevention and Rehabilitation of Athletic Injuries

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $50.00 for 10, $50.00 for 20, $60.00 for 30.
Social Studies at the high school level is best understood as a three-year program, rather than three distinct courses.

The skills students develop over the course of their three years will help them navigate not only a wide range of post-secondary opportunities, but are—more importantly—the skills that they will use every day to navigate life as a citizen in a democratic society. The content of the three courses overlap and reinforce each other so that by the end of Grade 12, students will possess historical, contemporary, and current event knowledge that contributes to their understanding of the context we all live in, so as to better consider present-day decisions and their potential effects at the local, national, and global level.

Social Studies 10 revolves around the theme of Globalization. In Social Studies 20, students will examine Nationalism. Finally, Social Studies 30 will guide students through a discussion of Ideologies. Students will have the choice of taking these courses at the -1 or the -2 level; the content of both streams is in many ways similar, with the difference being related to the skills students will develop.

It is important to note that post-secondary programs will require specific Social Studies courses, so knowing what you want to pursue beyond high school should shape your decisions around programs, as will your achievement in the pre-requisite course. Teacher and counsellor recommendations for programming should be taken into consideration.
Science programs provide opportunities for students to develop knowledge, skills, and attitudes they need to become productive and responsible members of society. The programs also allow students to explore interests and prepare for further education and careers.

In the above diagram, the black arrows denote the typical pathways and preferred transfer points a student follows to progress from course level to course level, with prerequisite grades noted in red. Please see the course descriptions for the recommended prerequisite grades.
SCIENCE 10

5 Credits

Science 10 is an integrated academic course which helps students understand and apply concepts and skills common to Biology, Chemistry and Physics. Strong math skills are essential, as each of the Science disciplines involves a level of mathematics.

Prerequisite: 50% in Science 9. Recommended Prerequisite: 60% in Science 9 and Math 9.

SCIENCE 14/24

5 Credits

Science 14/24 is a blended course, offered in one semester, which combines the curricular outcomes of Science 14 and Science 24. Students are given the unique opportunity to complete their Science graduation requirement in one semester. They will obtain scientific and technological knowledge and skills that can be applied to their current personal lives as well as their future careers.

Prerequisite: Science 9.

SCIENCE 20 & SCIENCE 30

5 Credits per course

The Science 20/30 program aims to provide students with opportunities to explore, analyze and appreciate the interrelationships between science, technology, society and the environment and to develop understandings that will affect their personal lives, their careers and their futures. The foundation of this science program is organized into several scientific disciplines: life science, physical science, and earth and space science. At the end of Science 30, the students must write a Provincial Diploma examination.

Prerequisite for Science 20: 50% in Science 10 (60% is recommended). Prerequisite for Science 30: 50% in any of Science 20, Biology 20, Chemistry 20 or Physics 20 (60% is recommended).
Biology 20 & Biology 30

5 Credits per course

Biology is the study of the astounding variety of life on Earth and of the interactions of these organisms with each other and their non-living environment. Students will develop an understanding of the anatomy and physiology of many human systems and their role in maintaining a healthy body. In addition, students will study molecular biology and how the complex fabric of inheritance helps to determine a person’s physical and emotional being. At the end of Biology 30, the students must write a Provincial Diploma examination.

Prerequisite for Biology 20: 50% in Science 10 (60% is recommended). Prerequisite for Biology 30: 50% in Biology 20 (60% is recommended).

Chemistry 20 & Chemistry 30

5 Credits per course

These academic courses are meant for students headed towards a post-secondary program requiring a strong background in the physical sciences. High school Chemistry is designed to meet the Alberta Program of Studies’ four foundations (Attitude, Knowledge, Skills, and Science, Technology and Society (STS)). The following topics are studied: stoichiometry, diversity of matter, chemical bonding, gases, solutions, acids and bases, chemical changes, chemical equilibrium, and organic compounds. At the end of Chemistry 30, the students must write a Provincial Diploma examination.

Prerequisite for Chemistry 20: 50% in Science 10 (60% is recommended). Prerequisite for Chemistry 30: 50% in Chemistry 20 (60% is recommended).

Physics 20 & Physics 30

5 Credits per course

These courses continue the study of motion and energy using concepts and mathematical skills introduced in Science 10 and Math 10C. The description and causes of motion are studied through Newton’s Laws and Energy. These concepts are expanded upon in various societal and technological applications throughout the program. Communication and problem-solving skills are emphasized in order to prepare students for post-secondary programs. At the end of Physics 30, the students must write a Provincial Diploma examination.

Prerequisite for Physics 20: 50% in Science 10 (60% is recommended). Prerequisite for Physics 30: 50% in Physics 20 (60% is recommended).
CAREER & TECHNOLOGY STUDIES

Bellerose offers an extensive Career and Technology Studies (CTS) Program in an advanced technological facility, allowing students the opportunity to explore specific programs and specialized skills. Students taking CTS strands will complete specific individual course modules; the successful completion of each course module earns one high school credit towards the High School Diploma. Course fees are assessed in many CTS strands; see course descriptions for fees at each level.

COMPUTER SCIENCE 10, 20, 30

5-6 Credits per course

Computer Science encourages students to study and take control of the devices that surround them every day. This course sequence introduces students to computer programming and system design and development. Students will have a chance to program interactive apps and games using a variety of platforms. Computer Science 30 fulfills the “Advanced Computer Science” prerequisite for many Alberta post-secondary institutions. Students can opt to complete a set of alternative assessments in Computer Science 30 to earn credit for IB Computer Science SL.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.

CONSTRUCTION TECHNOLOGY 10, 20, 30

5-7 Credits per course

The focus of this program is the development of productive attitudes and woodworking skills. Students will develop skills in the safe and accurate use of many woodworking tools. They will also become familiar with wood products and other materials commonly used in the furniture and construction industries. A mature, team-oriented and goal-driven attitude is essential for success in this program. Most of the program is shop-based, with students completing projects that are designed to build their craftsmanship in a logical sequence. At all three levels of this program, the projects ensure that core skills are in place while also providing students with voice and choice. Once the required projects are complete, students may build additional projects of their own choosing for extra credits at the cost of materials. Students completing the program will have a skill set that makes them strong candidates for entry positions in the furniture and construction industry.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.
**FRAMING 20, 30**

5 Credits per course

As a brand new course to Bellerose, Framing focuses on the structural building aspects of the construction industry! Students will gain skills and knowledge involved in the building of floor, wall, and roof systems, as well as basic knowledge in the pouring of concrete foundations. While building confidence in successfully framing structures with the tools of the trade, students will also develop a respect for OHS workplace safety and workers rights. Framing 20 covers the basic knowledge of framing and the practice building small structures such as stepstones, dog houses, and playhouses. In Framing 30, students will be challenged by increasing the size of structures to garden/storage sheds and will incorporate different exterior finishes. Students who complete this stream will be comfortable building structures in their future and will be excellently prepared for introductory work as a carpenter.

*Prerequisite: Construction 10 is a prerequisite for Framing 20; Framing 20 is a prerequisite for Framing 30. Course Fee: $40.00 for each level.*

**COSMETOLOGY 10, 20, 30**

5-10 Credits per course

The introductory level focuses on personal and professional grooming, body care, and enhancement practices, providing students with opportunities to explore and prepare for cosmetology-related career options. In the intermediate level, students build upon the competencies developed at the introductory level and focus on developing a wide range of skill competencies. This strand also enables students to explore a wide range of career-related opportunities. Emphasis is placed on client services. The advanced level strand requires a high level of skill and expertise. Content within the courses will help prepare students for entry into the workplace or an accredited post secondary program. The program provides approximately 375 hours towards the Provincial Beauticians Certificate of Proficiency. It is projected that under the new regulations for apprenticeship, students will be required to apprentice an additional 1400 hours prior to their exam for certification. As the school runs as a full-service salon, there will be a heavy emphasis placed on customer service.

*Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for 10, $80.00 for 20, $120.00 for 30.*

**DESIGN STUDIES 10, 20, 30**

5 Credits per course

Do you want to put your creativity to work, changing the world around you? Are you interested in architecture, communications, computer graphics, or merchandising? Want to build 3D models and assets for computer animation or video games? Explore the world of design! Design happens at the intersection of art and function. Students design and create models, products, or structures through a series of projects and challenges. Throughout this project-based course, students will be exposed to a variety of professional software and media used in post-secondary programs and in the design world. Intermediate and Advanced Design students will explore several concentrations such as 3D computer models, computer-aided design, or engineering design. Students will leave their design studies program with a portfolio of their best designs and renderings to take into the world of work or post-secondary learning.

*Prerequisite: Design Studies 10 or Make It! are prerequisite for Design Studies 20; Design Studies 20 is a prerequisite for 30. Course Fee: $40.00 for each level.*
DIGITAL MEDIA & DESIGN 10, 20, 30

5 Credits per course

This course concentrates on the field graphic design in digital formats. Using the Adobe Creative Cloud, students will have the opportunity to create a comprehensive digital portfolio including: digital art, photographs, films. In the introductory level, students are introduced to all facets of graphic design. By learning how to use industry-leading software and understanding the elements and principles of design, students will be able to bring their artistic visions to life! Intermediate level students will further these skills, learning how to apply them in practical and creative ways. The advanced level will focus on career-based application of skills and concepts, such as advertising and branding. Students in these courses are often the driving force of the posters, visuals, and videos seen around the school.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.

DIGITAL PHOTOGRAPHY 10, 20, 30

5 Credits per course

Our Digital Photography course offers photography lovers of any ability the opportunity to explore basic and advanced photographic techniques while learning how to take their shots to the next level. This program has camera equipment available for student use. However, personal photographic equipment is welcome and encouraged. The introductory level has students experimenting with key aspects of photography, such as exposure, composition, and digitally processing their images. Ever wonder how an ordinary photograph becomes the stunning shot you see on Instagram? At the intermediate level, students learn about studio lighting, experiment with a variety of lenses, and enhance their digital editing techniques while assembling a carefully curated portfolio of their work. Students are given the opportunity to flex their creative muscles by developing their own assignments based on their photographic interests. The advanced level has students developing and pursuing their own projects, while learning advanced camera techniques and Photoshop skills. Students will enhance their skills at editing and digital compositing, while honing their craft and developing their personal style.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.

Photo credit: Taylor Bilodeau
FASHION STUDIES 10, 20, 30

5-7 Credits per course

The introductory level is for all beginners, regardless of Grade level! Learn the tools of the trade as you create, design and construct many handmade personal items like scarves, bags, and shirts. Expect to participate in fieldtrips to local retailers in order to get help making purchases, and to become better acquainted with the consumer side of this industry. In addition, getting tangled in yarns, threads and other fibre arts media will expand your scope and understanding of the world of fashion. The intermediate and advanced levels allow students to further develop their construction expertise by working with various specialty fabrics as you employ tailoring and couture techniques. Our business venture “Hems ‘R’ Us” offers students with the opportunity to build customer relationship skills and to learn the intricacies of fitting. Students at this level select the modules they wish to complete which results in a highly personalized experience.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.

FOOD & BUSINESS 20, 30

5 Credits per course

Offering students both the theoretical knowledge and practical experience of operating a small food business, the practicum of this course is the Bellerose Business Venture (BBV). It is through this small food business that we discuss business strategy, hone our cooking skills, and most importantly, host periodic family suppers. Students listen to guest lectures from the local business community and visit local food establishments.

Prerequisite: Instructor approval plus 90% or higher in Food Studies 10 for Food & Business 20; 85% or higher in Food & Business 20 for Food & Business 30. Course Fee: $40.00 for each level. There will be a suggested clothing purchase for this course.

FOOD STUDIES 10, 20, 30

5 Credits per course

Food studies courses offer students the opportunity to develop daily life skills and career skills. Individual courses are comprised of both practical application and theoretical learning. The introductory course is designed to introduce the concepts of food safety and sanitation, nutrition, food preparation and presentation, emphasizing the relevance of Canada’s Food Guide to personal wellness. Meals, desserts, and snacks will be prepared. The intermediate and advanced courses allow students the opportunity to expand upon course concepts and to gain expertise in cake/pastry baking and decorating, yeast bread baking, soup and sauce making, meat and fish cookery, food presentation, and international foods.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for each level.
MAKE IT!

5 Credits

Take your creativity into the 21st century! In this course students are exposed to advanced technology in a self-directed and creative environment. The Maker movement is quickly spreading worldwide--new technologies have allowed everyday people to make their dreams a reality. Students will be introduced to electronics by building simple circuits and creating devices like robot cars and cell-phone chargers! Students will see their digital designs come to life through 3D printing and explore their world in new ways by building and programming a robot. This project based course allows students to explore their interests and master new skills with a design mindset. Students will be encouraged to come up with unique projects and expand their skills in areas they find interesting, leading to a unique creative experience for each person.

Prerequisite: None, although Make It! serves as a prerequisite for Design Studies 20. Course Fee: $40.00 for each level.

MECHANICS 10, 20, 30

5-10 Credits per course

Mechanics students have the opportunity to increase their knowledge and skills related to the maintenance of motor vehicles and the impact of the automobile on our environment, our economy and our social well-being. Whether a student plans to prepare for a work-related role in the automotive industry, or simply wants to be an informed owner/operator of a vehicle, mechanics is a great educational opportunity. The introductory level focuses on explaining how the major parts of the automobile fundamentally work, and provides students with generous hands-on activity designed to enable them to explore activities such as basic car maintenance, oil changes, small engine repair, transmission exploration, electrical repair and testing, automotive hand tool and equipment operation, and much more.

At the intermediate level, students investigate and repair a wide variety of drivetrain components such as transmissions, differentials, clutches and drive shafts. Students also explore the operation and repair of brake systems, steering systems and suspension systems. As a bonus, students learn how to operate Mig welders, plasma cutters and cutting torches safely.

At the senior level, students learn about the operation and function of car engines and how to overhaul them. Students also investigate how various other engine related systems work, including: fuel, ignition, lubrication, cooling, air conditioning, and more.

Prerequisite: 10 is a prerequisite for 20; 20 is a prerequisite for 30. Course Fee: $40.00 for 10, $80.00 for 20, $80.00 for 30.
BCHS OPEN HOUSE

WEDNESDAY, MARCH 06, 2019

6.30 pm - 8.00 pm
Open House at 6.30 pm in the Large Gym ~ Tours until 8.00 pm

International Baccalaureate (IB) Program Open House
March 06 during Open House at 7.00 pm

INFORMATION SESSIONS FOR CURRENT GRADE 9s
March 13 and March 18 at 7.00 pm

INFORMATION SESSIONS FOR IB PROGRAM
March 11 and March 13 at 7.00 pm

We can help! Please call Student Services at 780.460.8490 ext 121 to book a 30-minute appointment with a Counsellor or an Administrator.