



Crescent Heights High School



Complementary Course Guide – 2025/2026

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Advanced Placement Course Selection Pathway

Grade 10	Grade 11	Grade 12
Science 10 AP Cohort	Biology 20 AP Cohort Chemistry 20 AP Cohort Physics 20 AP Cohort	Biology 30/35 AP** Chemistry 30/35 AP ** Physics 30/35 AP**
Mathematics 10C AP Cohort	Mathematics 20-1 AP Cohort	Math 30/31 AP
English 10-1 AP Cohort	English 20-1 AP Cohort	English 30-1 AP**
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Spanish 10-3Y AP Cohort	Spanish 20-3Y AP Cohort	Spanish 30-3Y AP
Chinese 10-3Y AP Cohort	Chinese 20-3Y AP Cohort	Chinese 30-3Y AP

*** indicates that the AP (35 level course) may be offered outside of the timetable.*

For more information about Advanced Placement at CHHS, please visit our website: [CHHS Advanced Placement](#)

ADVANCED PLACEMENT COURSES

Advanced Placement courses give students the opportunity to engage in one or more areas of study of their choice and in greater depth. Students will be in classes with keen peers where inquiry learning, elevated discussions, and an increased depth of understanding are common.

Course marks will only reflect the outcomes mastered of the Alberta Education Programs of Study. This means that students will not have a lower mark because they chose to engage in a more advanced course. Instead, students will gain experience with university level content and textbook with the guidance of a high school teacher.

Students will be tested on the AP content during an AP exam or they need to submit a portfolio (see table above). Depending on their level of achievement and the post-secondary place of study, they will be able to receive credit for a university or college level class.

Students are responsible for paying the Advanced Placement Exam or Portfolio Assessment fee as these courses are optional enrichment and not required for a High School Diploma.

The College Board offers advanced Placement courses. This website is useful for some further information.
<https://apstudents.collegeboard.org/>

The Advanced Placement (AP) Program provides a valuable academic opportunity for students to enrich their learning. Students are invited to join their peers in the study of subjects in which they enjoy a shared passion. CHHS is proud to foster the intellectual curiosity of learners through the offering of the AP Program.

Advanced Placement Courses

What is Advanced Placement?

- Qualified, enthusiastic, and dedicated teachers aid in the teaching and learning of high school students in subjects at the university level.
- Universities from more than 65 countries award high school students university credit for successful AP Exam results. Students may skip the introductory or credit transfer course in a these same university courses.
- Students acquire the skills and habits needed to be successful in university. These include improvement in writing skills, problem solving abilities, time management skills and study habits.
- Advanced placement courses provide an opportunity for rigorous, challenging and stimulating learning prior to the university experience.
- Unique to Advanced Placement, students have the choice of how many AP courses they would like to pursue.
- Along with the diploma exams throughout the year, students have the opportunity to write AP exams at the beginning of May. AP students throughout the world write AP exams simultaneously

Global Studies & Language and Culture Courses

ABORIGINAL STUDIES 10

Credits: 5

Prerequisite: None

The course is based on perspectives and world views of Aboriginal peoples. It includes the study of traditions and history of Aboriginal peoples in Canada, and particularly in Alberta. Student learning outcomes provide opportunities to examine such topics as governmental structures, literature, the arts and the sciences. The four themes in Aboriginal Studies 10 are:

- Origin and Settlement Patterns
- Aboriginal World Views
- Political and Economic Organization Aboriginal Symbolism and Expression

ABORIGINAL STUDIES 20

Credits: 5

Prerequisite: Aboriginal Studies 10

The course focuses on indigenous people from a Canadian and Alberta perspective. It includes the study of policies, legislation, conflict and cultural change. The four themes in Aboriginal Studies 20 are:

- The Métis: Conflict and Cultural Change
- Treaties and Cultural Change
- Legislation, Policies and Cultural Change
- Schooling and Cultural Change



ABORIGINAL STUDIES 30

Credits: 5

Prerequisite: Aboriginal Studies 20

Students will gain a greater understanding of the current issues facing Aboriginal peoples worldwide. Aboriginal Studies 30 enables students to demonstrate an understanding of the issues of Aboriginal rights and self-government, Aboriginal land claims, Aboriginal peoples in Canadian society and Aboriginal world issues.

The four themes in Aboriginal Studies 30 are:

- Aboriginal Rights and Self-government
- Aboriginal Land Claims
- Aboriginal Peoples in Canadian Society
- Aboriginal World Issues

CHINESE LANGUAGE & CULTURE 10 -3Y

Credits: 5

Prerequisite: none

This is a beginner course for students who have no Chinese background. Native speakers of Chinese should arrange an interview with the Chinese teacher to discuss best placement in either the 20 or 30 level course or to discuss a challenge. The main focus of this course is to develop basic listening, speaking, reading and writing skills in Mandarin Chinese which is spoken in China, Taiwan, Singapore, and Hong Kong. Students will develop an increased awareness of and sensitivity to cultural and linguistic diversity through a basic survey of some ancient Chinese historical events.

CHINESE LANGUAGE & CULTURE 10 -3Y ADVANCED PLACEMENT

Credits: 5

Prerequisite: none

Students are immersed in Chinese language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Chinese-speaking world. By the end of the course series, students will present, interpret and communicate in Chinese language and be prepared for the Chinese Language and Culture Advanced Placement exam.

CHINESE LANGUAGE & CULTURE 20 -3Y

Credits: 5

Prerequisite: Chinese 10-3Y or recommendation of current teacher at CHHS

This course is a direct extension of the knowledge acquired in Chinese 10- 3Y. Students will build on their basic Chinese reading, writing, speaking and listening skills through a series of individual and group projects. This course also focuses on continuing to understand Chinese culture through examining the history of China. Furthermore, this course is designed to improve students' potential in the Canadian workplace and global markets by focusing on modern and practical Chinese language skills in the workplace.

CHINESE LANGUAGE & CULTURE 20 -3Y ADVANCED PLACEMENT

Credits: 5

Prerequisite: Chinese 10-3Y AP Cohort or recommendation of current teacher at CHHS

Students are immersed in Chinese language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Chinese speaking world. By the end of the course series, students will present, interpret and communicate in Chinese language and be prepared for the Chinese Language and Culture Advanced Placement exam.

CHINESE LANGUAGE & CULTURE 30 -3Y

Credits: 5

Prerequisite: Chinese 20-3Y or recommendation of current teacher at CHHS

This course is a direct extension of the knowledge acquired in Chinese 20-3Y. The purpose of this course is to compile and review all language skills learned in previous Chinese courses and add intermediate grammar



patterns and vocabulary to prepare learners to excel in lower intermediate post-secondary Chinese language courses. Language skills acquired in this course are designed to enhance students' roles in the international community. This course also focuses on a historical and cultural look at contemporary Chinese history in the 20th century.

CHINESE LANGUAGE & CULTURE 30 -3Y ADVANCED PLACEMENT

Credits: 5 **Prerequisite:** Chinese 20-3Y AP Cohort or recommendation of current teacher at CHHS

Students are immersed in Chinese language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Chinese speaking world. By the end of the course series, students will present, interpret and communicate in Chinese language and be prepared for the Chinese Language and Culture Advanced Placement exam.

FRENCH 3-Year and French 9-Year Programs

The French 3-year program is designed for students wishing to take French with minimal or no previous background in the language. The 9-year program is designed for students who have had prior French instruction either through Immersion or 3 -6 years of FSL instruction. Students whose first language is French should arrange an interview with the French teacher to discuss best placement in either the 20 or 30 level course or to discuss a challenge.

FRENCH AS A SECOND LANGUAGE 10-9Y

Credits: 5 **Prerequisite:** 2-3 years of French (prior enrollment in French immersion or FSL course), French 9 Students will build on previous French skills to develop proficiency in speaking, writing, reading and listening in French. Topics covered in this course include Activities, Shopping, Vacations, Fine Arts, and other areas of interest. Students will engage in various language activities, based on the context, the communicative task, and the different information and communication technologies available. Additionally, students will have the opportunity to learn about the French culture through various in class activities.

FRENCH AS A SECOND LANGUAGE 20-9Y

Credits: 5 **Prerequisite:** French 10-9Y or placement based on interview with current FSL teacher

Students will build on previous French skills to develop proficiency in speaking, writing, reading and listening in French Topics in this course include Senses and Feelings, Close Friends, Fads and Fashion, Consumerism and other areas of interest. Students will engage in various language activities, based on the context, the communicative task, and the different information and communication technologies available. Additionally, students will continue to have the opportunity to learn about the French culture through various in-class activities.



FRENCH AS A SECOND LANGUAGE 30-9Y

Credits: 5

Prerequisite: French 20-9Y or placement based on interview

with current FSL teacher

Students will build on previous French skills to develop proficiency in speaking, writing; reading and listening in French. Topics covered in this course include World of Work, Travel and Tourism, Role of the Media, Conservation and the Environment (optional), and other areas of interest. Students will engage in various language activities, based on the context, the communicative task, and the different information and communication technologies available.

FRENCH AS A SECOND LANGUAGE 10-3Y

Credits: 5

Prerequisite: None

This is a beginner course for students who have no French background. Native speakers of French or students previously enrolled in Immersion or French as a Second Languages should arrange an interview with the French teacher to discuss best placement in either the 3Y or 9Y level course or to discuss a course challenge.

In this introductory course, students will learn basic vocabulary and expressions. Using this knowledge, they will be able to participate in conversations and to write fundamental paragraphs. Some areas of study include personal interests, family and friends, sports, food and travel. Most conversation will be in the present, immediate future and immediate past tenses. Additionally, students will also learn about French culture through various classroom activities.

FRENCH AS A SECOND LANGUAGE 20-3Y

Credits: 5

Prerequisite: French 10-3Y or placement based on interview

with current FSL teacher

This intermediate course will build on the basic vocabulary and grammar acquired in French as a Second Language 10. Students will participate in more complex conversations and written communication. Some areas of study include personal interests, family and friends, sports, food and travel. Conversations will progress from present and immediate past and immediate future tenses to the past tense. Additionally, students will continue learning about the French culture through various classroom activities.

FRENCH AS A SECOND LANGUAGE 30-3Y

Credits: 5

Prerequisite: French 20-3Y or placement based on interview

with current FSL teacher

This course will build on the basic vocabulary and grammar acquired in French as a Second Language 10 and 20. Students will improve their proficiency in French by using the target language to communicate information, to explore opinions and to express ideas. They will speak with clear pronunciation and intonation in rehearsed and spontaneous situations, select appropriate words and phrases, and communicate with reasonable grammatical accuracy. Additionally, students will continue learning about the French culture through various classroom activities.

German

This is a beginner course for students who have no German background. Native speakers of German should arrange an interview with the German teacher to discuss best placement in either the 20 or 30 level course or to discuss a course challenge.



GERMAN LANGUAGE AND CULTURE 10-3Y

Credits: 5

Prerequisite: none

This course offers an initial experience in acquiring a fundamental knowledge of the German language. The main focus is on the oral language and cultural aspects. The student will learn basic conversational skills. The student will have an introductory knowledge of the culture and history of Germany. Facets of everyday German life will be presented and experienced to some degree.

GERMAN LANGUAGE AND CULTURE 20-3Y

Credits: 5

Prerequisite: German 10-3Y or placement based on interview with current German teacher

Continuing directly from the German 10 course, the German 20 course gives a more in-depth study in oral German, grammar structures, reading and writing. After completing the course, the student should be able to speak and comprehend with ease and fluency within a basic vocabulary. The written language will still be somewhat limited. However, development will continue in German.

GERMAN LANGUAGE AND CULTURE 30-3Y

Credits: 5

Prerequisite: German 10-3Y or placement based on interview with current German teacher

This course is based upon knowledge obtained by students in German 10 and 20. The objectives are the further refinement of linguistic skills, emphasizing a much greater concern for cultural understanding and an appreciation of the German way of life. German literature and music are presented. A general history of the German people is also included. The socio-political issues in Germany, and, therefore, Europe are discussed.

Spanish

This is a beginner course for students who have no Spanish background. Native speakers of Spanish should arrange an interview with the Spanish teacher to discuss best placement in either the 20 or 30 level course or to discuss a course challenge.

SPANISH LANGUAGE AND CULTURE 10-3Y

Credits: 5

Prerequisite: None

In this introductory course, students will learn basic vocabulary and expressions. Using this knowledge, they will be able to participate in conversations and to write fundamental paragraphs. Some areas of study include personal interests, family and friends, sports, food and travel. Most conversation will be in the present and future tenses. Additionally, students will also learn about the Spanish culture through various classroom activities.

SPANISH LANGUAGE AND CULTURE 10-3Y ADVANCED PLACEMENT

Credits: 5

Prerequisite: none

Students are immersed in Spanish language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Spanish-speaking world. By the end of the course series, students will present, interpret and negotiate meanings through constant communication in Spanish language and be



prepared for the Spanish Language and Culture Advanced Placement exam. This course series is recommended for beginner Spanish language learners. Students will have the opportunity to experience an optional 12 day trip to Spain. Please watch for more information about this in the fall of each school year.

SPANISH LANGUAGE AND CULTURE 20-3Y

Credits: 5

Prerequisite: Spanish 10-3Y or recommendation of current teacher at CHHS

This intermediate course will build on the basic vocabulary and grammar acquired in Spanish 10. Students will participate in more complex conversations and written communication. Some areas of study will include shopping, health, food, daily routines, travel and sports. Conversations will progress from present and future tense use to the past tense. Additionally, students will continue learning about the Spanish culture through various classroom activities.

SPANISH LANGUAGE AND CULTURE 20-3Y ADVANCED PLACEMENT

Credits: 5

Prerequisite: Spanish 10-3Y AP Cohort or recommendation of current teacher at CHHS

Students are immersed in Spanish language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Spanish-speaking world. By the end of the course series, students will present, interpret and negotiate meanings through constant communication in Spanish language and be prepared for the Spanish Language and Culture Advanced Placement exam. This course series is recommended for beginner Spanish language learners. Students will have the opportunity to experience an optional 12 day trip to Spain. Please watch for more information about this in the fall of each school year.

SPANISH LANGUAGE AND CULTURE 30-3Y

Credits: 5

Prerequisite: Spanish 20-3Y or recommendation of current teacher at CHHS

This course will build on the basic vocabulary and grammar acquired in Spanish 10 and 20. Students will improve their proficiency in Spanish by using the target language to communicate factual information, to explore opinions and to express ideas. They will speak with clear pronunciation and intonation in rehearsed and spontaneous situations, select appropriate words and phrases, and communicate with reasonable grammatical accuracy. One unit of study will include Spanish short stories. Additionally, students will continue learning about the Spanish culture through various classroom activities.

SPANISH LANGUAGE AND CULTURE 30-3Y ADVANCED PLACEMENT

Credits: 5

Prerequisite: Spanish 20-3Y AP Cohort

Students are immersed in Spanish language and culture to expand their vocabulary, grammar, idiomatic expressions, and cultural information pertaining to the Spanish-speaking world. By the end of the course series, students will present, interpret and negotiate meanings through constant communication in Spanish language and be prepared for the Spanish Language and Culture Advanced Placement exam. This course series is recommended for beginner Spanish language learners. Students will have the opportunity to experience an optional 12 day trip to Spain. Please watch for more information about this in the fall of each school year.

Career and Technology Studies

AUTO MECHANICS 10

Credits: 5

Prerequisite: none

Mechanics 10 is not only for those who wish to pursue a career in the automotive industry. Through hands-on experiences, students will have the opportunity to increase their knowledge and skills related to the design and maintenance of vehicles. Students will learn about engines, brakes, suspension, tires and other concepts such as preventative maintenance and tools and materials.



AUTO MECHANICS 20

Credits: 5

Prerequisite: Mechanics 10

Intermediate Auto Mechanics enables a student to increase knowledge, skills and attitudes with regard to vehicle maintenance, service and care. These credits form a basis for Advanced Level MEC 30

AUTO MECHANICS 30

Credits: 5

Prerequisite: Mechanics 20

Advanced Auto Mechanics 30 will focus on Engine Performance, Wheel Alignment, Vehicle Appraisal, and Vehicle Buying and Selling. This group of credits can be modified slightly with the proper prerequisites. This advanced program assists the student in continuing an interest in the automotive world as a hobby and or business venture.



COMPUTER SCIENCE 10

Credits: 5

Prerequisite: none

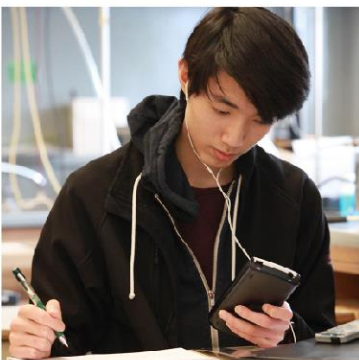
This is an exciting and rewarding option meant for students who wish to write their own computer programs. Through a hands-on approach, students are introduced to the fundamental principles of programming languages and develop skills to design algorithms and basic coding instructions. Students will be introduced to html, css and the JavaScript language.

COMPUTER SCIENCE 20

Credits: 5

Prerequisite: Computer Science 10

This is an intermediate programming course where students extend their knowledge of computer programming. Students learn the basic structure and syntax of Java, constructing algorithms to solve more complex problems. Using an integrated development environment students learn to write procedural programs using variables, arrays and control statements. They are introduced to object-orientated principles and how they are applied to Java programs.



COMPUTER SCIENCE 30

Credits: 5

Prerequisite: Computer Science 20

This is an advanced programming course where students continue to develop their mastery of programming concepts using Java. Students are introduced to new methods of problem solving and algorithm development including searching and sorting. Extending their knowledge of object oriented programming, students learn to write programs that explore the association between classes. They also learn how to use a new program control flow mechanism called recursion. Finally, students also learn to read and write data from text files and build graphical user interfaces.



CABINETMAKING 10

Credits: 5

Prerequisite: none

Students must have successfully completed all SAFETY instruction before continuing in the program. Students will develop skills in the use of hand tools and woodworking machines and apply them to building a cutting board, small bench, and table of their own design. Experience in the set project (bench) will build skills and prepare the student for the challenge of building their own project (table).



CABINETMAKING 20

Credits: 5 **Prerequisite: Completion of pre-requisite and recommended courses from Cabinetmaking 10.**

Students must have successfully completed all SAFETY instruction before continuing in the program.

This is a program for students with a strong desire to design and build their own furniture. It is an open-ended, project-based program where students, after a safety review, are encouraged to extend themselves and produce a fine piece of furniture. This area of study is dedicated to outdoor furniture. These students will make a twin set of lawn chairs, and small additional pieces if they finish early.

CABINETMAKING 30

Credits: 5 **Prerequisite: Completion of pre-requisite and recommended courses from Cabinetmaking 20.**

Students must have successfully completed all SAFETY instruction before continuing in the program.

The motivated and organized student will take on and complete a major furniture project or group of smaller projects. After a safety review and shakedown project, students will begin with design, planning, and project organization, and then proceed with primarily self-directed shop work. The focus will be on developing the student's ability to research, plan, organize and carry a project through to completion with a minimum of supervision. Examples are dining tables, wardrobe units, grandfather clocks and commissioned custom work.

ENGINEERING DESIGN 10

Credits: 5 **Prerequisite: None**

This course provides an opportunity for students to engage in personally relevant design, innovation and invention projects that require a significant investment to conceptualize, design, prototype, iterate and refine. Student learn to develop a disposition of innovation and the technical skills necessary to bring projects to life using current and emerging technologies such as electronics, robotics, micro controllers, 3D-printers, laser cutters and more.

ENGINEERING DESIGN 20

Credits: 5 **Prerequisite: Engineering Design 10**

This course provides an opportunity for students to engage in personally relevant design, innovation and invention projects that require a significant investment to conceptualize, design, prototype, iterate and refine. Student learn to develop a disposition of innovation and the technical skills necessary to bring projects to life using current and emerging technologies such as electronics, robotics, micro controllers, 3D-printers, laser cutters and more.

ENGINEERING DESIGN 30

Credits: 5 **Prerequisite: Engineering Design 20**

This course provides an opportunity for students to engage in personally relevant design, innovation and invention projects that require a significant investment to conceptualize, design, prototype, iterate and refine. Student learn to develop a disposition of innovation and the technical skills necessary to bring projects to life using current and emerging technologies such as electronics, robotics, micro controllers, 3D-printers, laser cutters and more.

FASHION STUDIES 10

Credits: 5 **Prerequisite: None**

Step into the world of fashion and learn to make clothes and accessories with this hands-on introduction to sewing! From mastering the sewing machine and serger, and getting comfortable with hand sewing, you'll build essential skills, learn to repair your own clothes, make a pouch or tote bag, and sew a pair of pajamas for



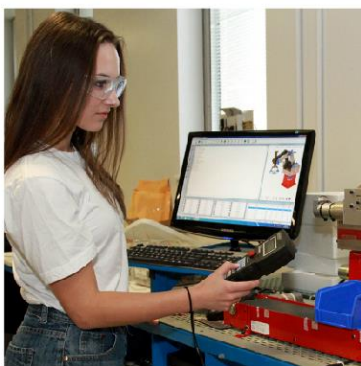
yourself. Do you like to thrift? So do we! Explore your inventive side through upcycling thrifted finds and redesigning pieces into something one-of-a-kind. In Fashion 10, you'll also dive into textile arts—from dyeing fabrics to experimenting with embroidery, macramé, crochet, or surface design, the creative possibilities are endless. This course lays the groundwork for unlocking your full potential, preparing you to take your skills to the next level in Fashion Studies 20 and 30.

FASHION STUDIES 20

Credits: 5

Prerequisite: Fashion Studies 10

Ready to step up your fashion game? This intermediate course will take your sewing and design skills to the next level. Work with specialty fabrics and expand your creative horizons by designing everything from tops, bottoms, costumes and cosplay to home décor and accessories. Learn how to alter patterns, or make clothes for friends, create trendy active wear, eco-dye fabric, understand how stores merchandise clothing, or explore the exciting world of tufting your own rugs! Whether you're into theatrical costumes, quirky designs, or love textile arts, you'll leave this course with several finished projects and tons of inspiration.



FASHION STUDIES 30

Credits: 5

Prerequisite: Fashion Studies 20

Take your fashion skills to a more professional level in this advanced course! Master intricate sewing techniques and refine your ability to create couture-quality designs. Imagine the freedom of making clothes that fit perfectly, in the colors you want, and at a fraction of the cost of designer garments. Whether you're creating dramatic costumes for the stage, designing custom clothing for yourself, exploring cultural dress, or perfecting a textile art, this course will give you the skills to bring your fashion ideas to life. This course is perfect for aspiring designers, those who want to sell their products, or anyone who wants to express their personal style through their own creations!



FOODS 10

Credits: 5

Prerequisite: None

Beginning an adventure into foods, students will explore the art of preparing a variety of different foods, taste gourmet delights prepared while learning the basics of successful cooking and the benefits of healthy food choices. Students are also assisted with making wise choices when attending restaurants, fast food facilities and other food outlets.



FOODS 20

Credits: 5

Prerequisite: Foods 10

One of the most important life skills a student can learn is how to cook and eat well. Not only is food nourishing, it is comforting, stimulating, creative, and entertaining. Through foods, students can develop basic skills and attitudes which can be transferable to our family, career and community. In Foods 20, students will study more advanced techniques, theory and food preparation. Some special techniques like cake decorating are covered. Emphasis will be placed on nutrition, preparation and presentation, management and social/ cultural influences. Each course contains theory, practical and assessment components.



FOODS 30

Credits: 5

Prerequisite: Foods 20

Whether your emphasis is to acquire valuable life skills or to pursue a career in the food service industry, the foods courses should interest and inspire you. Foods courses are designed to develop independent personal living skills useful to everyone in a home environment. This advanced level course demands a higher level of expertise from the student which will benefit those who take food studies for their own personal enjoyment; helps prepare students for entry into the food service industry or post-secondary programs. Students develop competence in concepts and principles of advanced preparation and presentation techniques which are employed to prepare creative meals. Each course contains theory, practical and assessment components .

ADVANCED FOOD STUDIES

Credits: 5

Prerequisite: Registration after teacher consultation

The Advanced Foods program builds upon the culinary experience from the Foods 10/20/30 courses. Students will deepen their understanding of the culinary processes and strengthen technical abilities through self-directed learning, exploration and research to develop a personal approach for at least 5 personal interest credits; including assignments, labs and assessment, using various cooking techniques and styles.

GRAPHIC DESIGN AND PHOTOGRAPHY 10

Credits: 5

Prerequisite: None

This course continues to bring together the visual and creative disciplines of Photography and Graphic Design in a digital practice. In the photography portion of the course you will learn to see the world as a photographer. You will learn how to use Digital SLR cameras and digital editing software to capture exciting images of people and places both in our studio and outside. The graphic design portion of the course will build on the skills of photography to learn the Adobe creative suite to create posters, publications and other print and digital designs. Throughout the course, you will complete a series of projects that will help you practice the skills you are learning and develop your technical and creative skills.

GRAPHIC DESIGN AND PHOTOGRAPHY 20

Credits: 5

Prerequisite: Graphic Design and Photography 10

This course continues to bring together the visual and creative disciplines of Photography and Graphic Design in a digital practice. In the photography portion of the course you will learn to see the world as a photographer. You will learn how to use Digital SLR cameras and digital editing software to capture exciting images of people and places both in our studio and outside. The graphic design portion of the course will build on the skills of photography to learn the Adobe creative suite to create posters, publications and other print and digital designs. Throughout the course, you will complete a series of projects that will help you practice the skills you are learning and develop your technical and creative skills.

GRAPHIC DESIGN AND PHOTOGRAPHY 30

Credits: 5

Prerequisite: Graphic Design and Photography 20

This advanced course brings together the visual and creative disciplines of Photography and Graphic Design in a digital practice. In the photography portion of the course you will learn to see the world as a photographer. You will learn how to use Digital SLR cameras and digital editing software to capture exciting images of people and places both in our studio and outside. The graphic design portion of the course will build on the skills of photography to learn the Adobe creative suite to create posters, publications and other print and digital designs. Throughout the course, you will complete a series of projects that will help you practice the skills you are learning and develop your technical and creative skills.



LEADERSHIP 10

Credits: 5 **Prerequisite: None**

Do you like being involved in the school community? Do you want to make a difference? Leadership 10 is an introductory course to learn the ways to become successful leaders - within our school setting and community. Students will explore and discover who they are as leaders and the importance of their voice. Fundamental leadership skills such as communication, problem solving, and initiative will be explored through a variety of interactive and hands-on activities. Students will work together; and through collaboration and reflection, will plan and lead various in-class activities, as well as small and large whole school events. Students will be required to complete a reflective journal to highlight their volunteering experiences and their impact on our community. We can't wait to have you join our program!



LEADERSHIP 20

Credits: 5 **Prerequisite: Leadership 10**

Did you enjoy Leadership 10 and want to continue to learn more about how you can contribute to our school community, while developing valuable personal life skills? Leadership 20 is designed to continue the development and refinement of your leadership skills. Through various hands-on and interactive activities, we will take a closer look at the difference between leadership and management. In addition, students will reflect on the effective characteristics of an effective leader, and will create SMART goals for the semester. Students will work together to plan, lead, reflect and evaluate various in-class activities, as well as small and large whole school events. Students will work together; and through collaboration and reflection, will plan and lead various in-class activities, as well as small and large whole school events. Students will be required to complete a reflective journal to highlight their volunteering experiences and their impact on our community. Looking forward to continuing the leadership journey together!



LEADERSHIP 30

Credits: 5 **Prerequisite: Leadership 20**

Having completed Leadership 10 and 20, you are now ready for Leadership 30. This is your opportunity to leave a legacy at Crescent. Leadership 30 is designed to spark learning and inquiry on how to effectively apply your leadership talents and gifts towards making change. You will be challenged to consider how you as a leader can make change, and how to build high performing teams through engaging and hands-on tasks. Students will work together; and through collaboration and reflection, will plan and lead various in-class activities, as well as small and large whole school events. Students will be required to complete a reflective journal to highlight their volunteering experiences and their impact on our community. What legacy will you leave at Crescent?



LEGAL STUDIES 10/20

Credits: 5 **Prerequisite: None**

This program is designed to enable students to gain a better understanding of the Canadian legal system. An emphasis is placed on aspects of law that have a particular relevance to the young citizen. Topics investigated include business law, family law,



employment law, criminal law and environmental law. Due to the nature of the subject matter, current legal events are also examined.

LEGAL STUDIES ADVANCED

Credits: 5

Prerequisite: None

This program is designed to allow students the opportunity to explore in depth, the following topics: Criminal Law, Controversial Legal Issues, Negligence, Property Law and Landmark Decisions. The course is very much designed for the motivated self-directed learner that enjoys reading and writing. However, a good showing in Social/English 10-1 or 10-2 is strongly recommended.

METAL TECHNOLOGY/FABRICATION 10

Credits: 5

Prerequisite: None

If you enjoy working with your hands, using tools and equipment to make interesting projects then Metal Technology is for you. This course will teach you how to use approximately 100 hand tools, 10 machinery tools of which 5 are commercial machines. There are 5 projects to help you gain experience of each tool and machine in this course. We will teach you how to draft, measure, cut, file and bend sheet metal to provide you with the opportunity to gain experience in the use of power and hand tools. In each project you will draft onto a 2-dimensional piece of paper and sheet metal to create a 3-dimensional product.

METAL TECHNOLOGY/FABRICATION 20

Credits: 5

Prerequisite: Fabrication 10

Metal Fabrication 20, students build projects that will further their skills and knowledge in metal work. Students are introduced to rectangular projects with the addition of learning how to expand and shrink metal. They will also acquire skills to remove imperfections from their projects. Students will learn other metal attachment methods. These methods will be applied their Medieval projects. Student are introduced to Medieval Heraldry and learn how to apply their own designed Heraldry to their metal projects.

METAL TECHNOLOGY/FABRICATION 30

Credits: 5

Prerequisite: Fabrication 20

Projects become more advanced, and students will be exposed to shaping thicker sheet metal to place into circular artifacts to continue creating Medieval projects. Students will learn how to “stamp” metal parts and attach fabricated parts into intricate moving parts. Students acquire knowledge how to operate a metal lathe and milling machine

Well-Being and Personal Development

PHYSICAL EDUCATION 20

Credits: 5

Prerequisite: Physical Education 10

Students successfully achieving a pass in the PE 10 may enroll in PE 20. PE 20 runs in conjunction with the PE 10 program. Students will choose activities based on their interests, and must include a completed outcome in swimming, dance, and self-defense. This option provides an excellent opportunity to experience a wide variety of individual and team activities both on campus and off. Students will be expected to wear appropriate attire for this class (both indoor and outdoor runners as well as athletic clothing are required; PE shirts will be provided).



PHYSICAL EDUCATION 30

Credits: 5 **Prerequisite: Physical Education 20**

The PE 30 option is for the highly motivated PE student who is very active and interested in further enrichment in Physical Education. PE 30 requires a larger demand of the student's personal time due to off campus trips and activities outside the regular school hours. Due to this we recommend a mark of at least 80% at the PE 20 level. This class is a stand-alone class that has more of an emphasis on lifetime activities and outdoor pursuits.



SPORTS MEDICINE 10

Credits: 5 **Prerequisite: None**

Sports Medicine 10 students will be educated in the recognition of emergency Sports Medicine 10 students will be educated in the recognition of emergency procedures and immediate care and prevention of basic athletic injuries. They will heavily study anatomy of the human body to build the foundation to all aspects of training and treatment. Athletic taping will be a significant component and students will learn how to tape for arches, ankles, wrists, fingers and thumbs. Students will explore Health & Wellness principles including terminology and overall aspects of an individual's health. Students must also complete a 10 hour observation assignment outside of class time.



SPORTS MEDICINE 20

Credits: 5 **Prerequisite: Sports Medicine 10**

Students must have completed all aspects of Sports Medicine 10 to register in this class. Students continue their study of Injury Management, Injury Assessment & Treatment, and Pain & Pain Management. Students will be Level C CPR & AED Certified. Sports Med 20 students must complete a 25 hour practicum with one or more of the Crescent Heights' teams and/or in the community – providing athletic health support.



SPORTS MEDICINE 30

Credits: 5 **Prerequisite: Sports Medicine 20**

This program provides full exposure to various health-related professions, practices and certified health practitioners. Where possible, there exists the opportunity for a work experience component. Students will explore various chronic health conditions; advance their roles as community recreation leaders, coaching experiences and volunteerism. In Sports Med 30, the practicum requirement is 40 hours acting as a senior trainer in a leadership position. Students will administer and run the Crescent Heights High School training room under teacher supervision while coordinating and providing athletic training support to our Cowboy Athletic teams. A Health Care Provider Emergency CPR / Response course will be completed as one course within the program.

SPORTS PERFORMANCE 10

Credits: 5 **Prerequisite: None**

This course will focus on the development of an individual's fitness and fitness knowledge in relation to becoming a better athlete. Students will learn and implement knowledge pertaining to nutrition, sports psychology and training techniques to improve



their personal fitness for all sports and/or athletic activities. This is a physically demanding course and students will be doing vigorous physical training on a consistent basis.

SPORTS PERFORMANCE 20

Credits: 5 **Prerequisite: Sports Performance 10**

This course is a continuation of the introductory course. Previously learned training techniques and knowledge are used as a foundation for the next level of athletic development. Speed, Agility and Quickness are subjects that get explored further. Nutrition concepts are reinforced, and athletes get deeper into the psychology of sport. This course is an outstanding opportunity to immediately take theory learned and put it to practical use. This level of the course is also a physically demanding option and students should commit to improving their fitness and working to their full potential.

SPORTS PERFORMANCE 30

Credits: 5 **Prerequisite: Sports Performance 20**

This level of the course is the culmination the previous two years of athlete development. Students will learn how to take their fitness knowledge and use it to help themselves and others looking for direction in their quest for fitness development. Modules in periodization, Olympic lifting, cardio training and flexibility complement previous learned knowledge to create a comprehensive training background for the students.

ENVIRONMENTAL AND OUTDOOR EDUCATION 10

5 Credits **Prerequisite: None**

Are you a hands-on-learner with a passion for the outdoors and the environment? Do you enjoy being active and working as part of a team? Then this introductory course that explores the natural world, ecological processes, and different modes of travelling in the outdoors is for you. Classes will be structured around hands on activities and experiences in the form of projects and trips that apply skills and knowledge for environmentally responsible outdoor activities.

ENVIRONMENTAL AND OUTDOOR EDUCATION 20

5 Credits **Prerequisite: Environmental and Outdoor Education 10**

Are you a hands-on-learner with a passion for the outdoors and the environment? Do you enjoy being active and working as part of a team? Then this intermediate course that explores the natural world, ecological processes, and different modes of travelling in the outdoors is for you. Classes will be structured around hands on activities and experiences in the form of projects and trips that apply skills and knowledge for environmentally responsible outdoor activities.

ENVIRONMENTAL AND OUTDOOR EDUCATION 30

5 Credits **Prerequisite: Environmental and Outdoor Education 20**

Are you a hands-on-learner with a passion for the outdoors and the environment? Do you enjoy being active and working with a team? Then this advanced course, intended to develop skills and understanding related to a variety of outdoor and environmental topics is for you. The focus of the course will include environmental awareness, wilderness travel skills, group dynamics, leadership responsibilities, and a variety of related knowledge and skills. Students will take a large leadership role in organizing and planning out trips. Material covered in class will be reinforced through participation in planned outings. Possibilities may include backpacking, cycling, skiing/snowboarding, rock climbing and kayaking.

**YOGA 15****Credits: 5****Prerequisite: None**

Yoga will safely introduce students to the basic yoga (asanas) postures, breathing techniques, relaxation methods as well as basic anatomy and physiology. In this class, students will learn techniques to help manage stress and anxiety in their daily lives. This class will also help build strength, improve flexibility and help students gain an overall sense of balance through mind and body unification. Along with the physical benefits of a daily yoga practice, students will also begin to explore and understand the historical roots of yoga as an art, science and philosophy. All abilities are welcome.

YOGA 25**Credits: 5****Prerequisite: Yoga 15**

In Yoga 25 students will be safely introduced to more advanced postures while continuing to build on already established yoga practices. Students will further develop an understanding of their own unique needs and limitations through daily Yoga practice. During the semester, students will engage in several different yoga styles, breathing techniques and relaxation

**YOGA 35****Credits: 5****Prerequisite: Yoga 25**

In Yoga 35 students will be safely introduced to more advanced postures while continuing to build on already established yoga practices. Students will further develop an understanding of their own unique needs and limitations through a daily Yoga practice. During the semester, students will engage in a number different yoga styles, breathing techniques and relaxation methods to help deepen a sense balance and well-being in their day-to-day life as a high school student.

**PSYCHOLOGY 20****Credits: 6****Prerequisite: None**

This course provides an introduction to a wide range of topics in psychology. Examination of the foundation of psychological thought and theories of personality provide a backdrop for understanding current psychological approaches. Personality theories, methods of research, perception, and cognitive and personal development will be some of the topics covered. Abnormal psychology including studies of neurosis, psychosis, personality disturbances and defense mechanisms will also be examined. Students receive credits for General Psychology (3 credits) and Personal Psychology (3 credits).

**PSYCHOLOGY/SOCIOLOGY 30****Credits: 6****Prerequisite: None**

Experimental psychology provides an overview of the scientific experimentation process in the field of psychology. Modules examine scientific research methods, data display and interpretation, research ethics, and the design and completion of a psychological research experiment. On completing the course, students will have a basic understanding of the major concepts in experimental psychology and the complex nature of scientific research. Experimental Psychology (3 credits)



Sociology is the study of social behavior and human groups. The goal of the course is to help students understand how they are part of society, to understand society's influence on their lives and to visualize their roles in societal change. Content includes scientific methods of study, social institutions, elements of culture and subculture, race and ethnic relations, minority groups, public opinion, mass communication and propaganda, social control and deviation, crime and delinquency, and dating and marriage.) Applied Sociology (3 credits).

Fine and Performing Arts

ART 10

Credits: 5

Prerequisite: None

Art 10 is an introduction to the visual Arts and is a prerequisite for other Art courses. Students learn about the Elements and Principles of Art through various two-dimensional and three-dimensional projects. Emphasis is on the development of basic skills and techniques, process and craftsmanship, and effective studio management. Through a variety of project planning and research, students are introduced to artwork and artists, both past and present. The media and techniques explored vary from ceramics, sculpture, mixed media, drawing, painting, and collage **ART 10**

ART 20

Credits: 5

Prerequisite: Art 10

Art 20 continues the creative process, expanding on knowledge and skills gained in Art 10. Students take a conceptual approach to art making, with focus on idea development and articulation. The influence of Artists, past and present, and the exploration of personal themes are interwoven throughout each creative project. Students are expected to continue to develop their skills and techniques in the making of Art with attention to quality of work, reflection and refinement. The media and techniques explored vary from ceramics, sculpture, mixed media, drawing, painting and printmaking.

ART 30

Credits: 5

Prerequisite: Art 20

In Art 30, students are encouraged to develop a more independent approach to art making through the exploration of their own personal styles and themes. Students are expected to draw upon inspiration from the work of artists, past and present, to influence and enhance their artwork. Emphasis is on refinement of personal art-making skills and techniques with a focus on: drawing, painting, mixed media, sculpture, and ceramics. Art 30 is intended for serious Art students who will endeavor to push the boundaries of personal creativity in all their Artwork.

ADVANCED PLACEMENT ART

Credits: 5

Prerequisite: Art 30

This is a course taken in conjunction with Art 30. AP Art has been developed for students who have demonstrated a strong interest and commitment to excel in the visual arts. These students will complete an AP Art portfolio with an emphasis on process, inquiry and completed artworks. All students will submit a portfolio at the end of the course that has followed the AP Art Submission requirements. This course will emphasize ongoing experimentation and exploration in the development of a personal artist style. Mastery of concepts, composition, execution, varied art mediums, mixed media, and themes, concepts, subject matter, and content are an expected outcome.

CHORAL MUSIC 10

Credits: 5

Co-requisite: Choir 15

Choral 10 is a great option for people who would like to learn skills to be a great singer. Music history, theory, musical styles, and the Choral art form are also explored. Students will engage in activities such as group performance and research projects, composition projects, theory, and the study of musical styles such as those from the Renaissance, as well as popular music styles of today.

CHORAL MUSIC 20

Credits: 5

Co-requisite: Choir 25

Choral 20 is a continuation of the skills and knowledge developed in the Choral 10 class. Musical styles from the Baroque and Romantic periods will be a focus, along with current styles, such as Musical Theatre. Students are involved in numerous projects which involve research and performance, and solo opportunities are available.

CHORAL MUSIC 30

Credits: 5

Co-requisite: Choir 35

Choral 30 is a continuation of the skills and knowledge developed in the Choral 10 and 20 programs. Music theory, development of singing skills, performance projects and composition continue to be explored in more depth. Musical styles such as Modern/Contemporary music, as well as roots of current music such as Rock'n'Roll, Country and Western, and Jazz are components of the history part of the program.

DANCE 15

Credits: 5

Prerequisite: None

Dance is for both the beginning and experienced dancer and is taught in Crescent's professional caliber dance studio. Emphasis is on skill development. Dance 15 provides an introduction to a variety of dance styles such as Ballet, Jazz, Contemporary Dance, and Hip Hop. Hip hop guests are invited in to enhance the learning experience. Some elements of choreography are explored through projects and an opportunity to perform in class, at pep rallies and other venues is offered.

DANCE 25

Credits: 5

Prerequisite: Dance 15

Dance 25 is a further study of Ballet, Jazz, Contemporary Dance and Hip Hop expanding upon skills from Dance 15. Ballet barre work is introduced as a means of improving technique and flexibility. Technical and performance skills are taught through class work. Creating choreography and expressing meaning through movement is explored through various projects. Students engage in their learning by exploring new forms of movement through collaborative projects. Student leadership is encouraged as opportunities are provided for student choreographers to produce their own work.

DANCE 35

Credits: 5

Prerequisite: Dance 25

There is a stronger focus on performance in Dance 35 and a solo performance is required. Students will use improvisation to design choreography and perform their work. Workshops and guest choreographers are invited in to the class to enhance the dance experience. Auditions and performance skills are developed and opportunity for performing and choreographing is offered in class, at school concerts and pep rallies. Emphasis will be on skill development, creating choreography and performing. Dance 35 encourages the development of personal style in dance allowing student voice and independent thinking to be part of the journey. Dance 35 prepares students for the dance program at the University of Calgary or other universities offering studies in dance.

DRAMA 10

Credits: 5

Prerequisite: none

This course is open to all students who are passionate about the world of theatre and enjoy working with others in a theatrical setting. Drama 10 is an introduction to Theatre Arts and includes the following units: Orientation, Movement, Speech, Characterization, Improvisation and Technical Theatre/Design. Personal growth, self-discipline and a willingness to take risks are important outcomes of Drama 10.

DRAMA 20

Credits: 5

Prerequisite: Drama 10

Drama 20 is a course designed for those students who have been successful in Drama 10 and who wish to pursue the study of Theatre Arts in greater depth and with increased dedication. Drama 20 includes the following units: Orientation, Movement, Acting, Children's Theatre, Improvisation, Playwriting and Technical Theatre/Design. Students are expected to have developed the qualities of self-discipline, focus and artistic awareness.

DRAMA 30

Credits: 5

Prerequisite: Drama 20

Drama 30 is an extension of the skills developed in Drama 20, with a major focus on the study of directing and acting. Additional units will include Improvisation, Theatre History and Technical Theatre/Design. The course is designed to provide the student with self-awareness, confidence in collaboration and for those that choose to do so, and the base from which to go on to further study Theatre at the university or college level.

TECHNICAL THEATRE 15

Credits: 5

Prerequisite: none

This course offers the opportunity to explore the backstage production elements of theatre including: sound, lighting, costuming, make-up, set design, stage management and other aspects of technical theatre production. Open to all students. A co-curricular requirement is to provide the technical support for major performances in Drama and Dance.

TECHNICAL THEATRE 25

Credits: 5

Prerequisite: 15

Building on the knowledge and practical experience gained at the 15 level, this course involves students in the design of all the elements in technical theatre. A co-curricular requirement is to provide the technical support for major performances in Drama and Dance.

TECHNICAL THEATRE 35

Credits: 5

Prerequisite: 25

This final level of the program involves large collaborative group projects and involves students in leadership roles of production crews and mentorship. A co-curricular requirement is to provide the technical support for major performances in Drama and Dance.

ADVANCED ACTING/TOURING 15/25/35

Credits: 3 or 5

Prerequisite: *Enrolment in Advanced Acting and Touring for Theatre is only permitted with the teacher's recommendation through auditions.

Advanced Acting offers students the opportunity to study theatre as a production-based course. The focus of the class is a full-scale production of a scripted play, working collaboratively to build relationships, share responsibility and express creatively. The class is offered after school and all rehearsals and performances are



outside of the regular timetable. Students need to be able to commit to all workshops, rehearsals and performances for the duration of the production work. Students must audition for a part in the play or can sign up for the stage management side of the course. Please see drama teacher for further details.

DIRECTING 35

Credits: 5

Prerequisite: *Drama 30 and Drama teacher approval

Directing 35 provides the opportunity for students to explore the role of the theatre director as the creative leader of a production from the inception of the idea, through the process of rehearsal, to the final performance. Directing 35 will provide students the opportunity to develop leadership skills, think creatively and critically and build meaningful relationships within their cast and crew, as well as members of the professional arts community. Directing 35 is a process-driven, project-based course designed to meet the unique needs of student in the Drama department. Directing 35 takes place during the regular timetable and students will be enrolled in a class with drama 10 students. Throughout the course of the semester, directing students will work with the drama 10 students to create several directing pieces, with the course culminating in a final One Act play directing assignment.

INSTRUMENTAL MUSIC 10/20/30

Credits: 5

Co-requisite: Band 15/25/35 – Instrumental 10 prerequisite is Grade 9 Band or Private Instruction on a woodwind, brass or percussion instrument.

These instrumental music-training courses focus on developing musicianship, instrument technique, music theory, music history, and ear training. Opportunities to compose and perform are also featured. Students must enroll in both Instrumental Music and the corresponding Band 15/25/35 course.

BAND 15/25/35 – CONCERT BAND

Credits: 5

Co-requisite: Instrumental Music 10/20/30

Concert Band provides an opportunity for students to explore a variety of wind band literature in a large ensemble setting. The Concert Band participates in a variety of performance activities including concerts, festivals, workshops and tours.

INSTRUMENTAL JAZZ 15/25/35

Credits: 5

Co-requisite: Instrumental Music 10/20/30

Jazz Ensemble is a co-curricular program that introduces instrumentalists to all facets of performing in a Jazz Ensemble. Blues, Swing, Latin, and Jazz- Rock will be idioms studied. This is a jazz performance-based program. Activities will focus on the development of each student as a well-rounded musician. This will include jazz technique, theory, listening, music appreciation, rhythm section foundations, and large ensemble performance. We will build upon skills learned in Instrumental Music and focus on jazz specific skills including various styles and form, improvisation, spoken/played jazz articulations, and extended technique. The development of teamwork, individual practice, creativity and complex thinking skills are also of great importance.

