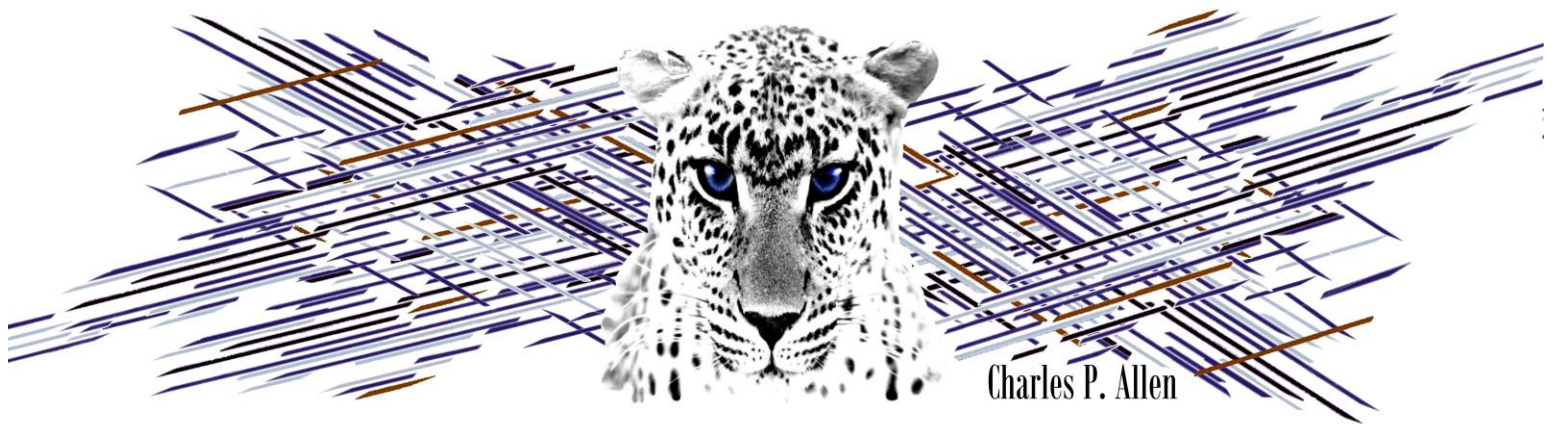


Charles P. Allen High School Grade 10 Course Booklet 2019 – 2020



Charles P. Allen

<https://sites.google.com/gnspes.ca/cpaguidance/home>

Charles P. Allen High School

Dear CPA Students,

This course selection booklet is designed to help you and your family plan for your future. CPA offers the most up to date PSP and IB courses. We know that to select from the myriad of choices available presents a challenge. It will be important for you to talk to family members, teachers, guidance counsellors, former students, universities, and community colleges to prepare you for what awaits as the world opens up to you. Our student services team, Mr. MacDonald, Mr. Cordi, and Ms. Aucoin, will be meeting with students and parents early in the new year to assist you in this process.

As an active participant in the learning process, you the learner will make choices about your future career plans. Programs like Options and Opportunities, French Immersion and International Baccalaureate should be examined to see if they might be the right fit for you. Supports such as Guidance Counsellors, African Nova Scotian Student Support, Mi'kmaq/Aboriginal Student Support, Youth Health Centre, YMCA Student Support, are available to facilitate and enhance learning. High school is meant to provide successful "Life to Work" transition options in many fields of study. When choosing courses it is important to think about yourself as a learner and what subjects you truly enjoy.

One of the greatest benefits to being a student at CPA is the extracurricular life. There are so many activities to participate in, provided by a committed staff of teacher advisors, and a very active student council and athletics department. So, jump in, plan to have fun and come learn with us at CPA in 2019-2020!

Next year, 2019-2020 will be a new and exciting year for our school community. It is important that parents/guardians play an active role in your child's education. Checking PowerSchool, ensuring your child attends regularly, and contacting your child's teachers or administrators if you have any questions or concerns will enhance your child's experience.

Regards,

Stephanie Bird
Principal

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School Contact Information

School Phone (902) 832-8964
School Fax (902) 832-8981

Principal	Stephanie Bird	Ext 7551002	
Vice-Principals	Paul Betuik	Ext 7551005	Surnames A-F & Mc
	Bruce MacKay	Ext 7551003	Surnames G-M
	David Chisholm	Ext 7551004	Surnames N-Z
Counsellors	Turk MacDonald	Ext 7551009	Surnames A-F & Mc
	Riccardo Cordi	Ext 7551010	Surnames G-M
	Tara Aucoin	Ext 7551006	Surnames N-Z

Course Selection Advice for Students

- ◆ All students who expect to graduate with a Nova Scotia High School diploma are required to meet the graduation requirements listed below.
- ◆ Carefully read all course descriptions found in this booklet.
- ◆ Check with teachers/guidance to find out about specific course requirements – labs, lectures, projects, prerequisites, etc.
- ◆ Determine if particular courses fit into your career plans.
- ◆ Check to make sure that you have all the prerequisites needed to attain your career goals, not just those required for high school graduation. Please check with post-secondary institutions or guidance to determine their admission requirements. Feel free to contact universities and community colleges directly for updated information. You can also create a My Blueprint account at <http://myblueprint.ca/halifax> to start your career exploration process.
- ◆ If you have any questions pertaining to registration, be advised that your counsellor will meet with you before registration is complete.

Nova Scotia High School Graduation Requirements

18 credits of which 13 are compulsory

- 3 English – one from each grade level (10,11,12)
- 3 Math – one course from each grade level (10,11,12)
- 2 Science – Science10 and one other science course
- 1 extra from Math / Science / and (or) Technology*
- 1 Fine Arts
- 1 Physical Education
- 1 Canadian Studies**
- 1 Global Studies***
- 5 Elective Credits

Please Note: No more than 7 credits may be coded Grade 10 level courses; at least 5 must be coded Grade 12 level courses.

* can be from mathematics (essentials, at work, or academic), science (SCI10, HBO11, BIO, OCE, GEL, CHE, FS or PHY) and/or technology (BT11, DES11, EXT10, FAV12, CP12, MULT12, ANT11, PDT11/12, HTT12, CNT10, CMT11, ELECTR11, APR12)

** Canadian History 11, African Canadian Studies 11, Mi'kmaq Studies 11 or Histoire Canadienne 11 Imm

***Global Geography 12, Global History 12, Histoire Planétaire 12 Imm

Course Change Procedures

Course changes will only be considered in the following circumstances:

1. the scheduling process has resulted in an incomplete schedule
2. a course and its prerequisite are in reverse order on a student's schedule
3. a course is scheduled for which a credit has been granted
4. a potential graduate wishes to reduce the course load to three courses in a semester
5. a course change request is granted for the following prioritised reasons:
 - a potential graduate lacks a required course to complete grad requirements
 - a student is scheduled in a course without the recommended prerequisite

French Immersion

To be eligible for the High School French Immersion Certificate, students at the high school level must:

- Take Français-Immersion 10, 11 and 12.
- A total of nine French Immersion courses are required.
- Junior High French Immersion students are not permitted to select core French courses.

Grade 10

Français-Immersion 10
Histoire Ancienne 10
Mathématiques 10 (2 crédits)
Sciences 10
Arts Dramatiques 10
Yoga 11 Imm

Grade 11

Biologie 11
Histoire Canadienne 11
Français-Immersion 11
Yoga 11 Imm
Océans 11 Imm (NSVS)
Biologie 11 (NSVS)
Biologie 11 Avancée (NSVS)

Grade 12

Français-Immersion 12
Histoire Planétaire 12
Biologie 12 (NSVS)
Biologie 12 Avancée (NSVS)
Études Planétaires 12 (NSVS)

Please Note: Students must enroll and will be guaranteed placement in a minimum of 4 French Immersion credits for grade 10. In situations where the immersion credit is unavailable, the student will be placed in the English version of the course.

DELFL French Language Diplomas

The **DELFL** (*Diplôme d'études en langue française*) is the official French-language diploma awarded by France's Ministry of National Education. It is recognized around the world and is valid for life. The DELFL diplomas evaluate a student's ability to communicate, both orally and verbally. As an official certification of second-language proficiency, the DELFL tests the ability of students to use French in real-life situations. The DELFL examinations are an opportunity for high school students to demonstrate their French-language skills and to be rewarded for their hard work at school.

For more information on the DELFL, students can speak with one of the guidance counsellors or access the following website:

<https://delf-dalfl.ambafrance-ca.org/>

International Baccalaureate Diploma Program

Diploma Preparation, Grade 10 (commonly referred to as the CPA Pre-IB program)

The IB Program does not begin until the Grade 11 year. However, the province of Nova Scotia has created five Diploma Preparation (DP) classes for students in Grade 10 who may be interested in taking IB. These classes follow provincial curriculum and explore concepts with enrichment in order to prepare students for the courses they will take in the IB program. Some IB style assessments are introduced in the DP classes. Students will develop skills in critical thinking, essay writing, commentary development for language courses and numerous other skills that will prepare them well as they continue on the IB path. A student who takes DP is expected to continue on the IB path through grade 11 and 12. Alternatively, a student who does not take DP is still able to enter the program in grade 11. A DP student chooses from a set list of classes, which include:

- Diploma Preparation Math (Note: Academic math can be a choice for students who see the liberal arts as an area of strength.)
- Diploma Preparation English
- Diploma Preparation French (*Immersion students are not eligible*)
- Diploma Preparation History
- Diploma Preparation Science

Note: If a student is unsuccessful in either English 10/English 10 Diploma Prep or Math 10/Math 10 Diploma Prep they will not be eligible to enter the IB as they will be required to take these credits in their grade 11 year.

Course Descriptions: Listed in Alphabetical Order

Biologie 11 FI (academic)

Course description is the same as Biology 11.

Biology 11 (academic)

There are four themes in Biology 11:

Matter and Energy for Life: Cells are the basic units of life. The roles of membranes and organelles in matter exchange and energy flow and production are studied.

Biodiversity: This unit investigates the diversity and universality of living things

Dynamic Equilibrium I: This unit investigates the role of various systems and the influence of disruptions to the systems on homeostasis.

Interactions among Living Things: This unit investigates Canadian ecology and the role of various factors on population dynamics and population change.

Business Technology 11 (academic)

Business Technology 11 provides a context in which students may become skilled, critical users of information and communication technology (ICT), become aware of and respect ethical/social and legal implications of document production, apply the conventions and principles of document production, construct documents that efficiently and effectively communicate information,

Ideas, and concepts, and become contributing and collaborative members of a work culture

Business Technology 11 consists of five modules: Touch keyboarding, document processing, spreadsheets, desktop publishing, and business technology fundamentals.

Career Development 10 (open)

Career Development 10 is a course designed to expose students to workplace cultures, career options, financial planning, workplace standards and personal awareness and development.

This also includes the development of a portfolio to aid students in attaining and understanding their strengths and employability skills. This course provides a holistic approach to career education.

Communications Technology 11 (academic)

This hands-on course is designed to explore various concepts that deal with how we communicate in an ever-changing world of technology. Through hands on activities students explore electronic, print and web communication in a well-equipped media lab with equipment such as digital point and shoot and DSLR cameras, and a range of specialized and industry standard computer applications such as Adobe's Creative Suite CS6. The course emphasizes an appreciation for the origins and previous forms current means of communication are founded upon, as well as using current and emerging forms of communications technology for learning and collaboration. If creating a range of media products and learning about various forms of communication and their limitations and best applications, then this course will prove valuable to you! Students develop an electronic portfolio of their successes in the course that can be used as an entry point in applying to Post Secondary Schools. Technological experience is not necessary, as this course enables students to develop competence in using all required equipment and software.

Construction Technology 10 (open)

This course is designed to develop an understanding of construction technology. This will be accomplished by exploring construction development, planning, tools, light construction, future developments and careers in a problem solving fashion. Activities will include blue print reading, surveying, foundations, building construction, finish carpentry.

Dance 11 (academic)

Dance 11 is designed for all students with or without previous formal dance training. It emphasizes creative movement as a form of communication and self-expression, as a unique way of learning about oneself and others. Learning experiences in this course offer students opportunities to explore a range of dance styles with more focused work in a few genres. Students will have numerous opportunities to perform their original pieces to an audience. The course is comprised of four components: elements of movement, creation and composition, presentation and performance and dance and society.

Diploma Preparation Course Descriptions – For Students Moving Into IB in Grade 11-12

Diploma Preparation Math 10 / Math 10 FI (academic)

This course is an enriched Mathematics 10 program designed for an academically driven student who demonstrates a strong work ethic and a keen interest in the study of mathematics. Students in this course should have had success in previous math courses and be willing to balance the demands placed upon them in an academically challenging environment. The course will cover the NS curriculum for Math 10 in addition to several topics from the NS Grade 11 and 12 curricula. **This course is under revision and will likely change for the upcoming 2019-20 academic year.**

Diploma Preparation English 10 (academic)

This course is an enriched English 10 program. Students wishing to take this course should be motivated learners with a desire to participate in literacy analysis and criticism beyond the scope of the regular English 10 course. Students who are, or are willing to become, avid readers and capable writers are recommended for this course. Diploma Prep English is taught with a focus on the international literary community. **This course is under revision and will likely change for the upcoming 2019-20 academic year.**

Diploma Preparation French 10 (Immersion students are not eligible) (academic)

This course is designed for the non-Immersion French students. All teaching is done in French, and as a result, students attain a high level of oral proficiency by the end of the course. Students interested in increasing their ability to speak and use the French language are recommended for this course. **This course is under revision and will likely change for the upcoming 2019-20 academic year.**

Diploma Preparation History 10 (academic)

This course is an enriched Ancient History program. Students wishing to take this course should have an interest in History, and a willingness to improve their knowledge through composition, analysis, and researching documents. **Please Note: Histoire Ancienne 10 FI is an appropriate preparatory course for the IB program. This course is under revision and will likely change for the upcoming 2019-20 academic year.**

Diploma Preparation Science 10 / Science 10 FI (academic)

This course is an enriched Science 10 program. Students wishing to take this course should be prepared for a study of Chemistry, Physics and sustainability beyond the scope of the regular Science 10 program. Students who are capable mathematicians and problem solvers, and who are highly interested in and motivated by the sciences, are recommended for this course. **This course is under revision and will likely change for the upcoming 2019-20 academic year.**

Drama 10 (academic)

Drama 10 is an introductory course in drama focusing on the personal, intellectual, and social growth of the student. Through extensive work in improvisation students gain confidence as they explore and communicate ideas, experiences, and feelings in a range of dramatic forms, such as dramatic movement and mime, dramatization, choral speech and group drama. Opportunities for students to share and present their work are provided throughout the course. Drama 10 provides a foundation for future course work in drama and theatre.

Dramatique, Arts 10 (academic)

Course description is the same as Drama 10.

English 10 (academic)

The writing process is a critical focus of the English 10 program. Students will be exposed to a variety of written work with emphasis on the essay, citations and MLA format, poetry and other written work from a range of genres. English 10 emphasizes proficiency in using oral language for a variety of purposes.

Personal connection to literature develops both skill and pleasure in reading.

Evaluation will be based on formative and summative assessments.

This course meets Grade 10 English Requirements and serves as a prerequisite for any grade 11 English course.

Exploring Technology 10 (academic)

This course is based on an academic and practical approach to technological systems and problems. Students will complete four out of six modules including introduction to technology (mandatory), green technology, media design technology, control systems technology, engineering systems technology and exploring trades technology. The three themes of this course are design, innovation, and problem solving.

Français-Immersion 10 (academic)

This immersion course emphasizes using French for a variety of purposes. Students are engaged in listening and speaking experiences that require them to communicate information and respond orally to a variety of texts, such as conversations, documentaries, articles, poems, short stories, and novels. Reading and literature include articles, poems, short stories, and novels. Students are engaged in written activities through which they present information, and express their feelings about different events and situations. The course also explores other forms of viewing and representing.

French-Core 10 (academic) Recommended Prerequisite: Grade 9 French

French-Core 10 is primarily geared toward improvement of speaking and understanding, as well as developing reading and writing skills. Topics may include health and fitness, relationships among adolescents, school and school systems. Daily class activities will focus on typical everyday French conversations and situations through which students will practice newly acquired grammar structures. Beside their textbook, students will use other materials and resources such as magazine articles, songs, games, types, modules and films.

Notes: *Students are required to speak French only in class.*

Students will be given the option to purchase a workbook for this course.

Geography 10 (academic)

This course will help students to understand physical geography through a thematic approach.

Units included in this course: Mapping: map skills using topographic maps (contour lines map scale conversions), Energy Systems: Relationship between moon, sun and stars, earth's seasons, The Lithosphere: building up the land. (plate tectonics, volcanoes, geological time scale), Gradational Processes: wearing down the land (water cycle, running water, glaciation, oceanography, desertification), Eco-systems: all living things (maritime ecosystems, rainforests, boreal forests, grasslands).

Histoire 10 FI (Diploma Prep for French Immersion) (academic)

This course explores the ancient civilisations of Mesopotamia, Egypt, Greece, and Rome. Histoire 10 FI will extend students' understanding of emerging world civilisations through a multi-faceted approach with particular emphasis of research and critical thinking skills. Independent learning, reflection, and literacy will be fundamental to the course. The teaching of research skills (historiography) is integrated within the course content, and culminates in a historical investigation. A particular emphasis will be placed in analyzing primary and secondary sources by evaluating their origin, purpose, values, and limitations. Throughout Histoire 10 FI, students will begin to develop an understanding of international mindedness and cultural appreciation. While not specifically outlined in the curriculum outcomes, study and testing skills such as timed essays, organisation and time management will be addressed throughout.

History 10 (academic)

The goal of the course is to understand the chronological divisions that exist in our ancient past by highlighting the birth of civilizations, political structures, empires, religions & civilizations and revolutions. Students will examine these areas of study: Unit I: Historians & Archaeologists, The Origins of Early Man & Mesopotamia; Unit Two: Ancient Egypt; Unit Three: Ancient Greece, Unit Four: Ancient Rome.

Learning Strategies 10 (open)

Learning Strategies 10 is an open course designed to assist students enhance and develop their learning skills and strategies. Learning Strategies 10 will assist students with the transition into the high school credit system and students will better understand themselves as a learner. Topics to be covered in this course include self-awareness, time management, organization, communication skills and test and examination preparation.

Strategies will be explicitly taught and will then be re-enforced by integrating the curriculum from the student's other subject areas. Students will be encouraged to use appropriate technology to support their learning.

Enrollment in Learning Strategies 10 is through the program planning process; students wishing to enroll should speak with their guidance counsellor

Martial Arts 11 (academic)

In Martial Arts 11, students will train primarily in Shotokan karate, a traditional Japanese martial art. The karate-ka (student of karate) will learn fundamental karate techniques (kihon), forms (kata) and basic sparing (kumite). Self-defense will also be a regular component of training. Students will be expected to wear a gi (uniform). Approximately 25% of the class time will be devoted to classroom activities and research. Through regular training, the ultimate aim of Martial Arts 11 is for students to commence a journey towards self-improvement.

MATHEMATICS PROGRAMS: SELECTING THE CORRECT COURSE

In 2019–20 four mathematics courses will be available at the grade 10 level:

- Mathematics Essentials 10: (110 hours), 1 graduation credit
- Mathematics at Work 10: (110 hours), 1 graduation credit
- Mathematics 10 / Mathématiques 10 FI (220 hours), 2 academic credits
- Math 10 DP / Mathématiques 10 FI/DP (220 hours), 2 academic credits

The mathematics 10 course will be 220-hour year-long course. Successful completion will result in *two* mathematics credits—one of these is an eligible credit for the three mathematics credits required for graduation. The other credit is an eligible credit for the “one other from mathematics, science, and/or technology.”

NOTE: Students enrolled in Mathematics 10/ Mathématiques 10 I FI will be required to write the Nova Scotia Provincial Math exam

Please read the following Learner Profiles to help you determine the appropriate choice of course.

Math Essentials 10 (graduation) Student Learner Profile

Thomas is entering Grade 10 this September. He has little confidence in his math ability as a result of his experience with math in junior high. Thomas had difficulty with the junior high math concepts, particularly with algebraic procedural manipulation. He failed his grade 9 math but decided not to ruin his summer vacation by taking math in summer school. “What do I need Math for anyway?” he asked his parents. “I plan on going to work for Dad’s construction company when I finish high school.” Thomas frequently questioned his junior high math teachers about when he would ever use the math concepts they tried to teach him. Math was never a subject he enjoyed, but by grade 8 Thomas found the concepts and procedures very abstract and unrelated to the real world. Thomas barely passed grade 8 math. Thomas knows that he needs two math credits to graduate high school and is afraid that he will struggle to get them.

Mathematics at Work 10 (graduation) Student Learner Profile

Harriet is entering grade 10 this coming September. Harriet found her last year of junior high math to be somewhat challenging but managed to pass grade 9 math with a lot of help from her teacher. In grade 7 she changed schools several times. As a result, there are gaps in her math background that have affected her math performance and have shaken her confidence in her math abilities. Harriet wants to get her two math requirements for graduation before she makes any decisions about her future. She knows that she has experienced some difficulty with math in the past and that she will have to work hard to achieve this goal. Harriet is unsure what she wants to do after high school graduation but enjoys working with her hands and writing and thinks she may pursue a career in a related field.

Mathematics 10 (academic) Student Learner Profile

Donna is a highly motivated student who was extremely successful in junior high mathematics. She is an independent learner who does homework on a nightly basis and works well under pressure. Donna likes math as a subject and quickly learns new math concepts. She particularly enjoys mathematical problem solving activities. Donna easily understands abstract concepts in mathematics. She is very competent with algebraic procedural skills and symbolic manipulation. When other students are absent from class they ask to borrow Donna’s notes to get caught up. She is known as the “go to person” for math help. Donna is a highly organized and successful math student.

Mathematic 10 Diploma Prep (academic) Student Learner Profile

Mohammed is planning on entering the IB program in his grade 11 year – please see the IB section.

Senior High Mathematics Course Pathways

Effective: 2017–18 School Year



Mathematics Essentials 10 (graduation, 1 credit)

This course will be presented as a 110-hour course.

Mathematics Essentials 10 is an introductory high school mathematics course designed for students who do not intend to pursue post-secondary study or who plan to enter programs that do not have any mathematics pre-requisites.

Mathematics Essentials courses are designed to provide students with the development of the skills and understandings required in the workplace, as well as those required for everyday life at home and in the community. Students will become better equipped to deal with mathematics in the real world and will become more confident in their mathematical abilities. The typical pathway for students who successfully complete Mathematics Essentials 10 is Mathematics Essentials 11 followed by Mathematics for the Workplace 12.

Students in Mathematics Essentials 10 will explore the following topics:

mental math, working and earning, deductions and expenses, paying taxes, making purchases, buying decisions, probability, measuring and estimating, transformation and design, and buying a car.

Mathematics at Work 10 (graduation, 1 credit)

This course will be presented as a 110-hour course.

Mathematics at Work 10 is an introductory high school mathematics course which demonstrates the application and importance of key math skills.

The new Mathematics at Work courses are designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the work force or for entry into programs of study that do not require *academic* mathematics.

The typical pathway for students who successfully complete Mathematics at Work 10 is Mathematics at Work 11 followed by Mathematics at Work 12. Some students who successfully complete Mathematics at Work 10 may choose to take Mathematics Essentials 11 followed by Mathematics for the Workplace 12.

Students in Mathematics at Work 10 will explore the following topics:

measurement, area, Pythagorean theorem, trigonometry, geometry, unit pricing and currency exchange, income, and basic algebra.

Mathematics 10 (academic, 2 credits)

Prerequisite: Grade 9 Mathematics

This course will be presented as a 220-hour course. This will mean that students will have mathematics class every day for their grade 10 year.

Mathematics 10 is an academic high school mathematics course which is a pre-requisite for all other academic and advanced mathematics courses. Students who select Mathematics 10 should have a solid understanding of mathematics from their junior high years. This means that students would have demonstrated satisfactory achievement of learning outcomes in grade 9 mathematics.

Note: Mathematics 10 is a 220-hour, two-credit course.

All students following the academic or advanced pathway will need to take Mathematics 10 followed by Mathematics 11. These courses are to be taken consecutively, not concurrently.

There are two typical pathways for students who successfully complete Mathematics 10:

For those students intending to follow the academic pathway, Mathematics 10 will be followed Mathematics 11 and then Mathematics 12. (Mathematics 11 and Mathematics 12 are 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 theoretical calculus).

For those students intending to follow the advanced pathway, Mathematics 10 will be followed by Mathematics 11, then Pre-Calculus 11 and Pre-Calculus 12.

Alternatively, students who successfully complete Mathematics 10 may choose to select a graduation credit in grade 11.

Students in Mathematics 10 will explore the following topics:

measurement systems, surface area and volume, right triangle trigonometry, exponents and radicals, polynomials, linear relations and functions, linear equations and graphs, solving systems of equations, and financial mathematics.

NOTE: Students who select Math 10 and wish to come out if it after first semester will have to wait until grade 11 to enroll in another grade 10 math course.

Mathématiques 10 FI (Academic 2 crédits) Pre-requisite: Grade 9 Mathematics

Course description is the same as Mathematics 10 (academic)

Music 10 (academic)

The Music 10 course is designed to develop performance and interpretation skills, and explore the function and role of music in society. Students are required to perform in the Grade 10 Concert Band and small chamber ensembles. They continue to develop technique through the preparation of scales and studies, and explore their artistry through the preparation of solos. Students also study music theory, music history and utilize music technology to create basic compositions. Students, through participation in music also are encouraged to develop concepts of teamwork, self-discipline and goal setting.

Music Vocal 10 (academic)

Music Vocal 10 is the first level of music study at CPA and is intended for students with an interest in singing and music. Although the course is divided between theory, history and performance, the emphasis of the course will be on performance. Performance skills will be developed through ear training, solfege, technical skills, solos, small ensemble and large ensemble literature. The theory portion of the course will consist of the rudiments of music. A basic overview of the history of western music will be introduced through listening to music, study and research. All students will be required to participate in all class performances (some of which will be outside of the school day).

Physical Education 10 for Females/ Physical Education 10 for Males (open)

Note: A separate physical education 10 class will be offered for both females and males.

This course will provide students with a variety of fitness and sport experiences to enhance their understanding of personal fitness and growth. Physical Education 10 includes some theory components, including classroom instruction, coupled with predominantly active experiences whereby students will have the opportunity to participate in a variety of indoor and outdoor fitness, sport, and recreational experiences. This course requires students to commit to daily exercise at an intensity level high enough to reach their individual target heart rate. This involves aerobic exercise, including running, on a daily basis. Students registering for this course must understand that working to improve all components of fitness is a daily expectation. The emphasis of this curriculum is to provide students with experiences that require them to take and reflect on their personal responsibility for active, healthy living now and throughout life. This course is divided into four modules: outdoor pursuits, exercise science, personal fitness, and leadership.

Physically Active Living 11 (open)

This course requires students to engage in a variety of healthful, physically active experiences and to have sound knowledge of the health benefits of these activities. PAL balances theory components and activity components. The six theory components are: active living, fair, and safe play, personal fitness, nutrition, consumer issues and stress. The five activity components are the following: lifetime activities, team games, fitness activities, low organized games, and co-operative games. This course requires students to commit to exercise three or more time per week at an intensity level high enough to promote personal improvement. This will sometimes involve aerobic exercise, including running, as a course requirement. The course provides the opportunity to participate in athletic and recreational activities regardless of skill or fitness level.

Science 10 (academic)

Science 10 is designed to be a foundational science course that reflects the integration of ecology, chemistry, physics, and meteorology while emphasizing critical thinking, technological literacy, communication, and numeracy as well as personal and social values and skills. Science 10 explores the following four themes: sustainability of ecosystems, chemical reactions, describing motion, and weather dynamics.

Sciences 10 FI (academic)

Course description is the same as for Science 10.

Spanish 10 (academic)

This is an introductory course to Spanish language and culture for students who have no Spanish background. Students will be able to make introductions, greet and describe themselves, others, and their surroundings. They will be able to talk about their school and family, shopping, work, and leisure activities. This is a very communicative program that uses media in addition to texts and workbooks. Students will be expected to use their knowledge to create skits at the end of each unit. Evaluation is based on oral work, class work, participation, and tests.

Visual Arts 10 (academic)

Visual Arts 10 is the foundation course for Visual Arts at Charles P. Allen High School. Students will learn fundamental drawing and painting techniques, explore color theory and apply their abilities to analyzing and constructing artworks. Visual Arts 10 alternates between small skill-building assignments and longer, 2-3 week artworks such as the shading project, a self-portrait, and a painting based on an art historical work. Students who are pursuing creative careers are recommended to continue with Visual Art 11 or Advanced Visual Art 11.

Yoga 11 (academic)

This course will introduce students to various styles and characteristics of yoga. It is an expectation that students will develop a lifelong personal practice of yoga for personal fitness and recreation. Students will be participating in a variety of activities that will include both physical practice and classroom theory. The physical practice of yoga will include learning, developing, and practicing skills that involve strength, flexibility, endurance, balance, poise, regulation of energy, and mental focus, all of which can be applied to other physical activities. Classroom sessions educate students about the relationship between nutrition and fitness, the history and philosophy of yoga including values of non-violence, ethics, honesty and respect in the context of challenging physical activity.

Yoga 11 FI (academic)

Course description same as Yoga 11.

Please note:

The information contained in this publication is as accurate as possible at the time of printing. Please be aware that changes to the information contained herein may occur due to the number of students selecting courses, staffing considerations and any changes dictated by the Halifax Regional Centre for Education/ Department of Education.

Charles P. Allen High School Grade 10 Course Selection Sheet for 2019-2020

Student Name (Last, First): _____

Junior High: _____

Please note: Select courses (total 8 credits) by neatly placing an 'X' in the appropriate boxes. Include 2 alternate course choices in the section at the bottom of the page. Reminder: you may choose 8 grade ten courses, however; only 7 of these are counted towards graduation requirements.

	Course	Type	Credit
	Choose One English Language Arts		
	English 10	Acad	1.0
	English 10 Music-Band	Acad	1.0
	Choose One Mathematics		
	Mathematics 10	Acad	2.0
	Mathematics at Work 10	Grad	1.0
	Mathematics Essentials 10	Grad	1.0
	Choose At Least One Science		
X	Science 10 (required)	Acad	1.0
	Biology 11	Acad	1.0
	Choose One Fine Arts		
	Visual Art 10	Acad	1.0
	Drama 10	Acad	1.0
	Music (Instrumental Band) 10	Acad	1.0
	Music (Vocal) 10	Acad	1.0
	**Dance 11	Acad	1.0
	Choose one Physical Education		
	Physical Education 10 (M/F)	Open	1.0
	Physically Active Living 11	Open	1.0
	Physical Education Martial Arts 11	Open	1.0
	Yoga 11	Acad	1.0
	**Dance 11	Acad	1.0
	Elective: Languages		
	Core French 10	Acad	1.0
	Spanish 10	Acad	1.0

	Course	Type	Credit
	Elective: Social Studies		
	History 10	Acad	1.0
	Geography 10	Acad	1.0
	Elective: Technology Education		
	Construction Technology 10	Open	1.0
	Exploring Technology 10	Acad	1.0
	Business Technology 11	Acad	1.0
	Communications Technology 11	Acad	1.0
	Design 11	Acad	1.0
	Elective: Personal Development		
	Career Development 10	Open	1.0
	Please Verify Eight Credits		
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	Alternate Courses*		
1.			
2.			

***Please Note:** You must choose 2 alternate courses in case a course is not available due to insufficient numbers, class caps, or there are scheduling conflicts. It is recommended that your alternate courses are from the fine arts and physical education category.

****Dance 11** may be selected as a Physical Education OR Fine Arts course.

Please sign in appropriate spaces below to confirm the accuracy of the selected courses for the 2019/2020 school year.

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Counsellor Signature: _____

Date: _____

Charles P. Allen High School Grade 10 French Immersion Course Selection Sheet for 2019-2020

Student Name (Last, First): _____

Junior High: _____

Please note: Select courses (total 8 credits) by neatly placing an 'X' in the appropriate boxes. Include 2 alternate course choices in the section at the bottom of the page. Reminder: you may choose 8 grade ten courses, however; only 7 of these are counted towards graduation requirements. **Students must enroll and will be guaranteed placement in a minimum of 4 French Immersion credits for grade 10.**

	Course	Type	Credit
Choose One English Language Arts			
	English 10	Acad	1.0
	English 10 Music-Band	Acad	1.0
Choose One Mathematics			
	Mathematiques 10 FI	Acad	2.0
	Mathematics at Work 10	Grad	1.0
	Mathematics Essentials 10	Grad	1.0
	Mathematics 10	Acad	2.0
Choose At Least One Science			
X	Sciences 10 FI (required)	Acad	1.0
	Biologie 11 FI	Acad	1.0
	Biology 11	Acad	1.0
Choose At Least One Fine Arts			
	Visual Art 10	Acad	1.0
	Arts Dramatiques 10 FI	Acad	1.0
	Music (Instrumental Band) 10	Acad	1.0
	Music (Vocal) 10	Acad	1.0
	**Dance 11	Acad	1.0
	Drama 10		
Choose one Physical Education			
	Physical Education 10 (M/F)	Open	1.0
	Physically Active Living 11	Open	1.0
	Physical Education Martial Arts 11	Acad	1.0
	Yoga 11 FI	Acad	1.0
	Yoga 11	Acad	1.0
	**Dance 11	Acad	1.0

	Course	Type	Credit
Required: French Language			
X	Francais-Immersion 10	Acad	1.0
Elective: Social Studies			
	Histoire Ancienne 10 FI	Acad	1.0
	Geography 10	Acad	1.0
Elective: Technology Education			
	Construction Technology 10	Open	1.0
	Exploring Technology 10	Acad	1.0
	Business Technology 11	Acad	1.0
	Communications Technology 11	Acad	1.0
	Design 11	Acad	1.0
Elective: Personal Development			
	Career Development 10	Open	1.0
Please Verify Eight Credits			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
Alternate Courses*			
1.			
2.			

***Please Note:** You must choose 2 alternate courses in case a course is not available due to insufficient numbers, class caps, or if there are scheduling conflicts. It is recommended that your alternate courses are from the fine arts and physical education category.

****Dance 11 may be selected as a Physical Education OR Fine Arts course.**

Please sign in appropriate spaces below to confirm the accuracy of the selected courses for the 2019/2020 school year.

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Counsellor Signature: _____

Date: _____

Charles P. Allen High School Grade 10 Pre-IB Course Selection Sheet for 2019-2020

Student Name (Last, First): _____

Junior High: _____

Please note: Select courses (total 8 credits) by neatly placing an 'X' in the appropriate boxes. Include 2 alternate course choices in the section at the bottom of the page. Reminder: you may choose 8 grade ten courses, however; only 7 of these are counted towards graduation requirements. **Students must enroll and will be guaranteed placement in a minimum of 4 French Immersion credits if requesting Pre-IB French Immersion.**

Course	Type	Credit
Choose One English Language Arts		
Diploma Preparation English 10	Acad	1.0
English 10 (Music/Band Students)	Acad	1.0
Choose One Mathematics		
Math 10	Acad	2.0
Diploma Preparation Math 10	Acad	2.0
DP Mathematiques 10 FI	Acad	2.0
Mathematiques 10 FI	Acad	2.0
Choose One Science		
DP Sciences 10 FI	Acad	1.0
Diploma Preparation Science 10	Acad	1.0
Choose One Fine Arts		
***Visual Arts 10	Acad	1.0
Drama 10	Acad	1.0
Arts Dramatiques 10 FI	Acad	1.0
***Music (Instrumental Band) 10	Acad	1.0
Music (Vocal) 10	Acad	1.0
**Dance 11	Acad	1.0
Choose One Physical Education		
Physical Education 10 (M/F)	Open	1.0
Physically Active Living 11	Open	1.0
Physical Education Martial Arts 11	Acad	1.0
Yoga 11	Acad	1.0
Yoga 11 FI	Acad	1.0
**Dance 11	Acad	1.0

Course	Type	Credit
Choose one French Language		
Francais-Immersion 10	Acad	1.0
DP French 10 (not for FI Student)	Acad	1.0
Choose One Social Studies		
Histoire Ancienne 10 FI	Acad	1.0
Diploma Preparation History 10	Acad	1.0
Please Verify Eight Credits		
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
*Alternate Courses		
1.		
2.		

***Please Note:** You must choose 2 alternate courses in case a course is not available due to insufficient numbers, class caps, or if there are scheduling conflicts. It is recommended that your alternate courses are from the fine arts and physical education category.

****Dance 11** may be selected as a Physical Education OR Fine Arts course.

***** Visual Arts 10 and Music (Instrumental Band) 10** are part of the group 6 IB Diploma Program.

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Counsellor Signature: _____

Date: _____

Notes

Notes