

**Program Planning Guide
2026-2027**

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Program Planning Overview

This guide provides students and parents with an overview of the course offerings at Hugh Boyd Secondary School. It is intended to help students and their parents choose the most appropriate courses for the upcoming school year. Some courses must be taken to meet the requirements of the Ministry of Education, while others will be chosen to meet individual interests and goals.

Please use the links in the table of contents for more detailed course information from each department.

Current Grade 8 to 11 students will be able to enter their course selections from February 5-18, 2026. Students will only be able to access the MyEdBC course selection website within these dates. Students' personalized course selections must be completed in MyEdBC by **3:00pm on Wednesday, February 18.**

Our timetable and course schedule will be built based on student requests. Therefore, it is very important that the selection of courses be done *thoughtfully*. Due to timetable and staffing considerations, course changes will be difficult after initial selections. Students and parents should examine this guide carefully and then discuss the choice of courses. **Course and timetable changes in September are not always possible and can only be considered to correct errors in student timetables (e.g. a course that has already been completed or is at the wrong grade level).**

Students entering Grades 10 through 12 need to plan their courses with career and/or post- secondary programs in mind. Please check with your counsellor if you have specific questions about options beyond high school.

Note: Courses will be run only if there is sufficient enrolment to justify a class. If a student selects a course for which there is insufficient enrolment, the student will be placed in the first alternative course identified by the student. Therefore, **please choose alternate courses with care.**

Hugh Boyd Course Selections

* For most students. *ELL Students should refer to their course planning sheet and/or speak with their counsellor.*

Grade 9	Grade 10	Grade 11	Grade 12
1. English 9	1. An English 10: <ul style="list-style-type: none">• A - Focused Literary Studies/Creative Writing• B - New Media/Composition	1. An English 11: <ul style="list-style-type: none">• A - Literary Studies• B - New Media• C - Creative Writing	1. An English 12: <ul style="list-style-type: none">• English First Peoples 12• English Studies 12• AP English 12
2. Math 9	2. A Math 10: <ul style="list-style-type: none">• Foundations & Pre-Calculus 10• Workplace Mathematics 10	2. A Math 11: <ul style="list-style-type: none">• Foundations of Mathematics 11• Pre-Calculus 11• Workplace Mathematics 11	2. Elective 12
3. Social Studies 9	3. Social Studies 10	3. A Social Studies 11/12: <ul style="list-style-type: none">• 20th Century World History 12• Asian Studies 12• BC First Peoples 12• Geography (Human) 12• Law Studies 12• Social Justice 12	3. Elective 12
4. Science 9	4. Science 10	4. A Science 11: <ul style="list-style-type: none">• Chemistry 11• Life Sciences 11• Physics 11• Science for Citizens 11	4. Elective 12
5. A Physical & Health Ed. 9: <ul style="list-style-type: none">• Physical & Health Education 9• Strength & Conditioning 9	5. A Physical & Health Ed. 10: <ul style="list-style-type: none">• Physical & Health Education 10• Strength & Conditioning 10	5. Elective	5. Elective
6. Arts Education Elective	6. Career Life Education 10	6. Elective	6. Elective
7. ADST Elective	7. Elective	7. Elective	7. Elective
8. Elective <ul style="list-style-type: none">• Second Language recommended	8. Elective	8. Elective	8. Elective <ul style="list-style-type: none">• All grade 12s who have enough credits to graduate may select one study block.
2 Alternative Choices	2 Alternative Choices	2 Alternative Choices	2 Alternative Choices

Arts Education: Art

Art 8**MAE--08**

Art 8 is a half-semester course combined with Drama 8. Students are introduced to a variety of 2-D and 3-D materials and processes, especially drawing, painting, and sculpture. Get ready to explore your creativity and investigate the Elements of Art and Principles of Design with fun, imaginative assignments. Students develop skills, vocabulary & knowledge to create, communicate, perceive, and respond to artworks across a range of art periods, styles, and cultural contexts. Students begin a visual journal (sketchbook) to document process and develop self-reflective learning.

Art Studio 9/10 - Art Foundations**MAE--09 / MVAST10**

In Studio Art students develop their creative process through a broad range of concepts, materials, and techniques.

Drawing, painting, sculpture, and mixed media concepts are investigated. Elements of Art and Principles of Design vocabulary are taught along with other image development strategies. Students create, communicate, perceive, and respond to artworks across a range of art periods, styles, and cultural contexts. Students use their visual journal (sketchbook) to document process and develop self-reflective learning. This course aligns with the “big ideas” from the BC Arts Curriculum: “The arts provide opportunities to gain insight into the perspectives and experiences of people from a variety of times, places, and cultures.” “Creative arts experiences can build community and nurture relationships with others.” “Identity is explored, expressed, and impacted through arts experiences.”

NOTE: New projects are developed each year in all art courses so students can take consecutive years of Art and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Art Studio 11/12 - Art Foundations**MVAST11 / MVAST12**

Senior Studio Art students hone their creative thinking, communication, and craftsmanship through a range of design challenges, concepts, materials, techniques and processes. The bulk of projects fall under the categories: **drawing, painting, sculpture and mixed media**. Students learn how Elements of Art, Principles of Art and Image Development Strategies are used to improve their art. Students create, communicate, document, perceive and respond to artworks across a range of art periods, styles and cultural contexts. Students use a sketchbook for prep work and ongoing process documentation. Students interested in portfolio building or pursuing careers related to the arts can be supported in this class. This course aligns with the big ideas from the Arts Curriculum: “Active participation in the visual arts is an essential element of culture and personal identity and reveals insights into the human experience.”

Note: New projects are developed each year so students can take consecutive years of Art and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Studio Arts 2D 9/10 - Drawing, Painting, Design & Photography**MAE--09-2D / MVAD-10**

In Studio Art 2D students develop their creative process through a broad range of concepts, materials, and techniques. **Drawing, painting, printmaking, photography, mixed media and graphic design** concepts are investigated. Elements of Art and Principles of Design vocabulary are taught along with other image development strategies. Students create, communicate, perceive, and respond to artworks across a range of art periods, styles, and cultural contexts. Students use their visual journal (sketchbook) to document process and develop self-reflective learning. This course aligns with the “big ideas” from the BC Arts Curriculum: “The arts provide opportunities to gain insight into the perspectives and experiences of people from a variety of times, places, and cultures.” “Creative arts experiences can build community and nurture relationships with others.” “Identity is explored, expressed, and impacted through arts experiences.”

NOTE: New projects are developed each year in all art courses so students can take consecutive years of Art and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Studio Arts 2D 11/12 - Drawing, Painting, Design & Photography**MVAD-11 / MVAD-12**

Senior Studio Art 2D students hone their creative thinking, communication, and craftsmanship through a range of design challenges, concepts, materials, techniques and processes. The bulk of projects fall under the categories: **drawing, painting, printmaking, photography, mixed media and graphic design**. Students learn how Elements of Art, Principles of Art and Image Development Strategies are used to improve their art. Students create, communicate, document, perceive and respond to artworks across a range of art periods, styles and cultural contexts. Students use a sketchbook for prep work and ongoing process documentation. Students interested in portfolio building or pursuing careers related to the arts can be supported in this class. This course aligns with the big ideas from the Arts Curriculum: "Active participation in the visual arts is an essential element of culture and personal identity and reveals insights into the human experience."

Note: New projects are developed each year so students can take consecutive years of Art and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Studio Arts 3D 9/10 - Ceramics & Sculpture**MAE--09-3D / MVAC-10**

In Sculpture, students develop their creative process through a range of 3D concepts, materials and techniques. 3D may include: **ceramics (clay), papier mâché, wire, cardboard, plaster carving, found objects, mixed media and installation**. Elements of Art and Principles of Design concepts and vocabulary are taught along with other image development strategies. Students create, communicate, perceive and respond to artworks across a range of art periods, styles and cultural contexts. Students use their visual journal (sketchbook) as a means to document process and develop self-reflective learning. This course aligns with the big ideas from the BC Arts Curriculum: "The arts provide opportunities to gain insight into the perspectives and experiences of people from a variety of times, places, and cultures." "Creative arts experiences can build community and nurture relationships with others." "Identity is explored, expressed, and impacted through arts experiences."

Note: New projects are developed each year so students can take consecutive years of Art and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Studio Arts 3D 11/12 - Ceramics & Sculpture**MVAC-11 / MVAC-12**

Senior Sculpture students hone their creative thinking, communication, and craftsmanship through a diverse range of 3D design challenges, concepts, materials, techniques and processes. Projects may use any of the following: **ceramics (clay), found object assemblage, papier mâché, wire, wood, plaster, fabric, cardboard, installation etc.** Relationships between form and function are explored. Students learn how Elements of Art, Principles of Design and Image Development Strategies are used to improve their art. Students create, communicate, document, perceive and respond to artworks across a range of art periods, styles and cultural contexts. Students use a visual journal for prep work and ongoing process documentation. Students interested in portfolio building or pursuing careers related to the arts can be supported in this class. This course aligns with the big ideas from the Arts Curriculum: "Active participation in the visual arts is an essential element of culture and personal identity and reveals insights into the human experience."

Note: New projects are developed each year so students can take consecutive years of Art 3D and not repeat any projects even in mixed grade classes. Course open to all, no previous art experience required.

Photography 10-12**MVAPH10 / MVAPH11 / MVAPH12**

*Any/all levels of experience welcome and can be determined after registration.

Level One - Beginner

For students gr. 10-12, level one introduces a wide variety of techniques and concepts in photography including: traditional S.L.R. and digital camera basics, developing film, an introduction to the darkroom, photo- composition, history, theory, and criticism. This course is also an introduction to digital image manipulation and graphic design basics using an assortment of photo editing and creative software programs such as Adobe Creative Suite (Photoshop and Lightroom.) Collage techniques, mixed media and photo journaling will be used to investigate important image development strategies and Elements & Principles of Art & Design. Projects will be a mix of individual and small group. Students will have access to school SLR cameras (film & digital) for sign-out; however, their own personal phone-camera is an asset.

Level Two – Intermediate

For students gr. 10-12 who have already completed either level one photo at Boyd or have already taken Studio Arts 2D and practiced basic photography. Level two gives students the opportunity to improve on techniques and concepts developed in Beginners Photo. Goals are to continue to explore Digital Photography, lighting and advanced darkroom techniques and to develop richer photo imagery and strengthen composition. To have a more focused and creative approach to assignments and a strong work ethic. Students will have access to school SLR cameras (film & digital) for sign-out; however, their own personal phone-camera is an asset.

Level Three – Advanced

For students gr. 10-12 who have already completed 2 levels of photo or Studio Arts 2D and photo at Boyd and already have a solid grounding in photography. Level three gives students the opportunity to improve on techniques and concepts developed in beginner and intermediate Photo. Goals are to continue to explore digital or traditional photography, lighting, and advanced darkroom techniques, develop richer photo imagery and strengthen composition. Level threes will be supported to develop a creative photo-based portfolio following their own independent inquiry. Students will have access to school SLR cameras (film & digital) for sign-out; however, their own personal camera is an asset.

All photo students will be assessed in accordance with BC curriculum guidelines for core & curricular competencies.

Yearbook & Photojournalism 9-12 **OFF-TIMETABLE MAE--09-YB, MVAM-10, MVAMT11-YB, MVAMT12-YB**

This is a linear (full year) course for students who enjoy, and want to improve their skills in, desktop publishing, photography, and journalism. Students will be involved in every process of creating and publishing the school Yearbook – enjoying countless opportunities to flex their creative muscles while helping to preserve the memories of the Boyd community in visual and written form.

This course will run outside of the regular timetable. Course material and assignment submission will be handled through MS TEAMS. There is an expectation to meet in person at lunch once weekly for: page design and editing sessions, camera equipment sign-out, computer lab access, and team meetings. This will also include mandatory work sessions throughout the year after school to meet deadlines and yearbook expectations

Advanced Placement Art 12 Portfolio**2D (A2DP-12), 3D (A3DP-12), Drawing (ASAD-12)**

* Please seek art teacher guidance if registering for this course.

This advanced placement course is designed to mirror a college/university experience in Visual Art. Expectations are high for productivity, image development, concepts, documentation, revision, and reflection. Students can decide to develop a 2-D, 3-D or drawing & design focused portfolio. Materials and processes are wide open to student interests, but may include pencil, ink, conte, charcoal, paint, mixed media, ceramics, assemblage, photography, or digital art. A key course objective is to allow you a creative space to foster synthesis between concept and practice. Students will engage in focused individual and group art “critiques”, and practice documenting and displaying their artworks. The portfolio requirements are stringent and involve a “sustained investigation” of 15 high quality finished pieces along with written components. It is optional to submit your portfolio to the AP College board for adjudication and potential post- secondary course credit. Alternately, students may forgo the AP portfolio submission and only submit their works to the class teacher for an AP class mark.

Recommended prior or concurrent with: Art careers 11/12, or another senior visual arts course.

Art Careers 11/Art 12 Pre-AP**MVAGA12**

This Inquiry based studio class provides you with extra guidance in building your art skills, personal style, and ideas. It will be both challenging and rewarding as you develop through practice, experimentation, and revision. You will be asked to use a range of materials and processes, and to reflect upon the questions that guide your creative process. If taken in gr.11, this course can provide excellent preparation for AP Art 12. Alternately, this is a great course for gr.12 students wanting to develop a more flexible portfolio to meet a range of fine arts post -secondary portfolio admission requirements, while not having to adhere to the more specific AP portfolio parameters.

As this is a *Career* focused studio class, you are expected to investigate different post -secondary opportunities and begin to develop and document a suitable portfolio of work. A key course objective is to allow you a creative space to foster synthesis between concept and practice. Students will engage in focused individual and group art “critiques”, and practice documenting and displaying their artworks. Ultimately, this is what is needed for a successful Art Portfolio, and success in post-secondary. * Please seek teacher guidance when registering for this course.

Arts Education: Theatre

Drama 8 – Introduction to Drama**MDR--08**

Drama 8 is a half-semester course that is combined with Art 8. Students will be introduced to drama concepts and performance techniques through theatre games, class exercises and group presentations. Drama will help students develop their confidence and it gives them a safe and creative space to express themselves in new and imaginative ways. In Drama 8, students will work on storytelling through tableau (frozen pictures) and the skills to perform improvisational theatre. Students will develop performance of TheatreSports games and learn how to create characters and sketches without the use of a script. Students will also learn to keep a Drama Journal to uniquely reflect on their learning throughout the course. The skills that students develop in Drama will help them in other subject areas and throughout their lives.

Drama 9 – Drama and Performance**MDR--09**

Students of Drama 9 will continue to develop the skills they learned in Drama 8. They will learn the skills and attitudes necessary to succeed in a performance group, including teamwork, adaptability, support and leadership. Students will practice new performance techniques and applications through units such as Commedia Dell'arte, Sketch Comedy, Greek Theatre, Puppetry, Masks, Acting for Theatre & Television and 10-minute plays.

There will be a strong focus on mutual respect, building ensemble, personal expression and developing one's creative voice within a supportive group environment. Participation and inclusion are major aspects of this course. Students will be evaluated on these skills using the BC Proficiency scale.

Drama 10 – Intermediate Drama and Performance**MDRM-10**

Students of Drama 10 will continue to develop the skills they learned in Drama 9. They will learn the skills and attitudes necessary to succeed in a performance group, including teamwork, adaptability, support and leadership. Students will practice new performance techniques and applications through units such as Commedia Dell'arte, Sketch Comedy, Greek Theatre, Puppetry, Masks, Acting for Theatre & Television and 10-minute plays.

There will be a strong focus on mutual respect, personal expression and developing one's creative voice within a supportive group environment. Participation and inclusion are major aspects of this course.

Drama 11/12 – Acting**MDRM-11 / MDRM-12**

Acting 11/12 will allow students to further develop their theatre skills as more complex material is explored and advanced acting techniques are learned. Some of the units this course will focus on mutual respect, personal expression and developing one's creative voice within a supportive group environment. Participation and inclusion are major aspects of this course.

Drama 10-12 – Theatre Company****OFF-TIMETABLE******MDRTC10 / MDRTC11 / MDRTC12**

Theatre Company 10 - 12 is a product focused class in which students will employ the skills they have developed in previous drama classes. Students will work together, forming The Hugh Boyd Theatre Company under the artistic direction of the drama teacher. The Hugh Boyd Theatre Company will complete the school production from play submission to production and rehearsal. Students will be required to pitch a play, audition for roles, attend all rehearsals and performances, as well as mentor younger students who volunteer their time with the theatre company. **This class will likely take place after school hours.**

Drama 10-12 – Theatre Production****OFF-TIMETABLE******MDRD-10 / MDRTP11 / MDRTP12**

Technical Theatre Production 10 - 12 will teach students the basics of technical theatre while working as an integral part of either Theatre Key 21 or The Hugh Boyd Theatre company throughout the semester. The students in this class will learn fundamentals of designing lights, sound, set, props, and costumes while operating as the crew of Theatre Key 21 or The Hugh Boyd Theatre Company. Students do not need previous experience in these areas but should be motivated to work hard and learn quickly as critical members of Theatre Key 21 or The Hugh Boyd Theatre Company. Students will be required to attend all necessary rehearsals and performances as well as lead younger students who volunteer their time with the theatre company. **This class will likely take place after school hours.**

Drama 11/12 – Directing and Script Development**MDRDS11 / MDRDS12**

Directing and Script Development is a course for students who have drama experience and an interest in creating new theatrical work. Students will have the opportunity to direct already- published works as well as develop and direct their own scenes, monologues and a short 10minute plays. This course emphasizes the working relationship between actor, director and playwright and the communication and collaboration skills that are necessary when directing one's peers. Students will work in tandem with a Drama 9/10 block or Drama 11/12 block, and they will direct in-class student projects as well as their own work. There will also be opportunities for Directing and Script Development students to direct or assistant direct school productions.

Arts Education: Music

Please note: your placement in Music courses is dependent on your level of experience. The first Music course you take (excluding Grade 8), whether you are in Grade 9 or 12 is Level 1.

Provision of Musical Instruments:

Music students may be provided an instrument at no cost with the understanding that they will be responsible for the proper use, maintenance and safekeeping while using a school instrument. The school has a limited collection of instruments and may not be able to supply a student's first choice (particularly band instruments). Students using school instruments will often share them with other students. Students who have their own instrument from previous school music or private instruction are encouraged to bring them to use in their music classes at Boyd.

Concert Band 8

MMU--08-CB

Concert Band 8 is a continuation of the elementary band class. Therefore, it is recommended, but not required, that students have some previous instruction on an instrument or other prior musical instruction. Students will develop fundamental music knowledge and instrumental technique through performances of concert band repertoire showcasing a variety of musical styles like traditional band pieces to jazz, pop, and movie themes. Students will grow as musicians individually and as essential parts of the ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances throughout the year. Grade 8 students who wish to take the Music 8 course but are unable due to conflicts with other courses may choose to take Concert Band 8.

Concert Band 9

MMU--09-CB

This instrumental music course is open to anyone interested in playing a band instrument. While previous experience in band at the elementary level (one or two years) or previous instruction on an instrument is recommended, it is not a requirement. Students will continue to develop their instrumental technique, tone, music theory, ensemble awareness and ear training through practice and performance of a variety of musical styles like traditional band pieces to jazz, pop, and movie themes. Students will grow as musicians individually and as essential parts of the ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances.

Jazz Band 9

OFF-TIMETABLE

MMU--09-JB

Jazz Band provides students with a unique experience to explore the characteristics of the Jazz tradition by studying various styles such as swing, ballad, Latin, fusion and jazz-rock. Students will get the opportunity to extend their understanding of rhythm, melody, harmony and form as they explore jazz improvisation, jazz articulation and phrasing, transcribing, arranging and composition and performing in small ensembles. Students will strive to increase their skill and proficiency with their instruments within a highly focused rehearsal atmosphere and a supportive ensemble setting. Course expectations include regular individual practice and participation in evening concerts and other performances (like the Richmond Jazz Festival) throughout the year.

****NOTE:** Students who wish to take Jazz Band should have some previous instrumental music learning experience and have some proficiency on a band instrument (brass, woodwind, percussion) or core jazz instrument (trumpet, trombone, saxophone, piano, bass, drums, guitar). **Jazz Band is a full-credit, off-timetable music course that runs outside of the regular timetable for the entire school year with classes held after school (3:00-4:30pm), twice per week.**

Choir 9

MMU--09-CH

This course is for anyone interested in choral singing. While previous music learning is helpful it is not required. Students will develop their vocal technique, music knowledge and musicianship and ear training skills through practice and performance of a variety of music styles and genres. Students will grow as musicians individually and as essential parts of an ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances throughout the year.

Guitar 9**MMU--09-GUI**

This course is for anyone interested in learning to play the guitar. In addition to acquiring a working knowledge of the fret board, chords, scales, and strumming/picking technique, students will learn about basic music theory, rhythm, ear training, improvisation and composition. A variety of musical traditions and styles will be covered including Pop, Rock, Folk, and Blues. Students will develop both individual and ensemble skills as they learn and perform repertoire individually and in small and large ensembles.

Concert Band 10**MMUCB10**

This course is a continuation of Concert Band 9 but is also open to anyone interested in playing a band instrument. While previous experience in band at the elementary level (one or two years) or previous instruction on an instrument is recommended, it is not a requirement. Students in Concert Band will strive for music excellence through learning, understanding and performing exceedingly sophisticated Band repertoire of various genres. Students will extend their instrumental technique, tone, music theory, ensemble awareness and ear training through practice and performance of a variety of musical styles like traditional band pieces to jazz, pop, and movie themes. Students will grow as musicians individually and as essential parts of the ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances.

Jazz Band 10****OFF-TIMETABLE******MMUJB10**

This course is a continuation of Jazz Band 9.

For students who have taken a previous Jazz Band course at Boyd, this is a continuation where students will strive for music excellence through learning, understanding and performing exceedingly sophisticated Jazz Band repertoire. Jazz Band provides students with a unique experience to explore the characteristics of the Jazz tradition by studying various styles such as swing, ballad, Latin, fusion and jazz-rock. Students will get the opportunity to extend their understanding of rhythm, melody, harmony and form as they explore jazz improvisation, jazz articulation and phrasing, transcribing, arranging and composition and performing in small ensembles. Students will strive to increase their skill and proficiency with their instruments within a highly focused rehearsal atmosphere and a supportive ensemble setting. Course expectations include regular individual practice and participation in evening concerts and other performances (like the Richmond Jazz Festival) throughout the year.

****NOTE:** Students who wish to take Jazz Band should have some previous instrumental music learning experience and have some proficiency on a band instrument (brass, woodwind, percussion) or core jazz instrument (trumpet, trombone, saxophone, piano, bass, drums, guitar). **Jazz Band is a full-credit, off-timetable music course that runs outside of the regular timetable for the entire school year with classes held after school (3:00-4:30pm), twice per week.**

Choir 10**MMUCC10**

This course is for anyone interested in choral singing. While previous music learning is helpful it is not required. Students will develop their vocal technique, music knowledge and musicianship and ear training skills through practice and performance of a variety of music styles and genres. Students will grow as musicians individually and as essential parts of an ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances throughout the year.

Guitar 10**MMUGT10**

This course is a continuation of Guitar 9 but is also open to anyone interested in learning to play the guitar. In addition to acquiring a working knowledge of the fret board, chords, scales, and strumming/picking technique, students will learn about basic music theory, rhythm, ear training, improvisation and composition. A variety of musical traditions and styles will be covered including Pop, Rock, Folk, and Blues. Students will develop both individual and ensemble skills as they learn and perform repertoire individually and in small and large ensembles.

Contemporary Music Ensemble 10**MMUCM10**

This course is open to anyone interested in learning and performing music through a contemporary music lens. This course provides students an opportunity to engage in music learning through performance of a diverse range of contemporary music and other traditions in solo and ensemble settings. Students will learn the basics of music theory and develop musicianship skills (both by ear and different forms of notation) and will adapt and refine technical and expressive skills on available instruments to support creative processes and to explore a variety of music genres, cultural contexts, and time periods. Some of the instruments available at the school for learning, performance and projects include keyboards, drums, hand drums and percussion, bass, and guitar. Through individual and group projects, students will acquire basic music production and recording skills. A main goal for this course is to assemble as ensemble where students contribute to the performance of chosen repertoire. Prior music learning and the ability to read music is an asset, but not essential. Evaluation will be based on daily participation, knowledge and skill development, and public performance.

Concert Band 11**MIMCB11**

This course is a continuation of Concert Band 10 but is also open to anyone interested in playing a band instrument. While previous experience in band at the elementary level (one or two years) or previous instruction on an instrument is recommended, it is not a requirement. Students in Concert Band will strive for music excellence through learning, understanding and performing exceedingly sophisticated Band repertoire of various genres. Students will extend their instrumental technique, tone, music theory, ensemble awareness and ear training through practice and performance of a variety of musical styles like traditional band pieces to jazz, pop, and movie themes. Students will grow as musicians individually and as essential parts of the ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances.

Jazz Band 11****OFF-TIMETABLE******MIMJB11**

This course is a continuation of Jazz Band 10.

For students who have taken a previous Jazz Band course at Boyd, this is a continuation where students will strive for music excellence through learning, understanding and performing exceedingly sophisticated Jazz Band repertoire. Jazz Band provides students with a unique experience to explore the characteristics of the Jazz tradition by studying various styles such as swing, ballad, Latin, fusion and jazz-rock. Students will get the opportunity to extend their understanding of rhythm, melody, harmony and form as they explore jazz improvisation, jazz articulation and phrasing, transcribing, arranging and composition and performing in small ensembles. Students will strive to increase their skill and proficiency with their instruments within a highly focused rehearsal atmosphere and a supportive ensemble setting. Course expectations include regular individual practice and participation in evening concerts and other performances (like the Richmond Jazz Festival) throughout the year.

****NOTE:** Students who wish to take Jazz Band should have some previous instrumental music learning experience and have some proficiency on a band instrument (brass, woodwind, percussion) or core jazz instrument (trumpet, trombone, saxophone, piano, bass, drums, guitar). **Jazz Band is a full-credit, off-timetable music course that runs outside of the regular timetable for the entire school year with classes held after school (3:00-4:30pm), twice per week.**

Choir 11**MMUCH11**

This course is for anyone interested in choral singing. While previous music learning is helpful it is not required. Students will develop their vocal technique, music knowledge and musicianship and ear training skills through practice and performance of a variety of music styles and genres. Students will grow as musicians individually and as essential parts of an ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances throughout the year.

Guitar 11**MIMG-11**

This course is a continuation of Guitar 10 but is also open to anyone interested in learning to play the guitar. In addition to acquiring a working knowledge of the fret board, chords, scales, and strumming/picking technique, students will learn about basic music theory, rhythm, ear training, improvisation and composition. A variety of musical traditions and styles will be covered including Pop, Rock, Folk, and Blues. Students will develop both individual and ensemble skills as they learn and perform repertoire individually and in small and large ensembles.

Contemporary Music Ensemble 11**MMUCM11**

This course is a continuation of Contemporary Music Ensemble 10 but is also open to anyone interested in learning music through a contemporary music lens.

This course provides students an opportunity to engage in music learning through performance of a diverse range of contemporary music and other traditions in solo and ensemble settings. Students will learn the basics of music theory and develop musicianship skills (both by ear and different forms of notation) and will adapt and refine technical and expressive skills on available instruments to support creative processes and to explore a variety of music genres, cultural contexts, and time periods. Some of the instruments available at the school for learning, performance and projects include keyboards, drums, hand drums and percussion, bass, and guitar. Through individual and group projects, students will acquire basic music production and recording skills. A main goal for this course is to assemble as ensemble where students contribute to the performance of chosen repertoire. Prior music learning and the ability to read music is an asset, but not essential. Evaluation will be based on daily participation, knowledge and skill development, and public performance.

Music Composition & Production 11**MMUCP11**

This course is designed for very motivated music students who are interested in creating their own music. Working with available music production software such as GarageBand, FL Studio, Logic and Ableton students will design original musical works. Students will extend previously learned knowledge of musical elements, composition methods, vocabulary, and theory. They will learn techniques and skills to support creative processes and explore a variety of genres, cultural contexts, and time periods. Prior music learning and the ability to read music is an asset, but not essential.

This course is designed to give any student, regardless of musical experience, the opportunity to write, record, and produce their own music. Students will work with a range of modern hardware and software, such as GarageBand, use and learn various audio recording techniques (using microphones and electronic instruments), use MIDI and digital instruments, and experiment with loops and sampling. Through project-based learning, students will express perspectives, personal voice, story, and cultural identity through music composition and production and leave the course with complete song(s). Prior music experience is an asset but not required.

Concert Band 12**MIMCB12**

This course is a continuation of Concert Band 11 but is also open to anyone interested in playing a band instrument. While previous experience in band at the elementary level (one or two years) or previous instruction on an instrument is recommended, it is not a requirement. Students in Concert Band will strive for music excellence through learning, understanding and performing exceedingly sophisticated Band repertoire of various genres. Students will extend their instrumental technique, tone, music theory, ensemble awareness and ear training through practice and performance of a variety of musical styles like traditional band pieces to jazz, pop, and movie themes. Students will grow as musicians individually and as essential parts of the ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances.

Jazz Band 12****OFF-TIMETABLE******MIMJB12**

This course is a continuation of Jazz Band 11.

For students who have taken a previous Jazz Band course at Boyd, this is a continuation where students will strive for music excellence through learning, understanding and performing exceedingly sophisticated Jazz Band repertoire. Jazz Band provides students with a unique experience to explore the characteristics of the Jazz tradition by studying various styles such as swing, ballad, Latin, fusion and jazz-rock. Students will get the opportunity to extend their understanding of rhythm, melody, harmony and form as they explore jazz improvisation, jazz articulation and phrasing, transcribing, arranging and composition and performing in small ensembles. Students will strive to increase their skill and proficiency with their instruments within a highly focused rehearsal atmosphere and a supportive ensemble setting. Course expectations include regular individual practice and participation in evening concerts and other performances (like the Richmond Jazz Festival) throughout the year.

****NOTE:** Students who wish to take Jazz Band should have some previous instrumental music learning experience and have some proficiency on a band instrument (brass, woodwind, percussion) or core jazz instrument (trumpet, trombone, saxophone, piano, bass, drums, guitar). **Jazz Band is a full-credit, off-timetable music course that runs outside of the regular timetable for the entire school year with classes held twice a week after school (3:00-4:30pm) per week.**

Choir 12**MCMCC12**

This course is for anyone interested in choral singing. While previous music learning is helpful it is not required. Students will develop their vocal technique, music knowledge and musicianship and ear training skills through practice and performance of a variety of music styles and genres. Students will grow as musicians individually and as essential parts of an ensemble through regular practice and participation in performances. Course expectations include regular individual practice and participation in evening concerts and other performances throughout the year.

For students who have taken a previous Choir course at Boyd, this is a continuation where students will strive for music excellence through learning, understanding and performing exceedingly sophisticated choral repertoire of various genres.

Guitar 12**MIMG-12**

This course is a continuation of Guitar 11 but is also open to anyone interested in learning to play the guitar. In addition to acquiring a working knowledge of the fret board, chords, scales, and strumming/picking technique, students will learn about basic music theory, rhythm, ear training, improvisation and composition. A variety of musical traditions and styles will be covered including Pop, Rock, Folk, and Blues. Students will develop both individual and ensemble skills as they learn and perform repertoire individually and in small and large ensembles.

Contemporary Music Ensemble 12**MMUCM12**

This course is a continuation of Contemporary Music Ensemble 11 and is also open to anyone interested in learning music through a contemporary music lens.

This course provides students an opportunity to engage in music learning through performance of a diverse range of contemporary music and other traditions in solo and ensemble settings. Students will learn the basics of music theory and develop musicianship skills (both by ear and different forms of notation) and will adapt and refine technical and expressive skills on available instruments to support creative processes and to explore a variety of music genres, cultural contexts, and time periods. Some of the instruments available at the school for learning, performance and projects include keyboards, drums, hand drums and percussion, bass, and guitar. Through individual and group projects, students will acquire basic music production and recording skills. A main goal for this course is to assemble as ensemble where students contribute to the performance of chosen repertoire. Prior music learning and the ability to read music is an asset, but not essential. Evaluation will be based on daily participation, knowledge and skill development, and public performance.

Music Composition & Production 12**MMUCP12**

This course is a continuation of Music Composition & Production 11. This course is designed to give any student, regardless of musical experience, the opportunity to write, record, and produce their own music. Students will work with a range of modern hardware and software, operate GarageBand, use and learn various advanced audio recording techniques (using microphones and electronic instruments), use MIDI and digital instruments, and experiment with loops and sampling. Through project-based learning, students will express perspectives, personal voice, story, and cultural identity through music composition and production and leave the course with complete song(s). Prior music experience is beneficial but not required.

Career Education

Career Life Education 10**MCLE-10**

This course is a graduation requirement for all students in British Columbia. Students will explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning and career path. This course will invite students to consider the impact of their personal and career choices on themselves and others. Students will explore personal development, connections to the community and career and educational life plans. They will reflect upon the necessity for flexibility and adjustment of their goals, as well, as they look within and beyond their role as high school students.

Recreational Leadership 11****OFF-TIMETABLE******YLRA-1A**

This is a locally developed course intended to assist students in developing leadership skills including taking initiative, delegating, and working cooperatively. Students will have opportunities to apply what they have learned to “real life” situations both within their school and the outside communities. Students will plan and implement several school-based events, ranging from formal ceremonies to activities that foster school spirit. The course will also provide an introduction to fundraising initiatives.

Recreational Leadership 12****OFF-TIMETABLE******YLRA-2A**

This is a locally developed course intended to build on students’ previous leadership skill sets. Students will have opportunities to test the skills and strategies learned in the classroom in several “real-life” situations. The course will be based on a great deal of classroom interaction and a cooperative learning environment. Students will have opportunities to act as mentors by assisting with implementing a variety of school and community-based initiatives. Students will also develop some topics and projects of interest to them.

Peer Tutoring 11**XAT--11-PT**

This course is intended for students who enjoy supporting younger students with their subject classes. Peer tutors complete tutor training sessions with the Peer Tutoring teacher and then are placed in an appropriate subject class where they may work with individual and small student groups under the supervision of the subject teacher. Emphasis is placed on peer tutors’ organization, communication, interpersonal skills and the ability to help students develop numeracy, reading and study strategies. If you are interested in this course, you must see a counsellor for an application form. You should have a subject area of strength and a subject area teacher who would support your application. Applicants may be interviewed prior to acceptance into the course.

Peer Tutoring 12**XAT--12-PT**

This course is an extension of Peer Tutoring 11. Students must complete an application and interview process. Please see a counsellor for an application form. Recommended Preparation: Peer Tutoring 11.

Work Experience 12****OFF-TIMETABLE******MWEX-2A**

In this off-timetable course, students will participate in, observe, and learn about the tasks and responsibilities related to an occupation or career, as determined by their unique interests and curiosities. WEX will provide students with an opportunity to apply classroom learning in a context outside of school and to bring back to the classroom new perspectives about their learning. During this course, students will learn about and experience various aspects of the workplace and are provided with a frame of reference within which to review or revise their career-life development goals. They will have an opportunity to personalize their learning by establishing a work training plan unique to their interests and to the employability skills they aim to develop. **To successfully complete this course, students must complete a minimum of 90 hours of work experience in one or more work placement(s) in the community.**

Typically, this work experience is completed as unpaid volunteer work.

Career Life Connections (CLC)****OFF-TIMETABLE******XAT--12-RVS-CLC**

This is a 4-credit graduation requirement for all students in British Columbia that extends upon students' post-secondary preparation and reflection from CLE 10. Students will receive a percentage and a letter grade on their official transcript for CLC and Capstone. This course is an off-timetable class, largely facilitated through an online platform by their CLC teacher. Some in-person meetings will be scheduled, for which attendance is required.

Advance notice will be given with regard to these dates. In this course, students will continue to explore a variety of learning outcomes that are directly relevant to their future personal wellness, living arrangements, financial planning, and career pathways. CLC invites students to consider the impact of their personal and career choices on themselves and others, as they make their flexible plans and preparations for next year, and the years to come.

NOTE: All Hugh Boyd Students taking Career Life Connections will enrol this course through the Boyd Only RVS CLC course.

ADST: Business and ICT

Business Education and Information Technology courses fit under the Applied Design, Skills and Technologies curriculum.

Web Development and Computer Programming

Web Development 9/10

MADIT09-WEB / MWBDV10

The technology sector is a rapidly growing industry everywhere. This course offers students an introduction into the world of computers and web development. Students are not required to have any previous experiences or knowledge. Students will explore the basics of computer hardware and software, troubleshooting skills, basic coding concepts (HTML/CSS), web design, design thinking process, and issues surrounding digital literacy, cyber security risks, and ethics. Students will also learn the basics of video production for developing digital media, including pre-production planning, filming, editing, and encoding.

Computer Programming 11

MCMPR11

Students will learn the basic foundations of computer programming and begin exploring how to solve problems with the mindset of a computer scientist. Students will work with manipulating graphics, animation, robotics, and games to gain a better understanding of the code behind the technology we use day to day.

Computer Programming 12

MCMPR12

Students will further develop their understanding of computer programming through complex projects. Students will learn to break problems down and develop solutions for each element using a variety of strategies. These projects may involve solving a problem in other subject areas while working in collaboration with others. Students will also be implementing user input for creating interactive applications.

Digital Media Production

The following 2 course options are intended for students who have an interest in the fields of videography, photography, scripting, digital editing and post-production. Students will meet in-person once a week after school but will use MS Teams for the majority of communication and assignment distribution/submission. The courses are off-timetable and will be self-directed, giving the flexibility for timetabling.

Digital Media 10-12

****OFF-TIMETABLE****

MMEDD10, MMEDD11, MMEDD12

Students will learn basic skills in photography and videography. They will develop those skills in a variety of projects. Students of all skill levels are welcome. Students will learn how to frame shots, optimize lighting, and adjust various settings on a camera to affect the look of their photos/videos. DSLR and mirrorless digital cameras are provided by the school along with microphones, lights, tripods, and gimbals. Students will also have access to the full suite of industry standard Adobe Creative Cloud applications such as Lightroom, Photoshop, and Premiere. Students will learn to use these programs to edit and enhance the production value of their projects. Students must register via Richmond Virtual School.

Video Production 11/12

****OFF-TIMETABLE****

MDFT-11, MDFT-12

This class is designed for students who have completed the Digital Media class and would like to further develop their skills in videography. Students will learn to setup professional lighting, capture high quality audio, and work with high frame rate footage to create epic slow-motion shots. On top of that, students will learn how to use a variety of transitions and speed-ramps to create exciting and engaging content. The Video Production class will also work as a team to take on some larger projects for the school, district or clients from the community. Students will take on different roles in planning, storyboarding, filming, and editing for these larger video projects. Students must register via Richmond Virtual School.

Recommended Preparation: Digital Media 10-12 (students with previous video editing experience can contact Mr. Chan for an exemption)

Business Education

Accounting 11**MAC-11**

This course is designed for students who desire an introduction to accounting. It is recommended for students who are planning to pursue business or commerce studies. Accounting is also a great course for students who simply have an interest in managing their finances well. It covers the basic accounting cycle, recording transactions, adjusting and preparing financial statements. Students will complete exercises that are similar to processes of accounting for small business.

Marketing and Promotion 11**MMAP-11**

This is an introductory activity-based course in the basic concepts of marketing. Topics covered include marketing strategies, public relations, distribution, advertising, ad design, consumer motivation, credit, selling techniques, and the “psychology of selling”. This practical course is applicable to many careers. Students will learn about productivity and motivating employees. The units covered include how to start a retail business and how to use advertising and salesmanship to the best advantage.

Accounting 12**MACC-12**

This course is a continuation of Accounting 11 for students who wish to further their knowledge of financial procedures. It is recommended for students who have completed Accounting 11 and are planning to pursue business or commerce studies. It covers accounting for merchandising businesses, inventory, internal control and payroll. Students will also learn a computerized program for accounting.

Entrepreneurship 12**MENT-12**

Entrepreneurship 12 is a highly interactive, skill building course. All businesses begin with the ideas of entrepreneurs. Entrepreneurs identify and explore opportunities, research the resulting ideas, locate and organize resources and begin to turn the ideas into reality. Entrepreneurship 12 helps students to gain an understanding of the entrepreneurial spirit in the context of starting a small business. Within a secure and supportive environment, students research, develop, and implement venture plans that link technical and managerial resources and innovation. The course offers students opportunities to develop a business knowledge base. No matter what profession a student wishes to pursue, the skills learned in Entrepreneurship 12 will be beneficial.

ADST: Home Economics

Home Economics courses fit under the Applied Design, Skills and Technologies curriculum.

Home Economics 8

MADFS08

This course serves as an introduction to both textiles and home cooking. In the textiles portion, students will explore basic elements of design, as well as develop practical sewing skills both by hand and on a sewing machine. In the foods portion, students will learn about kitchen safety and sanitation, basic elements of nutrition, as well as develop practical food preparation skills through a variety of food labs. This hands-on course will provide students with the introductory skills necessary for future pursuits in textiles and foods courses, as well as home living. This is a half-semester course. All students take the Home Economics and Technology Education Wheel.

Food Studies

Food Studies 9

MADFS09

This course will focus on developing knowledge and practical skill sets in food preparation and basic meal planning. Students working in cooperative groups will explore elements of baking and stovetop cooking through a variety of breakfast, lunch, and dinner dishes with a focus on the basic elements of nutrition. Students will learn about food safety and sanitation practices, foodborne illness and prevention, and the personal, social, and environmental impact of food choices. This course will provide students with practical skill sets for everyday life and expose them to future interests and pursuits related to the food industry.

Food Studies 10

MFOOD10

This is an intermediate foods course designed to broaden student's experiences in cooking techniques and processes. This course extends students' knowledge of baking and cooking methods with a focus around a variety of global cuisines and food practices. With a continued focus around nutrition, students will explore areas such as recipe modification and ingredient substitutions, local food production and seasonal eating, the function of foods within a healthy diet, and more. Food labs will allow for more student choice and design opportunities that will add to the development of knowledge and practical skills for successful independent living. **Recommended Preparation: Food Studies 9.**

Food Studies 11

MFOOD11

This course is recommended for students with an interest in gourmet cooking and learning about different ingredients and techniques. Students will practice safe preparation techniques while cooking a wide variety of dishes. Topics include food preservation, quick breads, grains, yeast breads, and working with meats and vegetarian alternatives. Nutrition is an integral part of this course as students will take a more in-depth look at the function of macro and micronutrients within a healthy diet. Additionally, students will learn how to modify recipes and select their own recipes within different unit topics. **Recommended Preparation: Food Studies 9 and/or 10.**

Food Studies 12

MFOOD12

In this advanced course, students will learn to select recipes and apply cooking principles to prepare healthy dishes and multi-course meals, incorporating presentation, and budgetary considerations. Topics of study include casseroles, soups, convenience foods, cakes and cookies, meats, and vegetarian dishes. Students will look more in-depth into topics such as healthy eating habits, fad diets and precautions, local food systems, and environmental and social impacts of the food industry. **Recommended Preparation: Food 9, 10, or 11 (or a combination of the three).**

Baking and Pastry 11/12

MBP--11 / MBP--12

This advanced course is designed for students who enjoy baking as a hobby or as a future career. Emphasis will be placed on baking skills, practices, and theory. Students will have the chance to exercise their creativity and artistic skills through exploring a wide variety of recipes and ingredients. Unit topics will include the preparation of breads, pastries, cookies, and cake decorating. Course A and B alternate each school year allowing students to take it consecutive years without repeating curriculum. **Recommended Preparation: Food Studies 10 or 11.**

Fashion Design

Fashion & Design Studies 9**MADT-09**

In this course, students will learn the safe use of tools in the Textiles lab, the selection and use of commercial patterns, and the basic characteristics of textiles. Students will develop the skills needed to sew pajama pants, a sweatshirt, and a skirt, and projects of their own choice. Students will be introduced to techniques for alterations and repairs, the elements of design, and careers in the Canadian apparel industry.

Fashion & Design Studies 10**MTXT-10**

This course will further students' understanding of the use of tools in the Textiles lab, basic alteration of commercial patterns, the progression from fibre to fabric, and the skills needed to sew a zippered hoodie, pants, a dress or dress shirt and projects of the students' choice. Students will expand their sewing techniques for garment construction, embellishment, alteration, and repair. Theory projects will include the principles of design as well as designers and manufacturers in the Canadian apparel industry. **Recommended Preparation: Fashion and Design 9**

Fashion and Design Studies 11**MTXT-11**

This course is designed to improve and expand sewing skills learned in Textile Studies 9 or 10. Students choose their own projects which can include pants/dresses, shirts/jackets, or other coordinated outfits while learning new techniques and becoming more confident with the tools in the textile lab. They will become more aware of their individual skill levels and will strive to take on new challenging projects. This course provides practical skills for independent living and exposes students to future career opportunities in clothing manufacturing, fashion design, merchandising and wardrobe planning. **Recommended Preparation: Fashion and Design Studies 10.**

Fashion and Design Studies 12**MTXT-12**

This advanced course is designed for those students who would like to expand their sewing skills for both personal and career use. The self-challenging curriculum focuses on professionalism, quality, and pride of project construction. Among the units to be covered are specialty fabrics, pattern alteration design, and fashion careers. The choice of projects will be determined by the fabric and pattern that the individual chooses. **Recommended Preparation: Fashion and Design Studies 11**

ADST: Technology Education

Technology Education courses fit under the Applied Design, Skills and Technologies curriculum.

Technological Education 8

MADGE08

This is an introductory course in which students gain experience using various tools, machines and materials to create projects. Students will learn how to design and create successful projects while working safely in the shop. This is a half-semester course. All students take the Home Economics and Technology Education Wheel. All students take Home Economics and Technology Education for half a semester each.

Design and Drafting

Design & Drafting 9

MADD-09

This course is an introduction to computer-aided drafting, 3D modeling, animation, photo manipulation, video production and coding that provides students the opportunity to explore the world of applied graphics. Students will learn and practice a variety of techniques and styles exploring the diverse capabilities of the computer as required in the industry. This course is strongly recommended for all students interested in the trades, technology, engineering, architecture, graphic design, industrial design, interior design, advertising, web development, film and animated production. The course is divided into different areas of study where the students will create projects such as: architectural floor plans, 3D animations, photograph manipulations and website coding and graphics. Programs used in this course may include: AutoCAD, Inventor, Sketch Up, 3D Studio Max, Maya, Adobe Photoshop and Adobe Premiere.

Design & Drafting Level 1

MTDRF10

This course builds on the skills and fundamentals learned in Drafting and Design Grade 9 or Level 1. This hands-on course provides the opportunity to further discover and use the diverse capabilities of the computer in applied graphics. For a portion of the school year, students will be given the option of a more in-depth coverage of any aspect(s) of computer-aided design that most interests them. Programs used in this course may include: AutoCAD, Inventor, SketchUp, 3D Studio Max, Maya, Adobe Photoshop, Adobe Premiere and Java.

Design & Drafting Level 2

MTDRF11

This course allows the self-motivated student the opportunity to further investigate the specific areas of engineering, architecture, mechanical design, animation, photoshop, video production and/or coding as possible career choices. The focus of this course can be on the design and manufacturing process as used in industry with specific 3D printed practical projects in mechanical engineering, civil/structural engineering and/or architecture with optional choices in interior design and landscape architecture. Or it may include animation or video production and 3D modeling, animation, photo manipulation and video production. As this course deals with real-world technical projects, students will be introduced to industry standards to better prepare them for future study in post-secondary institutes. An emphasis will be placed on career alternatives in the areas of engineering and architecture and/or visual arts, and abilities required for post-secondary education. Students will continue developing skills in programs such as: AutoCAD, Inventor, Revit, 3D Studio Max and Maya, and Java programming in the development of their portfolios. Recommended Preparation: Design & Drafting Level 1

Design & Drafting Level 3

MTDRF12

This course is a continuation of Computer Assisted Design for the student who is highly self-motivated and wishes to learn as much as possible in order to pursue a career in a related field. Students have the opportunity to choose their own projects in the area(s) that most interest them with an emphasis on career preparation and investigation. This project-based course offers intensive study in programs such as: AutoCAD, Revit, 3D Studio Max, Maya, Adobe Photoshop and/or Adobe Premiere. Due to the diverse scope of this course, only highly self-motivated students with an interest in Computer Assisted Design should enroll. Recommended Preparation: Design & Drafting Level 2.

Design & Drafting Level 4

This course is a continuation of Computer Assisted Design for the student who is highly self-motivated and wishes to learn as much as possible in order to pursue a career in a related field. Students have the opportunity to choose their own projects in the area(s) that most interest them with an emphasis on career preparation and investigation. This project-based course offers intensive study in programs such as: AutoCAD, Revit, 3D Studio Max, Maya, Adobe Photoshop and/or Adobe Premiere. Due to the diverse scope of this course, only highly self-motivated students with an interest in Computer Assisted Design should enroll. Recommended Preparation: Design & Drafting Level 3

Metalwork

Metalworking 9/Metalworking Level 1**MADM-09 / MTMET10**

This is a hands-on project-based course that introduces students to the concepts of engineering and provides an understanding of technology topics. Students will gain experience using various tools, machines and materials while learning to work safely in the shop. Students will work in teams, solve real-world problems and manage projects. Skills that will be explored are construction and design, metal fabrication, and various metal joining processes.

Metalworking Level 2**MSTX-2A**

Youth Explore Welding, Sheet Metal & Design Trades Skills (A SkilledTradesBC sponsored & Ministry of Education course)

Youth Explore Trades Skills is an engaging program in which **grades 10-12** students use hands-on learning to acquire skills and knowledge related to a variety of workplace sectors. In this course, students will take three modules, exploring three areas: Welding, Sheet Metal, and Design/Drafting. The fourth “Core” module covers employability skills, safe use of tools /materials, workplace culture and careers in the trades. This program is a partnership between the Ministry of Education and SkilledTradesBC and gives students 100 hours of practical experience. By taking this course, students will be in a position to better make informed future career choice options.

Recommended Preparation: Metalwork 9/Level 1.

Metalworking Level 3**MTMET11**

This advanced course is for highly self-motivated students who would like to further develop their skills in Technology in order to pursue a career in a related field. This course is customized with individual projects and content is keyed to specific technical knowledge to match career interests and abilities of the students. Learning experience includes: review of past theories and hand tool practices, aspects of good design, advanced joining process, hand tool and machine safety, finishing procedures, machine tool maintenance & Metal shop leadership. **Project work:** May include rebuilding an outboard motor, if the student made a boat in *Youth Explore Metalwork Trade Skills* &/or approved projects of the students' design. **Recommended Preparation:** Metalwork 10/Level 2

Metalworking Level 4**MTMET12**

This advanced course is for highly self-motivated students who would like to further develop their skills in Technology in order to pursue a career in a related field. This course is customized with individual projects and content is keyed to specific technical knowledge to match career interests and abilities of the students. Learning experience includes: review of past theories and hand tool practices, aspects of good design, advanced joining process, hand tool and machine safety, finishing procedures, machine tool maintenance & Metal shop leadership. **Project work:** May include rebuilding an outboard motor, if the student made a boat in *Youth Explore Metalwork Trade Skills* &/or approved projects of the students' design. **Recommended Preparation:** Metalwork 11/Level 3

Woodwork

Woodworking 9/Woodworking Level 1**MADW-09 / MWWK-10**

This course is an introduction to basic cabinet making with emphasis on procedures and safety practices. This course will introduce students to the basics of woodworking. Students will gain experience using various tools and machines while learning to work safely in the shop. They will create a variety of projects, both mandatory and optional. They will learn how to research ideas, communicate designs and follow plans/protocols accurately.

Woodworking Level 2**MSTX-2B***Youth Explore Residential Trades Skills (A Skilled TradesBC sponsored & Ministry of Education course)*

Youth Explore Trades Skills is an engaging program in which **grades 10-12** students use hands-on learning to acquire skills and knowledge related to a variety of workplace sectors. In this course, students will take three modules, exploring three areas: **Carpenter**, **Electrician**, and **Plumber**. The fourth “Core” module covers employability skills, safe use of tools /materials, workplace culture and careers in the trades. This program is a partnership between the Ministry of Education and SkilledTradesBC, and gives students 100 hours of practical experience. By taking this course, students will be in a position to better make informed future career choice options. Project work may include a garden shed sized structure with electrical & plumbing. Great skills for being handy around the home.

Recommended Preparation: Woodworking 9/Level 1

Woodworking Level 3**MWWK-11**

This is an advanced course in cabinet making in which students are encouraged to build upon the skills they learned in their past two years of woodwork by designing and constructing their own designs. Learning experiences include: a review of past theories and hand tool practices, aspects of good design, advanced joinery details, design processes, hand tool and machine safety, finishing procedures and machine tool maintenance. A set project will be completed to update students on joinery techniques. Also, a major plan of the students' own choosing will be drawn up, costed out and constructed. **Recommended Preparation: Woodworking 10 /Level 2.**

Woodworking Level 4**MWWK-12**

This is an advanced course in cabinet making in which students are encouraged to build upon the skills they learned in their past three years of woodwork by designing and constructing their own project. Learning experiences include: a review of past theories and hand tool practices, aspects of good design, advanced joinery details, design processes, hand tool and machine safety, finishing procedures, machine tool maintenance & Wood Shop leadership. A set project will be completed to update students on joinery techniques. As well, a major plan of the students own choosing will be drawn up, costed out and constructed. **Recommended Preparation: Woodworking 11 /Level 3.**

Modern Languages

French

French 8**MFR--08**

In French 8, students will begin to develop their French writing, reading, listening and speaking skills at a basic level. They will begin to build their vocabulary and express themselves in the present tense, focusing on their preferences and their day-to-day lives. Evaluation will be based on writing, reading, oral communication, listening, project work and tests.

French 9**MFR--09**

In this course students will continue to develop their writing, reading, listening and speaking skills. Students will be encouraged to express themselves “en français” in the past, present and future tenses and will add to their vocabulary through a variety of themed units. Evaluation will be based on writing, reading comprehension, oral communication, listening, project work and tests.

French 10**MFR--10**

In this course students will begin to master certain components of the French language and continue to improve their writing, reading, listening and speaking skills. New grammatical concepts will be learned and students will be expected to communicate at a higher level in both their written work and their speaking. Evaluation will be based on writing, reading comprehension, oral communication, listening, project work and tests.

French 11**MFR--11**

In this course students will continue to master several components of the French language and to improve their writing, reading, listening and speaking skills. Expectations for written and oral output will be higher as students will begin to refine their language and be exposed to new and more sophisticated grammatical concepts and reading materials. Evaluation will be based on writing, reading comprehension, oral communication, listening, project work and tests.

French 12**MFR--12**

In French 12, students will continue to master elements of the French language and to refine their writing, reading, listening and speaking skills. Students will read and respond to a variety of texts from the Francophone world as well as participate in a novel study. Evaluation will be based on writing, reading comprehension, oral communication, listening, project work and tests.

Japanese

Japanese 9**MJA--09**

This is an introductory course in the Japanese language for students with no prior knowledge of Japanese. Students for whom Japanese is a native or heritage language are also welcome. Students will participate in Japanese conversations necessary to achieve objectives in school and community settings. Students will become proficient in reading and writing hiragana and katakana, two of the three major systems of written Japanese. Students will also learn the basic components of the third major writing system, Kanji (Chinese characters as they are used in Japanese.) Evaluation in the four skills of listening, reading, speaking, and writing, will be based as closely as possible on situations one might encounter in Japan, or in other Japanese-speaking contexts.

Japanese 10**MJA--10**

This course will further develop students' ability to communicate effectively in Japanese. They will be expected to read, comprehend, summarize, and respond to a variety of communications in both written and spoken Japanese. Kanji will continue to be introduced. Students will also be encouraged to further analyze the customs and values of the Japanese culture. Japanese culture will continue to be studied from an interdisciplinary perspective. Evaluation in the four skills of listening, reading, speaking, and writing, will continue to be based on real-world scenarios.

Recommended Preparation: Japanese 9.

Japanese 11**MJA--11**

This course will further extend students' capacity to communicate in Japanese in an increasing number of situations and with progressive complexity. Students will continue their study of Kanji. Evaluation in the four skills of listening, reading, speaking, and writing, will be based on quizzes, tests, compositions, and collaborative project work.

Recommended Preparation: Japanese 10

Japanese 12**MJA--12**

This course will allow students to refine their abilities to communicate in Japanese. They will master complex grammatical structures and many more Kanji. Evaluation in the four skills of listening, reading, speaking, and writing, will be based on quizzes, tests, compositions, and collaborative project work.

Recommended Preparation: Japanese 11

AP Japanese Language and Culture 12**AJLC-12**

The AP Japanese Language and Culture is equivalent to an intermediate-level college course in Japanese. Students cultivate their understanding of Japanese language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. (College Board, 2024)

Recommended Preparation: Japanese 12

Spanish

Spanish 9**MSP--09**

This is an introductory course in Spanish that is ideal for students with little or no knowledge of the language. The main goal is to teach students high frequency verbs and vocabulary through a variety of methods, including music, movie-talks, short stories and level-appropriate novels. The course content also explores themes relating to the many cultures within the Spanish speaking world. By the end of the course students will have a good base of knowledge in the present-tense and will be able to communicate information on a variety of useful topics. Assessment will be focused on Writing, Reading, Listening, and Speaking.

Spanish 10**MSP--10**

This course is intended for those who have successfully completed Beginner Spanish. As with the previous course, emphasis will be on listening, speaking, reading and writing. A positive attitude toward the learning of a second language and related culture will be fostered. Students will be able to communicate in the present and past tenses. Recommended Preparation: Spanish 9 or an equivalent first year introductory class from another school.

Spanish 11**MSP--11**

This course is a purposeful program allowing the students to increase their ability to communicate in oral and written Spanish at a more serious level. All four language skills will be fostered through units on travel, childhood and health. At the end of Spanish 11, students will be able to communicate in the present including formal and informal commands, as well as in the past, using preterit and imperfect. Units will cover a variety of situations that they could encounter in a Spanish-speaking country or culture. Recommended Preparation: Spanish 10 or an equivalent third year advanced class from another school

Spanish 12**MSP--12**

Students will continue to improve and master their communicative skills in Spanish through practice and study of a variety of thematic units. Students will leave Spanish 12 with the ability to communicate using advanced grammar including the conditional, future, and imperfect tenses as well as the imperative and subjunctive moods. They will explore these structures through units on health, travel, and the environment. Recommended Preparation: Spanish 11 or an equivalent fourth year advanced class from another school.

English Language Arts

English 8**MEN--08**

Students will begin an academic development of skills in English. Areas of focus include reading, writing, listening and speaking. Short stories, novels and poetry are major areas of study. Creative writing will also be emphasized. Vocabulary and writing skills will be addressed within units of study.

English 9**MEN--09**

Students will continue to develop the communication skills introduced in Humanities 8: reading, writing, listening and speaking. They will explore more challenging works of literature of various genres and write extensively using the writing process. Students will study vocabulary, grammar and language concepts to develop a stronger sense of the way the English language works.

English 10A: Focused Literary Studies/Creative Writing**MCTWR10**

English 10A is two courses in one. The units in this course will focus on literary studies grouped by theme, author, and/or time period, etc. and the development of personal writing in multiple genres and styles using a variety of models and sources. Students will complete a wide range of readings, literary analysis tasks, presentations and writing tasks over the course of the year, including essay writing.

English 10B: New Media/Composition**MCMPS10**

English 10B is two courses in one. The units in this course will focus on media studies, including mainstream and social media, film and documentary studies as well as digital literacy. Students will also develop skills in different forms of writing, both personal and formal, from planning to drafting to editing. This will include reading and modelling the writing of others in a variety of styles. Students will complete a wide range of analysis, presentation and writing tasks over the course of the year, including essay writing.

English 11A: Literary Studies**MLTST11**

Students in this course can expect a rigorous study of literary genres, techniques and analysis methods. Students will read and analyze literature that is intellectually challenging and hone their critical thinking skills. The critical analysis of major philosophies and themes will be discussed through a selection of short stories, plays, poetry, novels, and visual media. Students will work to improve their skills at writing multi-paragraph compositions which incorporate descriptive, narrative, persuasive, and expository writing. The formal study of grammar and syntax is also an important component of this course.

English 11B: New Media**MNMD-11**

This is a continuation of the Media Studies course from last year. This course will focus on developing original work from the techniques and methods studied last year, such as advertising and podcasting, as well as investigating other ways modern media impacts the message and our society, including mainstream and social media, film and documentary studies as well as digital literacy. Students will also read and analyze literature that is intellectually challenging and hone their critical thinking skills.

English 11C: Creative Writing**MCTWR11**

Students in this course will mix literary analysis with personal writing to explore and expand on concepts introduced in 10A. There will be a focus on the development of personal writing in multiple genres and styles using a variety of models and sources. Students will complete a wide range of readings, literary analysis tasks, presentations and writing tasks over the course of the year. They will become consumers of a variety of genres and styles of writing, and craft increasingly complex original pieces spanning analysis to non-fiction to fiction. Students will begin to build a portfolio of work that can continue into the 12 level elective, which can become part of a professional portfolio should they desire.

English First Peoples 12**MENFP12**

English First Peoples 12 builds upon and extends students' previous learning experiences in English Language Arts courses. The course is grounded in the First Peoples Principles of Learning and will delve deeply into the First Peoples' oral and written literature. It is designed for all students to think critically and creatively as they continue to explore, extend and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Furthermore, through the study of authentic Indigenous text, students will be able to: extend their capacity to communicate effectively in a variety of contexts; deepen their understanding of themselves and sights into key aspects of Canada's past, present and future as related to First Peoples; expand their understanding of what it means to be educated Canadian and global citizens. Students are required to take 4 credits of an Indigenous focused course in order to fulfill requirements for graduation. EFP 12 is a mandatory course for all grade 12 students unless they have taken BC First Peoples 12 which would fulfill the Indigenous focused course requirement. In the case of a student taking BC First Peoples 12, they would need to also take English Studies 12 in order to graduate.

English Studies 12**MENST12**

The English Studies 12 course builds on and extends students' previous learning experiences in ELA 10 and 11 courses. It is designed for all students and provides them with opportunities to refine their communications skills across a variety of contexts to achieve personal and career goals. It is also intended to help students think critically and creatively about the uses of language in texts from a variety of sources, in multiple modes or forms, that reflect our diverse world. It is intended to provide the chance to deepen the understanding of self, how that fits into our changing world, and gain insight into how identity – personal, cultural, national, etc. – is formed. The course also addresses the idea of representation, the idea of incorporating the ideas of reconciliation to connect to the understanding of First People's, and to develop one's understanding of what it means to be an educated citizen of Canada and the World. Students choosing English Studies 12 must also take BC First Peoples 12 to fulfill the Indigenous focused course requirement.

AP English Literature and Composition 12**AELC-12**

AP English Studies 12 is a double credited course that includes both credits for AP English as well as English First Peoples 12. Students will receive 4 credits for AP English as well as 4 credits for English First Peoples 12 upon successful completion of the course. While the course reflects the values of English First Peoples 12 as stated in the above description, the AP option is a rigorous and rewarding course for students who have a passion for literary analysis and critical thinking. In addition to content from English First Peoples 12, students will study other works of recognized literary merit and will use these studies as a basis for writing expository or argumentative formal essays. Independent projects, examinations and oral presentations will also be a part of the program. The emphasis is on literary analysis, critical thinking and reasoned, well developed expression. In addition, students may also elect to write the AP examination, which gives students an opportunity to demonstrate their mastery of interpretive reading and writing skills. A score of 4 or 5 on the exam gives a student credit for first year English at UBC, SFU, UVic and many other post-secondary institutions. Recommendation: Suggested "B" grade minimum in English 11 course, preferably in Lit Studies 11.

English 12B: Creative Writing (Elective)**MCTWR12**

This course is designed to bring polish and sophistication to a portfolio of work that is ready to send out for publication. We will continue with the development of personal writing in multiple genres and styles using a variety of models and sources. Students will complete a wide range of readings, literary analysis tasks, presentations and writing tasks over the course of the year. Genres will be diverse, and there will be a mix of analysis, as well as a diversity of personal writing and presentations of work

Mathematics

Mathematics 8**MMA--08**

Mathematics 8 is designed to develop and reflect upon numeracy skills by combining mathematical knowledge, communication skills, problem solving, reasoning, mental math, estimation, visualization, and the use of technology. Students will learn to understand math in meaningful contexts and link concrete and abstract ideas through concrete, pictorial, and symbolic concepts. Topics covered in this course include proportional reasoning, number operations, algebra, geometry, and financial literacy.

Mathematics 9**MMA--09**

Mathematics 9 continues to develop and build upon the concepts and numeracy skills developed in the Mathematics 8 curriculum. Students will learn to further their thinking through explanations, drawings/models, visualizations, and discussions with others, in order to create deeper understanding. Topics covered in this course include rational number operations, linear relations, polynomials, algebra, spatial proportional reasoning, and financial literacy.

Workplace Mathematics 10**MWPM-10**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. The course will concentrate on algebra, geometry, number sense with practical applications measurement, and trigonometry, and will continue to focus on mathematical processes learned in Math 8 and 9. Students with a credit for Workplace Mathematics 10 are eligible to take Workplace Mathematics 11.

Foundations of Mathematics and Pre-Calculus 10**MFMP-10**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in both the arts and the sciences. The course will concentrate on algebra, number theory and operations, relations and functions, trigonometry, and logical reasoning, and will continue to focus on the mathematical processes learned in Math 8 and 9. Students with a credit for Foundations of Mathematics and Pre-Calculus 10 are eligible to take Foundations of Mathematics 11 or Pre-Calculus 11.

Workplace Mathematics 11**MWPM-11**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. The course will concentrate on measurement, geometry, applications of numbers, algebra, statistics, and financial literacy. While Workplace Math 11 satisfies Ministry of Education graduation requirements, it may not be sufficient for entry into some post-secondary programs. Please check with your individual institutions for details.

Foundations of Mathematics 11**MFOM-11**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs that do not require the study of Calculus, including the humanities, social sciences, and fine arts. This course will concentrate on geometry, logical reasoning, statistics, systems of equations, quadratic functions, and financial literacy. Students with a credit in Foundations of Mathematics 11 are eligible to take Foundations of Mathematics 12. This course meets graduation requirements and leads students towards some university entrance programs. Please check with your individual institutions for details. Recommended Preparation: "C" grade minimum in Foundations & Pre-Calculus Math 10.

Pre- Calculus 11**MPREC11**

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of Calculus. This course will concentrate on quadratic functions and equations, radicals, rational expressions and equations, linear and quadratic inequalities, trigonometry, and financial literacy. Recommended Preparation: "B" grade minimum in Foundations & Pre-Calculus Math 10.

Foundations of Mathematics 12**MFOM-12**

Foundations of Mathematics 12 is a course designed for students who have taken Foundations of Math 11. In this course, students will develop number sense in financial applications, logical reasoning, critical thinking skills involving chance and uncertainty, and algebraic and graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions. *Students are reminded that it is their responsibility to research college/university program requirements prior to selecting their math courses, as these are subject to change.

Pre-Calculus 12**MPREC12**

Pre-Calculus 12 is an academically challenging course designed for students who have been successful in Pre-Calculus 11 and are planning to take Calculus in college/university. In this course, students will develop algebraic and graphical reasoning through the study of transformations of functions, polynomials, exponential and logarithmic functions, radian trigonometry, trigonometric proofs, combinatorics, and rational and radical functions. *Students are reminded that it is their responsibility to research college/university program requirements prior to selecting their math courses, as these are subject to change. Recommended Preparation: "B" grade minimum in Pre-Calculus 11.

Advanced Placement Calculus 12**ACAL-12**

This course is designed for students intending to study Calculus at the college or university. Students intending to take Mathematics, Science, Engineering, or Commerce at the university level should consider this course. This course will concentrate on limits, differentiation, applications to curve sketching, maximum/minimum problems, rate problems, growth-decay problems, methods of integration, and areas and volumes of revolution. Students may elect to write the AP examination. Students achieving a score of 4 or 5 on this exam may apply for standing granted for first semester calculus at many post-secondary institutions. Recommended Preparation: Pre-Calculus 12.

Physical and Health Education

Physical and Health Education 8**MPHE-08**

PHE 8 provides students with a diversified program of activities: weight training, tennis, badminton, basketball, dance, minor games, softball, flag football, wrestling, lacrosse, active health and volleyball. Emphasis is placed on skill development, good sportsmanship and the acquisition of knowledge necessary for the enjoyment and understanding of the activity taught. All students are required to have a T-shirt, gym shorts, socks, and indoor court shoes. Track suits or jogging warm-ups are also fine.

Physical and Health Education 9**MPHE-09**

Students will continue to develop their skills in Use of Knowledge, Movement Composition, Performance, and Social Skills and Personal Engagement.

Strength and Conditioning 9**MPHE-09-SC**

Students may take this course in place of Physical and Health Education 10. This is a course that will prepare students physically and mentally as athletes. Students will participate in a performance training regime that includes free-weight Olympic lifts, flexibility training, speed training, agility training and cardiovascular endurance. Students need to be motivated to get stronger and healthier as they develop their own workout routines. In addition, students will be required to understand and apply the nutritional principles that lead to performance. Leadership and goal setting components will be integrated into the curriculum. Teacher recommendation is required to enroll in this course.

Physical and Health Education 10**MPHED10**

Physical and Health Education 10 assist students in developing positive attitudes towards participation in physical activity, attaining competence and efficiency in motor skills, and developing a positive attitude toward active living in the pursuit of lifelong health and well-being. The curriculum in each course is divided into major activity categories selected to provide a balance between the traditional approaches to physical education and the emerging emphasis on leisure- oriented physical activities. These activity categories are: team games, individual and dual activities, dance, fitness and outdoor pursuits. All students are required to have a T-shirt, gym shorts, socks, and indoor court shoes. Track suits or jogging warm-ups are acceptable.

Strength and Conditioning 10**MPHED10-SC**

Students may take this course in place of Physical and Health Education 10. This is a course that will prepare students physically and mentally as athletes. Students will participate in a performance training regime that includes free-weight Olympic lifts, flexibility training, speed training, agility training and cardiovascular endurance. Students need to be motivated to get stronger and healthier as they develop their own workout routines. In addition, students will be required to understand and apply the nutritional principles that lead to performance. Leadership and goal setting components will be integrated into the curriculum. Teacher recommendation is required to enroll in this course.

Active Living 11**MACLV11**

Active Living 11 will provide students with opportunities to develop greater proficiency in a variety of skills and to reinforce the knowledge, attitudes, and strategies learned previously. Students will experience a variety of recreational activities available within the community, and will identify how such activities contribute to fitness, nutrition, and health management. There is an emphasis on the students' development of leadership skills within the school and the community. Career opportunities in recreation and sports-related businesses will also be explored.

Strength and Conditioning 11**MFTCD11**

This course is for highly motivated students who maintain a healthy lifestyle. Students will learn how to design personal programs for strength and muscular training, flexibility, agility and cardiovascular endurance. In addition, students will learn anatomical and physiological function of the body, diet analysis and nutritional planning. Students are expected to participate in many different types of conditioning exercises. There will also be an in-class unit regarding the use and misuse of nutrition, supplements and drugs. Teacher recommendation is required to enroll in this course.

Active Living 12**MACLV12**

Active Living 12 is an extension of the Physical and Health Education 11 program. While the activity categories include team games, individual and dual activities, and leisure pursuits, the emphasis in PE 12 is on developing and implementing organizational, management and leadership skills in a recreational setting. Topics to be covered include event management, coaching, first aid, sport strategy and peer teaching. Evaluation will include assessment of organizational and leadership skills, and demonstration of knowledge and understanding in written assignments.

Strength and Conditioning 12**MFTCD12**

This course is for highly motivated students who maintain a healthy lifestyle. Students will learn how to design personal programs for strength and muscular training, flexibility, agility and cardiovascular endurance. In addition, students will learn anatomical and physiological function of the body, diet analysis and nutritional planning. Students are expected to participate in many different types of conditioning exercises. There will also be an in-class unit regarding the use and misuse of nutrition, supplements and drugs. Teacher recommendation is required to enroll in this course.

Science

Science 8**MSC--08**

Science 8 provides students with the opportunity to develop their knowledge and skills in science. Students are introduced to the scientific method, putting their skills into practice through various design labs and analytical tasks. Students are also encouraged to extend their knowledge to their daily lives, reflecting on the questions of "why" and "how" and applying what they have learned. Topics covered in this course include basic chemistry, cell biology, properties of light, and plate tectonics.

Science 9**MSC--09**

Science 9 continues to give students the opportunity to explore and develop their scientific knowledge, skills, and attitudes. Students will continue to develop their skills in applying the scientific method as they design labs and analyze data. Topics covered in this course include chemistry, cell biology and reproduction, electricity, and cycles of matter.

Science 10**MSC--10**

Science 10 continues to provide opportunities for students to explore and develop scientific knowledge and skills prior to entering their senior years. The course covers topics in chemistry, genetics, motion, energy transfer, and space. Students will further hone their skills in designing labs and analyzing data. Our goal is to develop a holistic student who gains scientific knowledge through the process of inquiry.

Chemistry 11**MCH--11**

Chemistry 11 is an introductory course designed to lay a solid foundation for future studies in higher levels of chemistry. This course emphasizes the proper use and care of laboratory equipment, observation of experimental chemical reactions, and analysis of data and verification of scientific principles. Major topics covered include the nature of matter, mole concept, chemical reactions, atomic theory, solution chemistry, and organic chemistry. Recommended Preparation: "C+" grade minimum in Science 10 and Math 10.

Life Sciences 11**MLFSC11**

Life Sciences 11 is an introductory course designed to give students an appreciation for the living world. It addresses the three main ideas of life, evolution and organisms. It also introduces the students to a variety of biological skills and scientific processes. Students in Life Sciences 11 will investigate the scientific method and principles, cells, micro and macro evolution, taxonomy and classification of all organisms. Laboratory work includes microscopy and dissection of various specimens. A final exam worth 20% of the final grade will be written at the end of the year. Recommended Preparation: "C+" grade minimum in Science 10.

Physics 11**MPH--11**

Physics 11 is a course designed to provide insight into the nature, relevance, and limitations of classical physics. Students will be better prepared to analyze and understand the everyday world and its natural phenomena. Topics covered include kinematics, dynamics, momentum, work, power, energy, waves, and special relativity. Recommended Preparation: "C+" grade minimum in Science 10 and Math 10.

Science for Citizens 11**MSCCT11**

Science for Citizens is a course designed to study scientific processes and knowledge in order to inform our decisions and impact our daily lives. Students will investigate how scientific understanding enables humans to respond and adapt to changes locally and globally, and learn how scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment.

Anatomy and Physiology 12**MATPH12**

Anatomy and Physiology 12 focuses on human biology, allowing students to develop an interest in and in understanding of science by looking at themselves and seeing how the diverse body systems are integrated. The big ideas in this course include homeostasis, gene expression and organ systems. The following topics will be covered in detail: biological molecules, cell and cell organelles, DNA and gene expression, protein synthesis, organ systems and how different lifestyle differences effects human health. Recommended Preparation: "C+" grade minimum in Life Sciences 11. It is also recommended that Chemistry 11 is to be taken before or concurrently with this course.

Psychology 12 (Elective)**YPSYC2A**

Psychology 12 is a course designed for students who are interested in the fields of Psychology and Neuroanatomy, allowing students to further develop their interest in how our brains and minds work. Students will learn about various topics in the field of psychology and will apply these scientific principles and understandings to the real-world issues and problems that are relevant to their everyday life. Topics covered include, but are not limited to: brain anatomy, consciousness, stress and health, memory, personality, perception, attention and psychological disorders and brain injuries. Students will also be given various opportunities to explore aspects of psychology that are relevant to them.

Chemistry 12**MCH--12**

This course is a detailed study of chemical concepts which will enable a student to gain a more useful perspective of chemistry and its relationship to industrial and environmental processes. The major topic areas are rates of chemical reactions, dynamic equilibrium, solubility equilibrium, acid-base equilibrium, and electrochemistry. Recommended Preparation: "C+" grade minimum in Chemistry 11 and Pre-calculus 11.

Physics 12**MPH--12**

Physics 12 expands on topics covered in Physics 11 and challenges students with a more rigorous mathematical analysis of the everyday world. Students enrolled in this course will be sufficiently prepared for further studies in physics. Topics covered include vector kinematics, vector dynamics, vector momentum, work, power, energy, circular motion, electrostatics, electromagnetism, and electricity. Recommended Preparation: "C+" grade minimum in Physics 11 and Pre-calculus 11.

Social Studies

Social Studies 8**MSS--08**

Students will use geography skills and historical analysis to understand the development of world civilizations. Students will examine factors that have shaped modern society and make connections between the past and the present.

Social Studies 9**MSS--09**

Social Studies 9 builds on themes developed in Individuals and Societies 8. Starting by looking at Canadian foundations in Europe, students will study the building of Canada as a nation through to Confederation. Students will analyze Canadian history through both the European and First Nations lens. Geographic knowledge and skills previously acquired are reinforced and expanded through a study of Canada's present economy.

Social Studies 10**MSS--10**

Social Studies 10 deals with fundamentally important topics and issues that are basic to citizenship in Canada and the world. Students will examine the historical background and structure of our federal, provincial, and municipal governments. Another aspect of Individuals and Societies 10 is an in-depth study of current global issues such as population explosion, the food crisis, resource allocation and Third World development. Equally relevant is a thorough study of Canada's development as an independent nation and its role in the world community during the twentieth century. Highlights of this section of the course are World War I, the Depression, World War II, peacekeeping, and the socioeconomic growth of the nation.

20th Century World History 12**MWH--12**

This course examines the history of world affairs in the 20th century, concentrating on the time period between 1919 and the present day. Included are the effects of the world wars, the decline of European power, the polarization of the Cold War, the end of colonial empires, and the emergence of a new modern era, including an emphasis on human rights. Students should be aware that critical thinking, analysis of historical information and essay writing are important parts of the course.

Asian Studies 12**MASIA12**

The course will examine political, social, economic and environmental issues in various parts of Asia from 1850 to present. Students will study the diversity of these regions including how the nations of Asia evolved into their present states and how people currently live in this part of the world. They will learn about modern day geographical and economic trends such as urbanization, standard of living, globalization, migration within and away from Asia, and how these factors contribute to growth, poverty, and inequality. Regional and global conflict and cooperation, and social and political movements, including human rights initiatives will be explored. Asian Studies will expose students to different viewpoints and perspectives that are underrepresented within the greater Canadian and Western historical and modern-day narrative as well as Canada's historical and current connections to the continent.

BC First Peoples 12**MBCFP12**

The course focuses on the diversity and depth of the cultures of British Columbia's First Nations. In emphasizing the languages, cultures, and history of First Nations peoples, the course addresses an important part of the history of British Columbia. Designed to introduce authentic Aboriginal content into the senior secondary curriculum, the course provides an opportunity for BC students to acquire knowledge and understanding of the traditions, history, and present realities of BC Aboriginal peoples, as well as a chance to consider future challenges and opportunities. The course incorporates an important balance of expository and experiential learning. BC First Nations Studies addresses the richness and diversity of First Nations languages and cultures by exploring them within their own unique contexts. It is intended to provide a conceptual foundation for all learners to develop an appreciation and respect for similarities among and differences between the diverse cultures of the world. This course meets the new graduation requirement to have 4 credits in an Indigenous Focused course, and the Social Studies 11 or Grade 12 elective requirement for the Graduation program for all students graduating in B.C. after September 2023.

Geography (Human) 12**MHGEO12**

Geography is the study of the physical, natural and human elements of the global environment. The course examines many of the characteristics, processes, distributions and interactions among the physical components of the Earth's surface. Studies include natural disasters, plate tectonics, climate, weather, demography, human and environment interactions, resources as well as the impact of climate change, global political and economic inequalities that continue to cause issues within the planet. The course will also allow for an in-depth study on sustainability. Course work will include mapping skills, air photo interpretation and labs, presentations, and a week-long field trip to the Rocky Mountains or California.

Law Studies 12**MLST-12**

Do you want to understand how the legal system works so you can make your life better? Do you have a passion for doing the right thing and thinking deeply about big questions and even bigger ideas? If so, then this is the course for you! This course is designed to give students an understanding of Canada's legal system. The topics covered include criminal law, civil law (including torts), family law, contracts, the structure of Canada's court system, and the Charter of Rights and Freedoms. Current legal issues are also discussed in class. The course will include mock trials and may also include guest speakers and visits to the criminal courts. Prepare to write, prepare to read, and prepare to think – but rest assured, the work will be well worth it in the end.

Social Justice 12**MSJ--12**

The aim of Social Justice is to raise students' awareness of social injustice, to enable them to analyze situations from a social justice perspective, and to provide them with the knowledge, skills, and an ethical framework to advocate for a socially just world. Past and present social injustices in Canada and the world are analyzed, looking at the lasting impacts. Students will also study how governmental and non-governmental organizations shape society. Topics include: environmental justice, poverty, homelessness, racism, gender, LGBTQ, human rights, First Nations, genocide, and globalization.

English Language Learning

Special support is provided to students whose first language is not English. Initial placements to the program are carried out by district ELL staff. Students work through levels 1 through 5. Beginner levels of ELL are 1 and 2 while intermediate levels are 3 and 4. ELL levels 1 and 2 focus on intensive English acquisition in speaking, listening and vocabulary building in the subjects of Science, English Culture Studies, and Social Studies. Levels 3 and 4 focus on more academic writing and reading in the subjects of Social Studies and English. Students at level 5 continue to enrich their understanding of English in their regular courses and receive support from an ELL specialist teacher.

At levels 1-3, students will be enrolled in one ELL block each semester. All ELL students will also be supported by a specialist teacher throughout the year during other classes. ELL students are encouraged to work with their counsellor to ensure that their program meets their needs, especially in the graduation program (grades 10-12).

Grade 8

ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
ELL 1A	ELL 2A	ELL 3A	Math 8	Math 8
ELL 1B	ELL 2B	ELL 3B	Science 8	Science 8
Math 8	Math 8	Math 8	Social Studies 8	Social Studies 8
Science 8	Science 8	Science 8	English 8	English 8
PHE 8	PHE 8	PHE 8	PHE 8	PHE 8
Applied Design Skills Tech 8	Applied Design Skills Tech 8	Social Studies 8	Applied Design Skills Tech 8	Applied Design Skills Tech 8
French 8 or Elective	Social Studies 8 or French 8 or Elective	French 8 or Elective	French 8	French 8
Elective	Elective	Applied Design Skills Tech 8	Elective	Elective

Grade 9

ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
ELL 1A	ELL 2A	ELL 3A	Math 9	Math 9
ELL 1B	ELL 2B	ELL 3B	Science 9	Science 9
Math 9	Math 9	Math 9	Social Studies 9	Social Studies 9
Science 9	Science 9	Science 9	English 9	English 9
PHE 9	PHE 9	Social Studies 9	PHE 9	PHE 9
Elective	Social Studies 9 or Elective	PHE 9	Elective	Elective
Elective	Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective	Elective

Grade 10

ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
ELL 1A	ELL 2A	ELL 3A	Math 10	Math 10
ELL 1B	ELL 2B	ELL 3B	Science 10	Science 10
Math 10	Math 10	Math 10	Social Studies 10	Social Studies 10
Science 10	Science 10	Science 10	An English 10	An English 10
PHE 10	PHE 10	Social Studies 10	PHE 10	PHE 10
Career Life Education	Social Studies 10 or Elective	PHE 10	Career Life Education	Career Life Education
Elective	Career Life Education	Career Life Education	Elective	Elective
Elective	Elective	Elective	Elective	Elective

Grade 11

ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
ELL 1A	ELL 2A	ELL 3A	Math 10 or 11	Math 10 or 11
ELL 1B	ELL 2B	ELL 3B	Science 10 or 11	Science 10 or 11
Math 10 or 11	Math 10 or 11	Math 10 or 11	Social Studies 10 or 11	Social Studies 10 or 11
Science 10 or 11	Science 10 or 11	Science 10 or 11	An English 10 and/or An English 11	An English 11
Social Studies 10 or 11	Social Studies 10 or 11	Social Studies 10 or 11	Elective	Elective
Elective	Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective	Elective

Grade 12

ELL 1	ELL 2	ELL 3	ELL 4	ELL 5
ELL 1A	ELL 2A	ELL 3A	Math 10 or 11 or 12	English Studies 12 or English First Peoples 12
ELL 1B	ELL 2B	ELL 3B	Science 10 or 11 or 12	Elective 12
Math 10 or 11 or 12	Math 10 or 11 or 12	Math 10 or 11 or 12	Social Studies 10 or 11 or 12	Elective 12
Science 10 or 11 or 12	Science 10 or 11 or 12	Science 10 or 11 or 12	An English 10 and/or An English 11 and/or English Studies 12 or English First Peoples 12	Elective 12
Social Studies 10 or 11 or 12	Social Studies 10 or 11 or 12	Social Studies 10 or 11 or 12	Elective	Elective
Elective	Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective	Elective

Student Support Services

The Learning Centre

The Learning Centre is staffed with a team of Learning Resource Teachers and offers two types of academic support to Hugh Boyd Students:

Learning Strategies

XLDCA08 / XLDCA09 / YED--0A / YED--1A / YED--2A

*Students enrolling in Learning Strategies should request this in the **Notes for Counsellor** field on MyEducationBC.

A Learning Strategies block offers targeted enrolled support to students who are working on an IEP and/or require on-going academic support in order to successfully meet the learning outcomes of their courses. The Learning Strategies block, generally taken in place of a language or an elective, offers students direct support in academics, skill building, organization, and study skills. Students are typically referred to the Learning Centre program by their elementary school, although referrals can be made through the counselling team throughout their years at Hugh Boyd.

Placement in a Learning Strategies block is determined by the School Based Team (SBT) consisting of resource teachers, classroom teachers, counsellors, and administration. Students are required to utilize the support of the drop-in service before being considered for enrollment in a Learning Strategies block.

Learning Centre Drop-In Support

The Learning Centre also offers universal academic support on a drop-in basis to all Hugh Boyd students. Students are welcome to come to the Learning Centre with teacher permission during their classes for support with homework, assignments, and project work.

Access Program

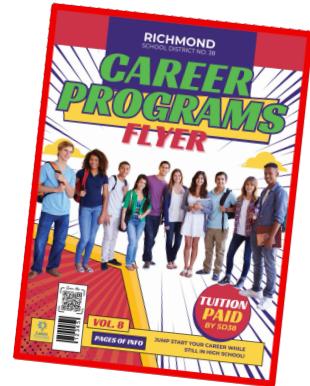
The Resource department's Access Program is designed to meet the needs of students who have Diverse Abilities.

A Transition Plan begins in January and is followed through until the new school year. IEP meetings happen in the Fall. Goals are met with possible support from Educational Assistants, Resource Teachers, Classroom Teachers, Speech and Language Consultants, Counselors, District Consultants, working closely with school Administration. Students are integrated into mainstream classes as well as get a Support Resource Block as needed.

In their Support Resource Block students receive help with their regular/adapted/modified class assignments, functional life skills, community experience, social skills, job preparation. Once the students have reached Gr. 10, they may opt to choose the path of Work Experience or continue to work towards their Evergreen Certificate.

DUAL CREDIT PROGRAM/COURSE OPTIONS FOR Gr. 10-12 STUDENTS

Take university/college courses while in high school !!!



- The Richmond SD38 Career Programs Office (CPO) offers several **DUAL CREDIT*** programs and courses for students to take while in high school. The CPO is located at Cambie Secondary School.
- *DUAL CREDIT:** Students **earn both high school and post-secondary credits** for the programs they take. The high school credits count toward a student's GPA.
- TUITION is FREE** for dual credit programs/courses (trades training and degree/certificate courses).
- Applications are posted on our website, and "TUESDAY DUE DAYS" are listed in our brochure.
- Find details on our Career Programs slat board inside or just outside your school's counselling area.

View our website: <https://careerprograms.sd38.bc.ca>

View our brochure:



Attend a virtual info session:



Check out our MANY Program Offerings Here:

(Click on the tiles or the Programs tab to view a drop-down list.)



Choose from these and MANY MORE!

- Trades Training (Professional Cook, Plumbing/Piping, Auto Service, Aircraft Maintenance, Electrical, Carpentry and much more!)
- Medical Lab Assistant, Health Care Assistant and NEW Intro to Medical & Health Science Program
- Intro to Early Childhood Education
- Manufacturing and Engineering Co-op (@ Burnett)

In Partnership with:



For more information contact your School Counselor, Career Information Advisor or the District Career Programs Office at 604-668-6000 (extension 3766). Email: careerprograms@sd38.bc.ca

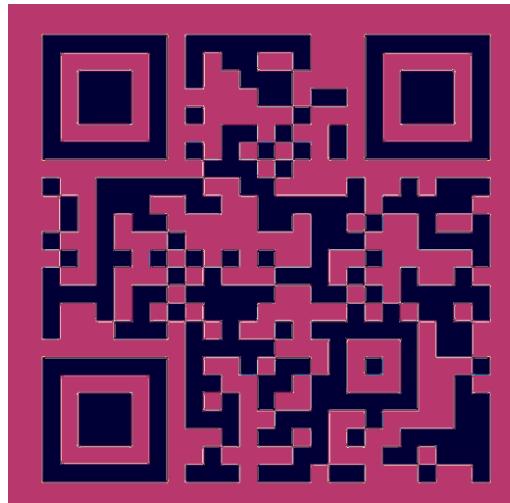


Online learning from K-12

Our mission is to provide blended courses that respond to the needs of Richmond students with flexibility, quality and service. As a result, RVS has one of the highest completion rates in BC!

RVS Offers:

- Hybrid (in-person and online) Academic & Elective Courses
- Fast-Track Summer Courses
- Dance & Athlete Programs, AP Psychology, Entrepreneurship, Leadership, Cybersecurity, Work Experience, Project Based Learning options and more!



Register Today for RVS 



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Call 604-668-6371 | Email rvs@sd38.bc.ca

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Spring-Summer-Fall 2026

[Projected Course List]

SPRING SEMESTER 2

JAN.27 – JUN.19, 2026

Registration open until Feb.12, 2026

20th Century World History 12
 Accounting 11
 BC First Peoples (SS) 12
 Calculus 12
 Career Life Education 10 (*RVS Online only*)
 Chemistry 11
 Computer Programming 11-12
 Cybersecurity 11-12
 Economics 12
 English 11 (Literary Studies)
 English Studies 12
 English First Peoples 11 (Literary Studies)
 English First Peoples 12
 Entrepreneurship 12
 Foundations of Math & Pre-Calculus 10
 Foundations of Math 11, 12
 French 10, 11, 12
 Law 12
 Life Science 11
 Mandarin 11, 12
 PE 10-12
 Physical Geography 12
 Physics 11, 12
 Pre-Calculus 11, 12
 Psychology 12 (YPSYC2A)
 Robotics & Drones 10-12
 Science 10
 Social Studies 10

SUMMER SEMESTER 3

JUN.29 – AUG.7, 2026

Registration open Feb.17 until Jun.25, 2026

Anatomy & Physiology 12
 BC First Peoples (SS) 12
 CADD and Animation 10-12
 Career Life Education 10
 Chemistry 11, 12
 Computer Programming 11-12
 Cybersecurity 11-12
 Drafting & Animation 10-12
 English 10, 11, 12
 English First Peoples 10, 11, 12
 Foundations & Pre-Calculus Math 10
 Foundations of Math 11, 12
 French 10, 11, 12
 Life Science 11
 Mandarin Intro.11, 11, 12
 PHE 10-12
 Photography 10-12
 Physical Geography 12
 Physics 11, 12
 Pre-Calculus 11, 12
 Robotics & Drones 10-12
 Science 10
 Social Justice 12
 Social Studies 10
 Video Game Development 11
 Work Experience 12

FALL SEMESTER 1

SEPT. 2026 – JAN., 2027

Registration open Feb.17 until Sept.29, 2026

Anatomy & Physiology 12
 BC First Peoples (SS) 12
 Calculus 12
 Career Life Education 10 (*RVS Online Only*)
 Chemistry 12
 Economics 12
 English First Peoples 12
 English Studies 12
 French 11, 12
 Foundations & Pre-Calculus Math 10
 Foundations of Math 11, 12
 Mandarin 12
 PE 10-12
 Physical Geography 12
 Physics 11, 12
 Pre-Calculus 11, 12
 Psychology 12 (YPSYC2B)

FALL LINEAR 2026

SEP. 8 – JUN. 2027

Registration open Feb. 17 until Oct.23, 2026

AP Psychology (APSY-12 *Optional AP Exam in May)
 Career Life Connections 12 (*RVS Online only*)
 PE 10-12

CONTINUOUS ENTRY

25/26 Registration open until Feb.12, 2026
 26/27 Registration open until Feb.12, 2027

Career Life Connections 12 (*RVS Online only*)
 Cybersecurity Co-op 12
 PE 10-12

Please note: these courses are asynchronous and students will begin and complete at different times. Students will be encouraged where possible to be on a semester or linear completion schedule.

DANCE & ATHLETE

25/26 Registration open until Feb.12, 2026
 26/27 Registration open until Feb.12, 2027

Dance Choreography 10-12
 Dance Company 11, 12
 Dance Performance 10-12
 Fitness & Conditioning (HP/ADP/Oval) 10-12
 PE (HP/Oval) 10-12
 Theatre 10-12

Please visit: rvs.sd38.bc.ca for more info. on courses/programs or contact RVS with inquiries
 Phone: **604-668-6371** or email: rvs@sd38.bc.ca

SCHOOL SPECIFIC OPTIONS

Must be enrolled at listed school:

CLC 12 (all schools)
 CLE 10 (Cambie, McMath, McNair, RSS)
 Choir and Jazz Band (Palmer, RSS, McMath)
 Digital Media & Video Production (Boyd)
 Engineering 11 (Burnett/Career Programs)
 Food Studies 11, 12 (MacNeill)
 Leadership 11, 12 (Boyd, McNair)
 Outdoor Education 11, 12 (McMath)
 Peer Tutoring (Boyd, Burnett)
 Yearbook 10-12 (McNair)
 Other (as announced by your school)

Meetings:

Weekly course meetings take place in central Richmond at R.C. Palmer Secondary. School specific courses take place at the indicated school. Dance & Oval programs have meetings as arranged by the teacher.

All courses are subject to enrollment and staffing

DISTRICT PROGRAMS

Visit the district website for more information



Blended Learning is a full-time program for students in Kindergarten to grade 7. Students are supported through online class instruction, self-directed learning supported at home, field trips and events at Grauer Elementary.



RAIL is a blended, interdisciplinary program where students complete grades 8 - 9 through project-based learning.

CLICK HERE:

Register Today for RVS