



Elk Island Public Schools



# BEV FACEY

Community High School

2024-25

Program Guide

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# Welcome To Bev Facey

We're excited about the coming school year, and we thank you for choosing Bev Facey as your high school. Serving the community of Sherwood Park since 1981, we have a tradition of excellence and an abiding belief that every student can learn and be successful. Facey is an exciting and innovative learning community with a wide range of programs designed to meet every student's needs. We offer academic excellence, school spirit and leadership opportunities. Facey is well recognized as a school of academic rigour, superior athletics, thriving fine arts and innovative CTS programs.

Students, staff and parents of Bev Facey Community High School have developed "The Facey Way", a philosophy that guides all school activities. In keeping with the principles of The Facey Way, students, staff and parents in our school community accept responsibility for maintaining and representing our positive school image.

## The Facey Way

### COMMITMENT

Make a commitment to do your best work at all times.

### DEDICATION

- Be serious about your education.
- Give yourself every opportunity to succeed.
- Live a balanced life that will help you reach your goals.

### ENTHUSIASM

- Take advantage of what school has to offer.
- Get involved in the many school activities.
- Make your learning fun.

### LOYALTY

- Represent Bev Facey as a positive ambassador and support our Falcons in a sportsmanlike manner.

### RESPECT

- Treat yourself and others with dignity and respect.



# Student Support Services

The Student Services department provides a variety of strategies and resources to develop and support student success. Counsellors work with classroom teachers to keep students on track academically to complete their high school education. Counsellors assist with:

## Academic Success:

- High school program planning
- Study/organizational skills
- Exam accommodations and development of Individualized Support Plans (ISPs)

## Counselling Services:

- Help students explore interests, skills, values and career opportunities
- Post-secondary information and planning
- Help with research and application for awards, scholarships, grants and student loans
- Confidential discussion of personal concerns or problems which may interfere with school progress and personal well-being
- Working with, and referral to, community agencies
- Support in times of stress

# Bev Facey Clubs

Archery

CARE

Cyber Defense

eSports

Junior Achievement

Facey Spectrum GSA

Model United Nations

Robotics

Student Voice

Yearbook



# Bev Facey Athletics



Archery  
Badminton  
Basketball  
Cross Country  
Curling  
Football  
Rugby  
Slow Pitch  
Swimming  
Team Handball  
Track and Field  
Unified Sport  
Volleyball  
Wrestling



# Diploma Requirements

## Alberta High School Diploma Requirements

To obtain an Alberta High School Diploma, you must earn at least 100 credits by taking required courses, plus other courses that interest you to achieve your goals.

### These courses are required for a diploma:

- English Language Arts 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Mathematics 20-1 or 20-2 or 20-3
- Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20\*
- Physical Education 10
- Career and Life Management (CALM)

\*The science requirement may also be met with the 10-credit combination of Science 14 and Science 10

### Earn 10 credits or more, in any combination, from:

- Career and Technology Studies (CTS)
- Fine Arts
- Second Languages
- Physical Education 20 and/or 30
- Registered Apprenticeship Program (RAP) courses

### Earn 10 credits or more in any 30-level course (in addition to a 30-level English Language Arts and 30-level Social Studies), in any combination, from:

- 30-level Mathematics or Science or Fine arts or Second languages or CTS or Physical Education
- 30-level Work Experience
- 30-level Registered Apprenticeship Program (RAP)
- 30-level Knowledge and Employability courses
- Advanced level (3000 series) in CTS courses
- 30-level Green Certificate Program courses
- Special Projects 30
- 30-level Locally Developed Course

# High School Planning

By planning ahead, you can make sure your studies meet requirements and serve your goals and interests. Create a plan that works for you!

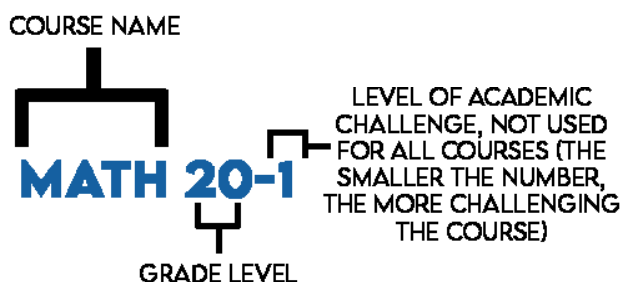
## Course credits

To earn credits in a course, you need a mark of at least 50%. Each course is assigned a number of credits (usually 1, 3 or 5), and credits can only be earned once for each course. You need to meet course requirements and have 100 credits to graduate with an Alberta High School Diploma.

## Course numbering and sequencing

A course number typically tells you both the grade level and level of academic challenge.

- Grade 10 courses are numbered 10 through 15 (for example Science 10 and Science 14)
- Grade 11 courses are numbered 20 through 25 (for example Biology 20)
- Grade 12 courses are numbered 30 through 35 (for example Mathematics 31)



Course numbers are arranged in sequences. For example, an English Language Arts course sequence might involve taking English Language Arts 10-1 in Grade 10, English Language Arts 20-1 in Grade 11 and English Language Arts 30-1 in Grade 12.

## Prerequisites

A prerequisite is something you need to do or know before doing or learning something else. Most grade 11 and 12 courses have prerequisites. Typically, you need to earn a grade of at least 50% in a prerequisite course to take the next course in a sequence.



# High School Planning

Use what you learn from this guide to make decisions about your studies for the next three years. By planning ahead, you can make sure your studies meet requirements and serve your goals and interests.

## CHECKLIST

Make sure you:

- choose core and option courses needed for your program\*
- have the prerequisites you need
- consider what you need in order to apply for post-secondary studies and to achieve your career goals

\*CALM and Physical Education are not core courses, but are required for an Alberta High School Diploma, so don't forget to add them to your list.

| Grade 10                           |        | Grade 11                           |        | Grade 12                           |        |
|------------------------------------|--------|------------------------------------|--------|------------------------------------|--------|
| Course                             | Credit | Course                             | Credit | Course                             | Credit |
| English Language Arts 10-1 or 10-2 |        | English Language Arts 20-1 or 20-2 |        | English Language Arts 30-1 or 30-2 |        |
| Social Studies 10-1 or 10-2        |        | Social Studies 20-1 or 20-2        |        | Social Studies 30-1 or 30-2        |        |
| Math 10C <i>or</i><br>Math 10-3    |        | Math 20-1 or 20-2                  |        | Math 30-1 or 30-2<br>Math 31       |        |
|                                    |        | Math 20-3                          |        | Math 30-3                          |        |
| Science 10 <i>or</i><br>Science 14 |        | Science 20                         |        | Science 30                         |        |
|                                    |        | Biology 20                         |        | Biology 30                         |        |
| Physical Education 10              |        | Chemistry 20                       |        | Chemistry 30                       |        |
| <b>Options</b>                     |        | Physics 20                         |        | Physics 30                         |        |
|                                    |        | Science 24                         |        | <b>Options</b>                     |        |
|                                    |        | CALM 20                            |        |                                    |        |
|                                    |        | <b>Options</b>                     |        |                                    |        |
|                                    |        |                                    |        |                                    |        |
| <b>Total Credits</b>               |        | <b>Total Credits</b>               |        | <b>Total Credits</b>               |        |
| Recommended Credits: 40            |        | Recommended Credits: 40            |        | Credits as needed                  |        |



# Advanced Placement

Advanced Placement (AP) covers the same curricular outcomes as the Alberta -1 stream but may move at a faster pace. You will have the flexibility to enroll in the AP classes that interest you. There are no mandatory courses you have to register in. Choose to take one or several AP courses or a full AP program, with academic timetables tailored to your individual abilities, interests and extracurricular commitments. AP courses allow students to develop and practice higher order thinking skills with other like-minded, driven students and participate in enrichment activities, special events and field trips offered to Advanced Placement students.

Program flexibility:

- Students may choose to take one AP course, several courses, or a full AP program.
- Students may choose to challenge AP exams in other areas based on teachers' discretion and recommendation.
- Academic timetables can be tailored according to individual abilities and interests.

## **AP Capstone™**

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork and communication skills that are increasingly valued by post-secondary institutions. AP Capstone™ comprises two AP courses - AP Seminar and AP Research - and is designed to complement and enhance the discipline-specific study in other AP courses.

Students successful in AP Seminar and AP Research and four additional AP Exams receive the AP Capstone Diploma™. Students with less than four additional AP Exams receive the AP Seminar and Research Certificate™. The University of Alberta can grant 3 credits at the 100-level to students who successfully complete the Capstone Diploma.

## **AP Seminar (Grade 11)**

AP Seminar is a course in which students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own perspectives in research-based written essays and design and deliver oral and visual presentations, both individually and as part of a team. Students complete a team project and an individual paper and presentation, as well as take a written end-of-course exam, contributing to the overall AP Seminar score.

## **AP Research (Grade 12)**

Prerequisite: AP Seminar

AP Research lets students deeply explore an academic topic, problem, or issue of interest to them. Students design, plan and conduct a yearlong research-based investigation to address a research question, documenting their process with a portfolio. The course ends with a 4,000- to 5,000-word academic paper and a presentation with an oral defense which contribute to the overall AP Research course. There is no end-of-course exam.

# Advanced Placement

| Grade 10                      | Grade 11   | Grade 12   |
|-------------------------------|--|--|
| <b>English 10-1 AP Prep</b>   | <b>English 20-1 AP*<br/>Language &amp; Composition</b> | <b>English 30-1 AP*<br/>Literature &amp; Composition</b> |
| <b>Science 10 AP Prep</b>     | <b>Chemistry 20 AP</b>                                 | <b>Chemistry 30 AP*</b>                                  |
|                               | <b>Physics 20 AP</b>                                   | <b>Physics 30 AP**</b>                                   |
| <b>Biology 20 AP</b>          | <b>Biology 30 AP*</b>                                  |  |
| <b>Math 10C AP Prep</b>       | <b>Math 20-1 AP</b>                                    |  |
|                               | <b>Math 30-1 AP</b>                                    | <b>Math 31 AP*</b>                                       |
|                               |  | <b>Statistics 35</b>                                     |
| <b>Capstone Prep</b>          | <b>AP Seminar*</b>                                     | <b>AP Research</b>                                       |
| <b>French 10-9Y AP Prep</b>   | <b>French 20-9Y AP</b>                                 | <b>French 30-Y AP*</b>                                   |
| <b>Computing Science AP**</b> | <b>Computing Science AP**</b>                          | <b>Computing Science AP**</b>                            |
| <b>Music Theory 10 AP</b>     | <b>Music Theory 20 AP</b>                              | <b>Music Theory 30 AP*</b>                               |
| <b>Art 10</b>                 | <b>Art 20 AP</b>                                       | <b>Art 30 AP*</b>  |

\* Indicates an AP exam will be written at the end of the course

\*\* Indicates that 2 AP exams will be written at the end of the course

## Knowledge & Employability

The Knowledge & Employability courses (K&E) are designed for students who are interested in pursuing a vocational career and who wish to earn a Certificate of High School Achievement instead of an Alberta High School Diploma.

K&E courses focus on three areas to help support students:

- Emphasis on basic skills essential to becoming responsible members of society.
- All learning in core courses is related to what students will use in the world of work.
- Emphasis on meeting the unique learning needs of students enrolled in these courses.

NOTE: Students enrolled in K&E courses in one core subject area may choose to register for 10-2, 20-2, 30-2 courses in different core subject areas. Each student's timetable is structured to best meet their individual strengths and abilities.

# Knowledge & Employability

## Certificate of High School Achievement Requirements

The requirements indicated below are the minimum requirements to attain a Certificate of High School Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses. To obtain a Certificate of High School Achievement, you must earn at least 80 credits by taking required courses, plus other courses that interest you and help you achieve your goals.

### These courses are required for a certificate:

- English Language Arts 20-2 or 30-4
- Mathematics 10-3 or 20-4
- Science 14 or 20-4
- Social Studies 10-2 or 20-4
- Physical Education 10
- Career and Life Management

### Earn 5 credits or more from any of the following:

- 30-level Knowledge & Employability Occupational course
- 30-level Career & Technology Studies (CTS) courses
- 30-level locally developed courses with an occupational focus

### Can earn an additional 5 credits or more from any of the following:

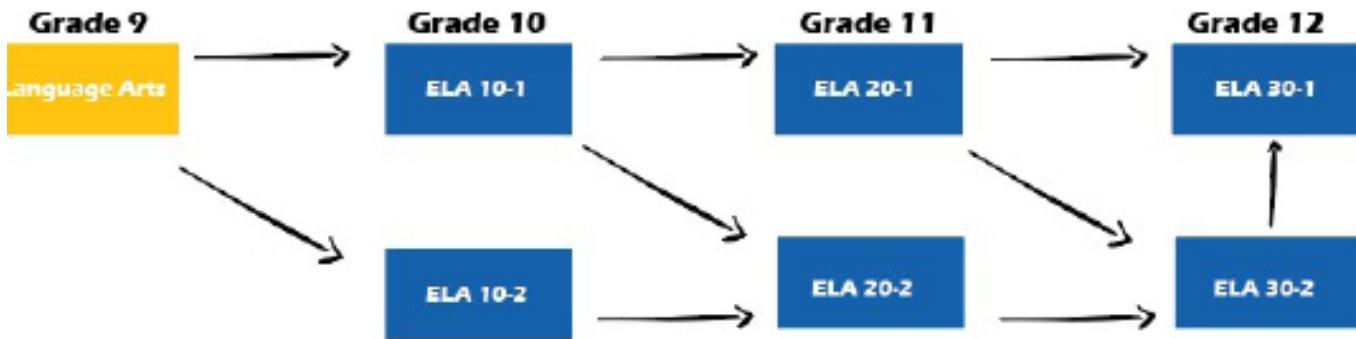
- 30-level Knowledge & Employability Workplace Practicum courses
- 30-level Work Experience course
- 30-level Green Certificate course
- 30-level Registered Apprenticeship Program (RAP) course
- Special Projects 30

### OR, instead of the 10 credits in the sections immediately above earn 5 credits in:

- 30-level Registered Apprenticeship Program (RAP) course



# English Language Arts



## English Advanced Placement



**\*60% is the recommended mark for -1 stream**

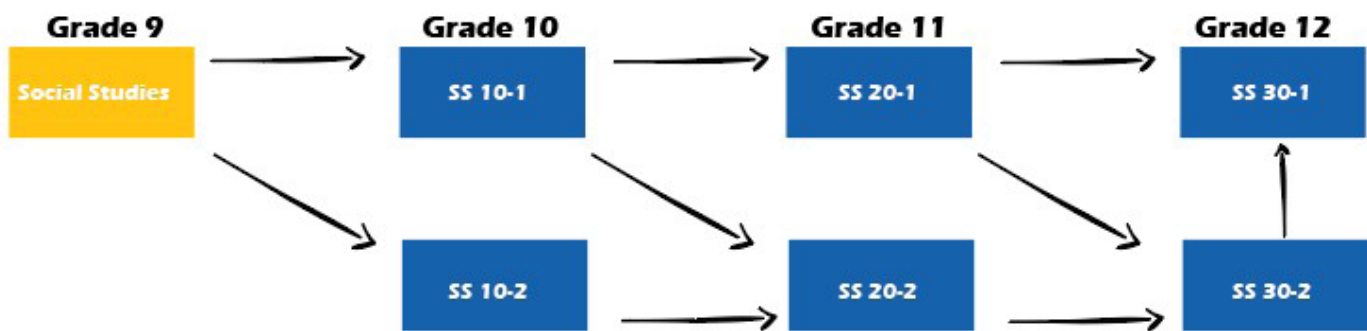
English Language Arts (ELA) courses provide students with an understanding and appreciation of literature in all forms. Students are challenged to take risks that help them develop the ability to communicate their ideas competently and confidently in a safe and supportive classroom environment.

**English Language Arts 10-1, 20-1 and 30-1** explore texts in the form of print, visual and multimedia. Students develop skills in reading, writing, viewing, representing, speaking and listening and strengthen their critical thinking skills for the world of higher academic learning and work. Success in this course sequence requires independent study skills and a strong work ethic. **There are also Advanced Placement sections of this course.**

**English Language Arts 10-2, 20-2 and 30-2** incorporate fiction, non-fiction, film and other print and media forms. Discussion will be largely based on linking students' personal experiences with characters represented in the texts. Success in this course sequence requires a commitment to strengthening communication skills through consistent practice and studying.

Both course sequences require students to write a diploma exam upon completion of the 30-level course to meet the requirements of an Alberta High School Diploma. We strongly recommend students familiarize themselves with the requirements of their post-secondary program or career path as their acceptance may be dependent on their completion of English 30-1 or English 30-2.

# Social Studies



**\*60% is the recommended mark for -1 stream**

Social Studies helps students develop the attitudes, skills and knowledge to become engaged, active, informed and responsible citizens who can affect change in their local communities and beyond.

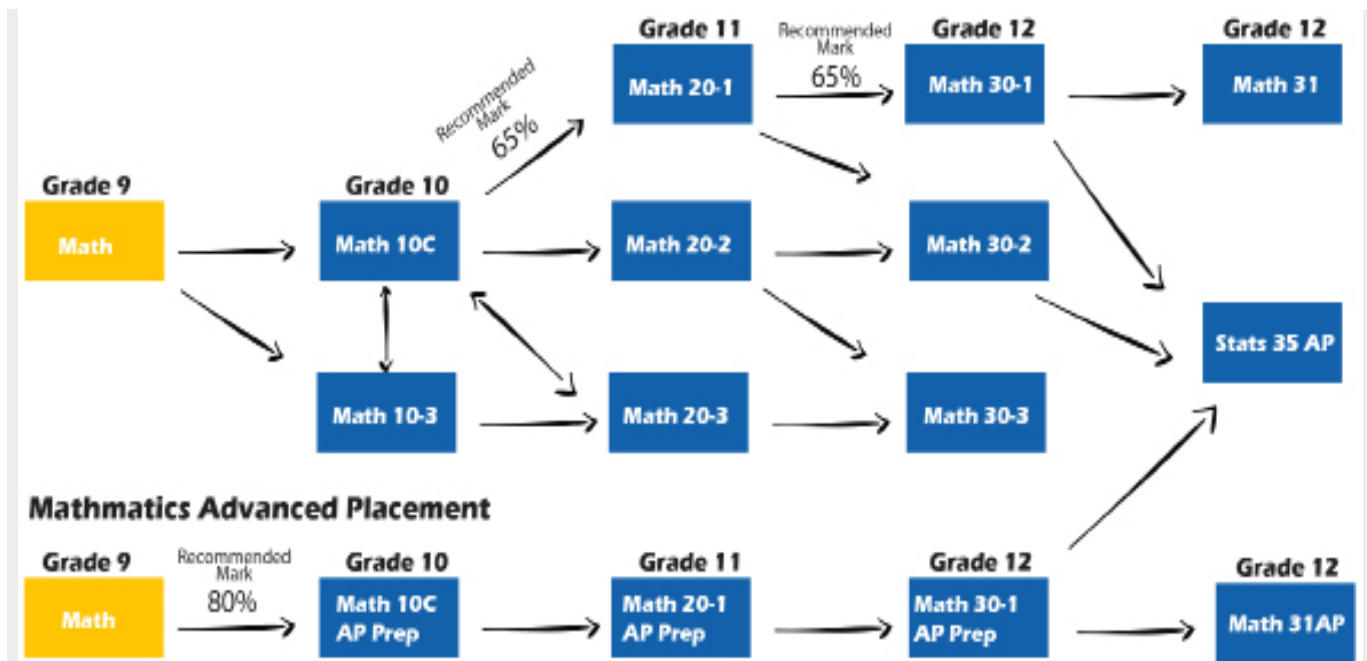
**Social Studies 10-1, 20-1 and 30-1** explore the origins and complexities of globalization, nationalism and ideologies while considering historical perspectives, current affairs and controversial issues within our society.

**Social Studies 10-2, 20-2 and 30-2** explore the themes of globalization, nationalism and ideologies while fostering active participation and respect for diversity. This allows students to understand emergent issues at the local, national and global levels.

Both levels meet graduation requirements and require that students write a diploma examination upon completion of the 30-level course. The expectations for Social Studies 10-1, 20-1 and 30-1 are more challenging, particularly in areas of concept development, critical thinking and skill development with an emphasis on rigorous academic writing. We strongly recommend students familiarize themselves with the requirements of their post-secondary program or career path as their acceptance may be dependent on their completion of Social Studies 30-1 or Social Studies 30-2.



# Mathematics



When it comes to math, it's important to choose courses appropriate to abilities, interests and future goals. Previous math marks will also help to indicate which course pathways are most appropriate.

**Mathematics 10C (Combined)** is the starting point for both -1 and -2 course sequences and will prepare students for entry into post-secondary programs that may require math. **There are also Advanced Placement sections of this course.**

**Mathematics 10-3** is a course for students who had challenges with Mathematics 9 skills. Students successful in Mathematics 10-3 can continue on to Mathematics 20-3, which meets the math requirement for an Alberta High School diploma, or can attempt Mathematics 10C.

**Mathematics 10-3/Mathematics 10C** is a full year option designed for the motivated and mature student with -1 or -2 aspirations. This course will allow students extra time to learn and study the Math 10C concepts. Students will start by completing the Math 10-3 course in the first semester. Math 10-3 will be taught at an accelerated pace which will allow more than one semester to complete the required skills in Math 10C. Recommended marks of 50-65% in Math 9.

**Mathematics 20-1 and 30-1** prepare students for entry into post-secondary programs that require the study of calculus, such as Science and Engineering. Topics include algebra, measurement, relations and functions, trigonometry, permutations and combinations. **There are also Advanced Placement sections of this course.**

**Mathematics 20-2 and 30-2** prepare students for post-secondary programs that do not require the study of calculus. Topics include geometry, measurement, number and logic, logical reasoning, relations and functions, statistics and probability.

# Mathematics

**Mathematics 20-3 and 30-3** prepare students to enter most trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number and logic, statistics and probability.

**Mathematics 31** is an advanced mathematics course that prepares students for post-secondary programs that recommend or require high school calculus for entrance. Math 30-1 is a co-requisite for this course. In this course, students will learn about limits, derivatives and integral calculus. **There are also Advanced Placement sections of this course.**

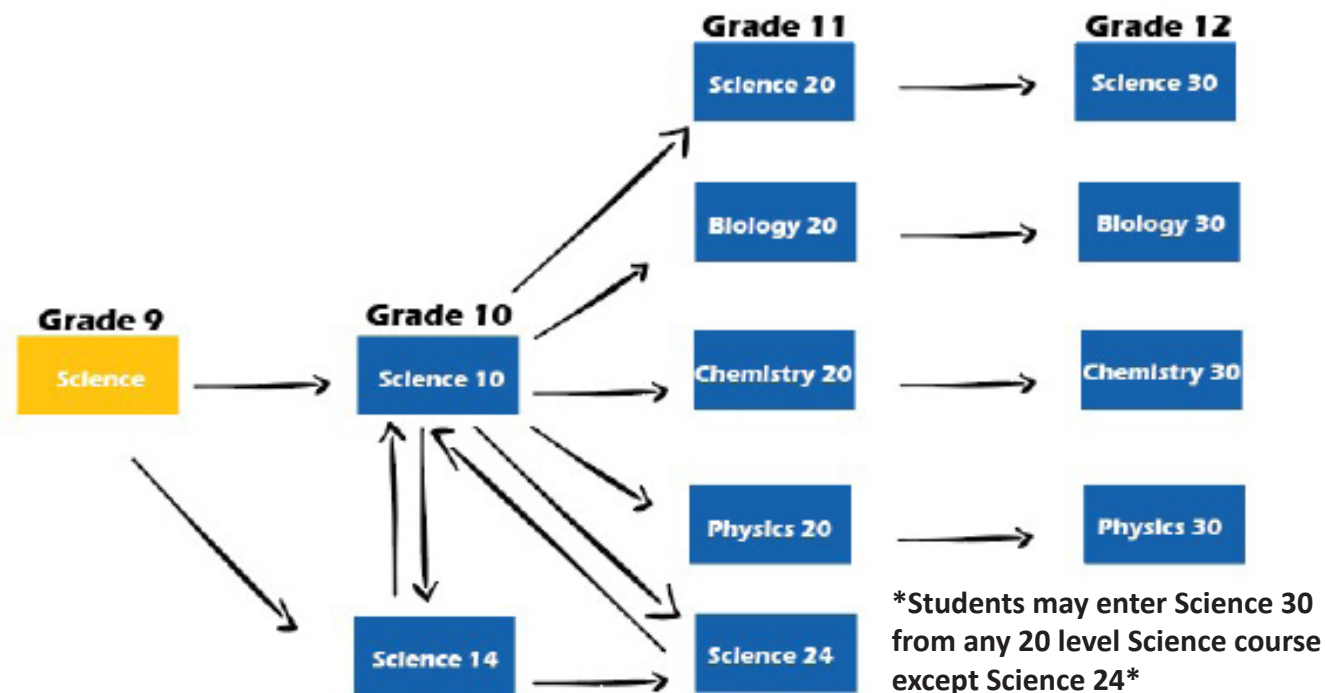
**Statistics 35 AP** is an introduction to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Do cell phones cause brain cancer? Do people live longer in wealthier countries? Does listening to music while studying help or hinder learning? These are just a few questions that statistics can help answer. A solid understanding of statistics will enable you to make sound, data-based decisions in your career and everyday life.

The number of students who enroll in an introductory statistics course in post-secondary is almost as large as the number of students who take a calculus course. An introductory statistics course, similar to Stats 35 AP, is typically required for majors such as social sciences, health sciences and business. Science, engineering and mathematics majors usually take an upper-level course in statistics, for which Stats 35 AP would be an effective preparation.

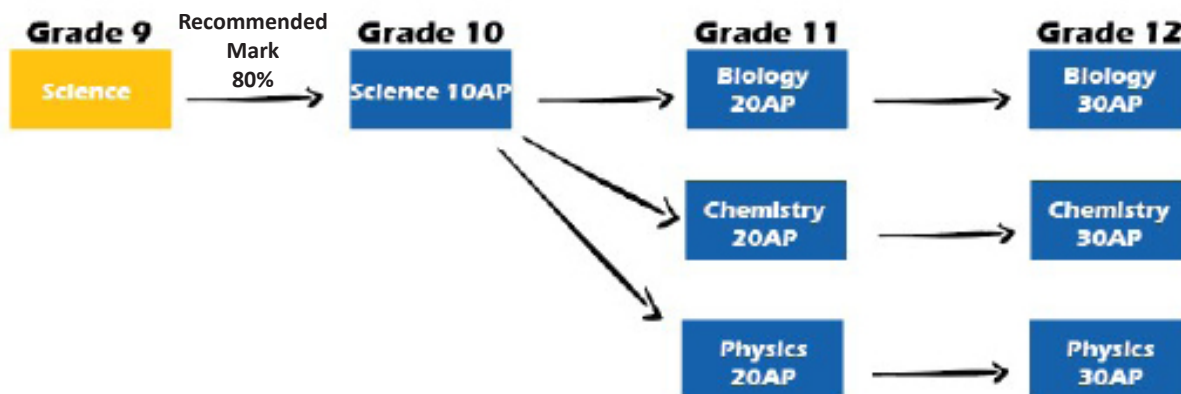
Students who successfully complete the course will receive Alberta Education credits and those who write the AP exam may receive credit for an introductory college or university level statistics course. This is an AP course that could be completed in your grade 11 year; however, Math 30-1 or 30-2 is recommended as a prerequisite.



# Science



## Science Advanced Placement





# Science

**Science 10** is the prerequisite for all academic sciences. This course provides students with a unified view of the biological, chemical, physical and earth sciences with an awareness of the connections among them. The four topics covered are energy and matter in chemical change, energy flow in technological systems, cycling of matter in living systems and energy flow in global systems. **There are also Advanced Placement sections of this course.**

**Science 14 and 24** are general programs that allow students to meet the credit requirements for an Alberta High School Diploma – a minimum of 10 credits (two 5-credit courses) in approved science coursework.

**Science 20 and 30** Science 20 and 30 are ideal for students who are looking for an academic course but are not pursuing science or engineering in post secondary. They integrate concepts related to biology, chemistry, physics and Earth science. Science 30 may be entered from any 20-level science course, except Science 24.

**Biology 20 and 30** explore the interactions of living systems with one another and with their environment. They emphasize the context of science by considering the interrelationships among science, technology and society. In Biology 20, the underlying theme is energy and matter exchange in the biosphere and the human body. Biology 30 is a continuation of body systems and an introduction to the principles of genetics. **There are also Advanced Placement sections of this course.**

**Chemistry 20 and 30** involve the study of matter and its changes, and emphasize the context of science by considering the interrelationships among science, technology and society. Students are given an opportunity to explore and understand the natural world and to become aware of the profound influence of chemistry on their lives. **There are also Advanced Placement sections of this course.**

**Physics 20 and 30** involve the study of matter, energy and their interactions. This program considers the interrelationship between science, technology and society. Physics 20 and 30 will help students understand and mathematically explain the physics principles behind natural events they might experience and the technology they use in their daily lives. **There are also Advanced Placement sections of this course.**



# Health and Wellness Courses



## Physical Education 10, 20, 30 (5 credits)

Estimated field trip fee \$25 (PE 10), \$90 (PE 20), \$130 (PE 30)  
 Students develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. A variety of sport and recreational activities other than just traditional sports such as volleyball, basketball, handball and badminton will be covered. More non-traditional sports will also be covered in alternative environments such as aquatics, squash, racquetball, wallyball, bowling, yoga and broomball. Many unique activities such as tchoukball, chaos, rampage, cycling and wall/rock climbing will also be covered. The aim of the course is to promote and encourage life-long participation in physical activity.

## Physical Education 10 and CALM 20 combined (6 credits)

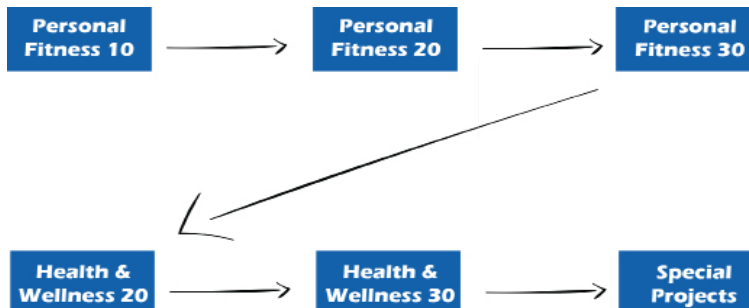
Estimated field trip fee \$25

This co-ed Physical Education/CALM combination class is designed to give instructional time in both Physical Education 10 and CALM 20. Students will get three credits in Physical Education and three credits in CALM upon successful completion of each course; both are a graduation requirement.

## Personal Fitness 10, 20, 30 (5 credits)

Estimated course fee \$55

This exciting co-ed course is intended to provide learning opportunities for students with a passion for athletics, wellness and healthy living. Those who register include people who want to improve their sports performance, get in shape or maintain good health. Some students take this course to build a foundation, in order to pursue a career in the area of athletics or health and wellness. Students who do well in this course have a passion for fitness and working out. They are self-directed and self-motivated. They understand what their goals are and are looking for ways to achieve them. Themes in Personal Fitness include elements of training, nutrition and goal setting. The whole purpose of this course is to focus on wellness in life both inside and outside of school. Students in this course improve upon their balance, coordination, speed, flexibility, strength, agility and power. We focus on the latest training principles and elements of safety, which we apply to our workouts during regular class time. Health and Wellness is a continuation of Personal Fitness and can only be taken once Personal Fitness 30 is completed. Topics are more geared to health care and personal health.



# Health and Wellness Courses

## Sports Medicine 15, 25, 35 (5 credits)

Estimated course fee \$100

This exciting program provides learning opportunities for students with an interest in the prevention, immediate care and rehabilitation of athletic injuries. Activities include: taping and strapping application, injury rehabilitation exercises, assessment for injury prevention and return to play, as well as classroom theory.



## High Performing Advisory Program (HPA)

High Performing Advisory is designed to give students who are top sporting or artistic performers the tools they need to achieve balance across their active and academic lives. The main goal is to identify students within the school community who excel at their craft and to facilitate better school/life foundations and support their academic success at Bev Facey. By providing academic counselling and educational flexibility, it is hoped that these students will attain greater personal success. Students balancing the dual challenge of pursuing excellence in academic studies while playing representative sport or excelling in the performing arts at the highest level are given assistance that is tailored to each individual. *Note: This is not a credit course.*

## Career and Life Management (CALM) 20 (5 credits)

CALM is designed to help students make informed decisions about choices impacting all aspects of their life. This course analyzes and develops behaviors and attitudes that contribute to student wellbeing.

The Career Choices unit allows students to investigate career possibilities through self-assessments, portfolio building, occupation and post-secondary research skills and school to work transition planning.

The Resource Choices unit encourages students to build financial literacy skills reflective of their personal values and lifestyle preferences.

The Personal Choices unit emphasizes the emotional, intellectual, social and physical dimensions of health, managing well-being and investigating adolescent health issues.

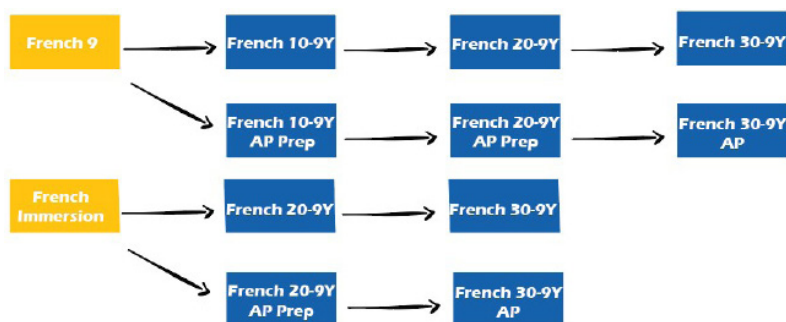
# Second Language Courses

## French 10-9Y, 20-9Y, 30-9Y (5 credits)

Estimated course fee \$10

The goals of the French as a Second Language (FSL) 9-year program are to develop students' communication skills, linguistic competence and appreciation of French culture in Alberta, Canada and around the world. Being able to use and understand French is an important aspect of Canadian life and global citizenship. A broader range of employment opportunities are available to second language learners.

Students will develop and use language learning strategies to become proficient and reflective learners of French. Activities and assessments are designed with 4 domains of communication in mind: LC (listening comprehension), RC (reading comprehension), OP (oral production) and WP (written production). Students will develop the necessary knowledge, skills and attitudes needed to communicate in a variety of real-life contexts. Our overarching goal is to have students become sufficiently competent in French so that they can function in the language and culture outside the classroom. Field trips and cultural events may be used to enhance curriculum. Second Language courses, including French 30-9Y, may be used by students for entry into post-secondary programs such as Arts, Nursing and Education. **There are also Advanced Placement sections of this course.**



## Spanish 10-3Y, 20-3Y, 30-3Y (5 credits)

Estimated course fee \$15

Students are introduced to the vibrant culture of various Spanish speaking countries. This course offers an exciting approach to learning Spanish through various types of activities. Students study grammar, practice their speaking skills and explore cultural aspects of the Spanish-speaking world.

Students will develop and use language learning strategies to become proficient and reflective learners of Spanish. Activities and assessments are designed with 4 domains of communication in mind: LC (listening comprehension), RC (reading comprehension), OP (oral production) and WP (written production). Field trips and cultural events may be used to enhance the curriculum.

Spanish is the second most spoken native language in the world, meaning potential opportunities for Spanish learners are abundant. Students can learn Spanish for travel, for work or to connect with family members, friends and neighbors. Plus, it's one of the easiest languages for English speakers to pick up. Second Language courses, including Spanish 30-3Y, may be used by students for entry into post-secondary programs such as Arts, Nursing and Education. \* Potential exchange and travel opportunities\*

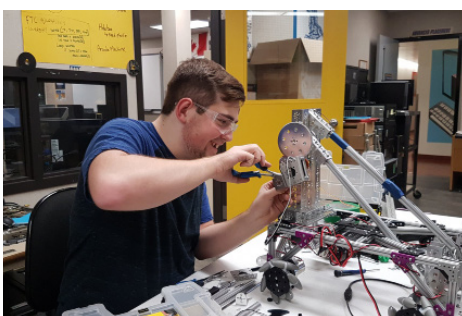
# Career and Technology Studies

Career and Technology Studies (CTS) is designed for high school students so they can explore their interests and career options. CTS offers students opportunities to develop skills that can be applied in their daily lives and improve their employability following high school.

## Computer Works 10, 20, 30 (5 credits)

Estimated course fee \$60 (CW10), \$45 (CW20), \$45 (CW30)

These courses give students the chance to discover how technology works and how to fix it when it breaks. Students will get to take apart and rebuild computers, printers, 3D printers, and other technology. They will work with various hardware, software, and operating systems, and design and build networks. Information Technology 10 is for students interested in all of these areas, and can lead to CompTIA A+ certification. IT 20 and 30 are courses designed for computer networking and cyber security, and can lead to certifications such as CCNA. Students in these courses will be prime candidates for the Facey Cybersecurity Teams.

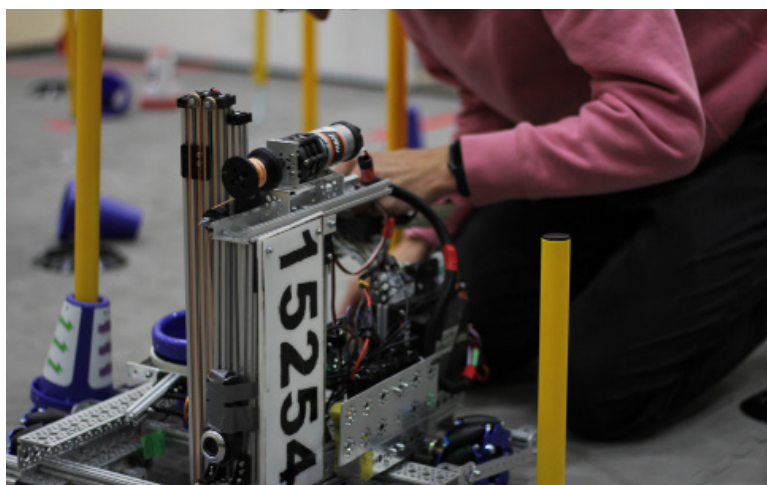


## Computing Science 10, 20, 30 (5 credits)

Estimated course fee \$25

These courses are designed to provide a solid introduction to computing science and programming. Students will learn about algorithms, data structures, and concepts such as variables, loops, conditionals, and functions. As well, they will experiment with artificial intelligence, learn data science, create games (e.g. Unreal and Unity), build websites, and work with hardware such as microcontrollers, robots, and internet of things. At each level students are encouraged to design and create projects of their own choosing.

**AP sections of this course are available.**



# Career and Technology Studies

## Construction Technology 10, 20, 30 (Woodworking) (5 credits)

Estimated course fee \$135

Students will have the opportunity to build anything from a skateboard to a residential garage. Our facility is the largest and best equipped woodworking shop in the province and instruction is provided by a Journey person Cabinetmaker. Woodworking is a hands-on class with ninety percent of the time being spent in the shop using all of the tools. Students at all grades complete set projects in the first half of the course that are designed to build skills and then they build whatever they want or need. Be creative!



Past students have built electric violins and guitars, garages, saddle trees, wooden boats, hay wagons, half pipes and fine furniture.

## Cosmetology 10, 20, 30 (Cos 10-5 credits, Cos 20 & 30-5 credit or 10 credit)

Estimated course fee \$110 (COS 10), \$150 (COS 20), \$300 (COS 20, 10cr), \$150 (COS 30), \$300 (COS 30, 10cr)



Interested in the beauty industry? Like to do hair, nails and makeup? Learn how to enhance your own appearance and learn what the beauty industry has to offer! Using a hands-on approach, activities may include: conditioning treatments, skincare, waxing, makeup, brows, manicuring, haircutting, coloring, balayaging, curling, blow drying and more! With top-notch training, students will learn about the hottest hair products and how to use them, so that they can achieve the looks that are in style today. This class is intended for students that want to have fun exploring the endless possibilities of beauty! Cosmetology combines the practical application

of theory with artistic and creative skills. Cosmetology can be taken for enjoyment or to explore fulfilling career opportunities within this highly diverse industry.

## Culinary Arts 10, 20, 30 (5 credits)

Estimated course fee \$100 (CA 10), \$125 (CA 20), \$250 (CA 20, 10cr), \$150 (CA 30), \$300 (CA 30, 10cr)

Learn in an industrial kitchen operated by a Chef-Teacher. Expand your creativity by producing snacks, meals and desserts for large numbers, with the focus on gaining a solid foundation of the basic skills needed for cooking, whether it be for yourself, entertaining or potentially working in a restaurant. Possible career paths could include cook, food service management, caterer and chef. Food is made daily for Bev Facey students and staff, catering banquets and hot lunches for the community, as well as personal projects. Practical hands-on cooking is the focus, as well as understanding safety and sanitation, knowledge of recipes and equipment. Successfully completing all the Culinary Foods courses allows students the ability to challenge the First Year Apprenticeship Exam in Cooking if desired.



Our students have the opportunity to be active in the Skills Canada building trades competitions and regularly win Provincial and National medals at these events.

# Career and Technology Studies

## Digital Media and Design 10, 20, 30 (5 credits)

Estimated course fee \$40

Digital Media and Design is an amazing combination of art and technology. Students can choose from a variety of occupational pathways including digital art, animation, video production, streaming/broadcasting, game design, and more. While creating personal projects, students will explore a dynamic range of professional machines, software, generative AI, and design concepts. Tools that students can access include poster printers, laser engravers, vinyl cutters for t-shirt and sticker creation, 3D printers, Adobe Creative Cloud, drawing tablets, DSLR cameras, and production studios. Students taking these courses will also have opportunities to livestream sports and esports games and other school events, and create promotional materials for schools and other organizations.



## Fabrication Studies (Welding) 10, 20, 30 (5 credits)

Estimated course fee \$140

Want to gain skills to help you enter a career that is in high demand with the potential to earn above average wages? In Fabrication class, students can learn to weld steel together to build long lasting, durable items. In the past, students have built step stools, tables, rocket stoves, lock boxes, and grind rails. Instruction is provided by a Journeyman Welder, at a facility which is CWB Accredited. This means that students who pursue welding in our shop may take the CWB 'S' test and gain an adult, industry certification to help you get hired once you leave. Our fabrication students are also active in the Skills Canada competition (and other local welding competitions) frequently competing at a provincial level. Come join us and learn how to work with metal!



# Career and Technology Studies

## **Foods 10, 20, 30 (5 credits)**

Estimated course fee \$100 (Foods 10), \$108 (Foods 20), \$115 (Foods 30)



Want to learn to cook meals that will impress family and friends? Learning to cook will enrich students' personal lives, may lead to career paths in foods and nutrition or just make them better cooks. Students who have never cooked before or who love to cook will benefit from this fun and informative course! Students will learn about food and cooking techniques from a personal, hands on approach, in a kitchen group setting, which is a great way to make new friends. Students will develop an understanding and the skills for cooking vegetables, fruits, grain products, meats and a variety of baking techniques. Plan, present and eat delicious food!

## **Horticulture 10, 20, 30 (5 credits)**

Estimated course fee \$46

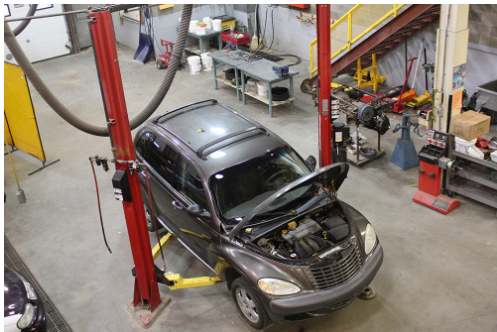
Enjoy being surrounded by sunshine and plants all year long? Learn how to grow vegetables and ornamentals outside in the Facey garden as well as in our greenhouse. In Feb 2020 a hydroponic vegetable system was added giving us the ability to grow organic vegetables year-round. Students will also learn basic landscaping skills, plant selection for our climatic zone and how to care for different types of plants common in Alberta yards and gardens. Students will have the opportunity to try their hand at container planting and floral design with cut flowers. During the retail sales they will gain valuable customer service and marketing skills that can be useful in obtaining part time work outside school. Come grow with us!



## **Mechanics 10, 20, 30 (5 credits)**

Estimated course fee \$140 (MEC 10, 20, 30) - Includes shop coveralls

Mechanics is designed to provide students with an opportunity to develop safe work habits and the basic skills needed to work in an automotive service shop. Whether you are planning a career in the industry or simply want to be an informed owner, Mechanics is an excellent opportunity for all students.



In Mechanics 10, students are introduced to general construction, operation, maintenance and repair of various vehicles. As well, students will learn how to safeguard themselves when buying, selling or servicing a vehicle. In Mechanics 20/30 students will use customer service to learn and gain experience working on various vehicles as they complete simple to complex repairs and diagnostics on modern vehicles. Students taking this course will have a great start into the mechanics trade or other technical programs.

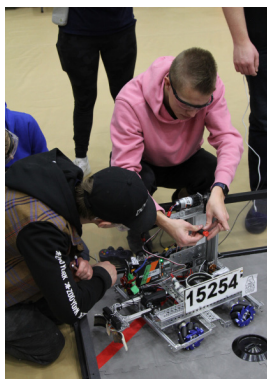


# Career and Technology Studies

## Photography 10, 20, 30 (5 credits)

Estimated course fee \$70

Enjoy taking photos? Want to learn more about this unique medium? Learn about the basic elements and principles of design and composition relating to photography as an art form through class instruction, field trips (Mountain photography!), and guest photographers. Along with composition, students learn the ins and outs of the DSLR camera supplied by the department, and learn how to take it off of auto mode for all sorts of effects. Students also look at using the power of Photoshop to learn the power of post-production editing to take their photographs from good to great!



## Robotics 10, 20, 30 (5 credits)

Estimated course fee \$60

In these courses students will have opportunities to design, build, and program robots, automation tools, and internet of things devices. Many different platforms will be available for students to have hands-on experiences. These courses will include electronics, sensors, control systems, machine learning, artificial intelligence, and various programming environments. At each level students are encouraged to design and create projects of their own choosing. Students taking these courses will be prime candidates for Facey's FIRST® Tech Challenge teams.

## Creative Music

### Audio 15, 25, 35 (5 credits)

Estimated course fee \$45

In Audio, students will hone their skills as music producers to create modern music using the latest techniques. Students will learn the ins and outs of digital recording, electronic music production and DJ-ing. Students will have access to our state-of-the-art recording studio equipped with new iMac computers, KRK studio monitors and industry standard microphones. Audio students will also have exclusive access to our Behringer X32 soundboard - a large, powerful soundboard used by audio professionals in music arenas and concert halls across North America. Audio engineers are involved in many creative projects throughout the year such as creating film and game soundtracks, programming beats, mixing live bands, DJ-ing school events, recording live music and remixing popular songs. Audio Engineering and Production gives students cutting-edge knowledge and creative freedom to make music for the twenty-first century.



# Creative Music

## General Music 10, 20, 30 (5 credits)

Estimated course fee \$120

For students who want to create without borders, General Music class allows students of all levels to learn how to write songs so people will listen. Students entering the General Music program are eager to develop their identity as songwriters through practice on an instrument, writing captivating lyrics and collaborating with other musicians. We strive to teach students the fundamentals of effective songwriting through lessons on chord theory, song structure and storytelling. Students will meet other musicians and form groups to perform original material. As a class, we listen to and analyze our favourite music while writing and professionally recording our own mesmerizing songs. Many students have gone on to write, perform and record music professionally and have been launched into the Canadian music scene.



# Instrumental Music

## Instrumental Music 10, 20, 30 (Concert Band) (5 credits)

Extended day timetable course – Full year (Day A 7:30-8:20 am)

Prerequisite: Band 9 or audition process

Estimated course fee \$155

Students are involved as creators, performers, historians, critics and consumers. Students come together in a band community to perform wonderful pieces written by the masters. Throughout the grades, students will build upon previous skills that serve to create a well-rounded musician and explore a variety of musical styles. Students will learn to appreciate, understand and criticize with discrimination the products of vocal and instrumental music. Units of study will involve ear training, theory, music history, rhythm and skill development. This is a performance-based course and students will perform throughout the year and at various music festivals/tours.



## AP Music Theory

In this course you will learn to recognize, understand and describe the basic fundamentals, materials and processes of music. You will develop skills by listening to, reading, writing and performing a wide variety of music.

**This AP course is offered in conjunction with Instrumental Music 10, 20 and 30 and General Music 10, 20 and 30 and culminates at the 30 level with an AP Music Theory exam.**

# Performing Arts

## Advanced Acting 15, 25, 35

Estimated course Fee \$65

Love acting and performing? Just can't get enough theatre?

Advanced Acting is the perfect course! Students in this course enhance their skills in set design and technical theatre, as well as, performing and expanding their knowledge of classical and contemporary theatre. This course will culminate in performing in a major production! This class is available to students who have completed Drama 10/20/30 or Musical Theatre 15/25/35 and wish to perform in another production.



## Drama 10, 20, 30 (5 credits)

Estimated course fee \$65

"The best part of Drama is not the lead role. It is coming into a class full of students and leaving the class with friends and great memories. This course truly shaped who I am."



The Bev Facey Theatre Program is recognized throughout Alberta for its high-quality productions and professional atmosphere. Meet new people and develop lasting friendships, sharpen your acting skills and delve into the world of performance. Students will gain valuable experience in movement, speech, improvisation and theatre sports. Finally, they will put their skills to the test when they rehearse and put on a public performance. Every class does a major performance from touring shows to full plays. This course culminates in the show being performed to sold out audiences!

## Musical Theatre 15, 25, 35 (5 credits)

Estimated course fee \$85 Estimated field trip fee \$50

"Consider yourself at home, consider yourself part of the family. We've taken to you so strong, it's clear, we're going to get along." - Oliver

Bev Facey is proud to have one of the largest and most successful Musical Theatre programs in Alberta. Students will have the opportunity to work with some of the best instructors, directors, choreographers and musicians that Edmonton has to offer. They will study vocal production, acting and dance all while working on a full-length big budget musical which culminates in a monster musical production at Festival Place, accompanied by a live professional band. Whether students are brand new to singing and dancing or are theatre veterans, this is the perfect program!



## Technical Theatre 15, 25, 35 (5 credits)

Extended day timetable course which takes place outside of the regular schedule

Estimated course fee \$32

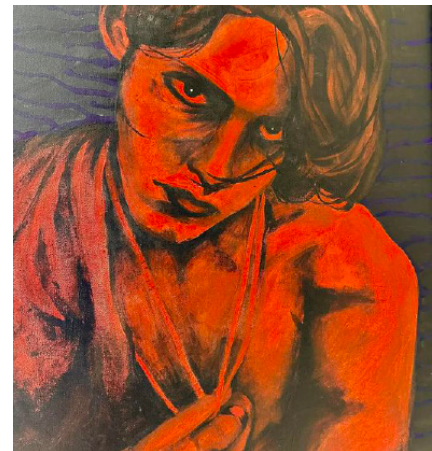
"We are the invisible magicians that make the magic happen. Watching your vision come to life is truly the best moment of my high school career." Ever wonder what happens behind the scenes of a play or musical? Learn skills in areas such as lighting, audio, carpentry and set building, paint, props, costume, make-up, front of house and stage management. Work behind the scenes on the productions of our Drama and Musical Theatre shows.

# Visual Arts

## Art 10, 20, 30 (5 credits)

Estimated course fee \$65 (Art 10), \$70 (Art 20), \$90 (Art 30)

Bev Facey Art is an exciting and dynamic program. Students are given opportunities to develop their creative potential through drawing, painting, printmaking, photography and sculpture. As a practicing artist, the teacher believes strongly in giving students' artwork exposure through various galleries and other spaces around Sherwood Park. No previous art experience is required. All that is required is a love for the creative and a willingness to learn!



# Other Elective Courses

## Aboriginal Studies 10, 20, 30 (5 credits)

The fundamental goal of Aboriginal Studies is to provide students an opportunity to understand and appreciate Indigenous peoples. Through the course, students explore the rich cultural heritage, issues and challenges Indigenous people face and contributions made to society by Indigenous cultures. Aboriginal Studies 30 is also a course that may be used for acceptance into many post-secondary programs.



# Other Elective Courses

## Personal/General Psychology 20 (3 credits each)

*These courses are taught together in a single block of time.* Psychology includes the study of personality, behavior, intelligence, heredity and environment in relation to the individual's learning process and the effect of biology on human behaviour, abnormal psychology and the challenges of mental illness. In addition, there will be an emphasis on inquiry-based learning, analysis and research in the areas of thinking processes, adolescent behaviour and conflict resolution.

## Career Pathways

Students gain practical workplace experience related to life skills and career opportunities in off-campus education learning experiences. Off-campus education provides opportunities for:

- Community partnerships, job shadowing, mentorships and work study.
- Off-campus initiatives to support the achievement of outcomes in provincial programs of study.
- Issuing senior high school credits for workplace learning that is approved by the school and by the employer.

Please note that credits vary for each course. The EIPS Off-Campus Education Coordinator can go over the credits awarded in each upon considering enrollment in the course.

## Green Certificate Program

Prerequisite: Successful completion of AGR3000

The Green Certificate Program is administered by Alberta Agriculture, Food and Rural Development. The program is delivered off campus and students may earn credits for successfully completing a Green Certificate Program by enrolling in any of the nine available Green Certificate Specializations:

- Cow-Calf Beef Production
- Dairy Production
- Equine Production
- Feedlot Beef Production
- Field Crop Production
- Irrigated Field Crop Production
- Sheep Production
- Swine Production
- Beekeeping Production

Each specialization has three levels of study with specific knowledge and proficiency standards (X, Y, Z). Green Certificate courses are not sequential and may be studied and tested in any order. All credits earned in Green Certificate courses count toward Grade 12 graduation requirements.

# Career Education

## Work Experience Program 15, 25, 35

Prerequisite: Successful completion of Workplace Safety Systems (HCS3000)

Work Experience 15-25-35 Bev Facey offers a Work Experience program that enables students 15 years or older to become involved in a new learning experience. After completing the pre-requisite safety and workplace training, students can use a paid or volunteer position to explore a future career and receive practical on-the-job training; all while earning high school credits. Students who are employed by an approved worksite may earn between 3 and 15 credits towards their high school diploma.

## Registered Apprenticeship Program (RAP)

Prerequisite: Successful completion of Workplace Safety Systems (HCS3000) and Workplace Safety Practices (HCS3010).

The RAP program provides students with the opportunity to spend part of their school year completing high school diploma requirements and part of their year working as a registered apprentice in one of Alberta's 52 registered trades. After successfully completing related safety training and course work, students begin employment at an approved worksite, learning on the job and acquiring hours toward their journeyman's status. Students will also receive a wage from their employer. Students must complete grade 10 before starting a RAP placement but they can begin to apply for RAP in the second semester of grade 10. Students should have an interest in working with their hands and a willingness to learn new skills. It is possible to earn up to 40 credits with 25 credits going towards your high school diploma. Once completed you may qualify for a government RAP scholarship.

When apprentices successfully complete their apprenticeship program, they receive an Alberta Journeyman Certificate in their trade. This certificate is proof that the apprentice meets Alberta's high industry standards and is fully qualified to work in their chosen trade. In Grade 12, RAP apprentices can apply for scholarships, including the Alexander Rutherford Scholarship and a \$1,000 or \$2,000 RAP Scholarship.



# Student Leadership

## Facey Leadership Initiative (FLI)

Extended day timetable course – Full year (Wednesday 7:15 am)

The Leadership Program (Facey Leadership Initiative) at Bev Facey Community High School is an inclusive program that has a high degree of personalization. The leadership program encourages students to practice mentoring and service leadership through individual, paired/partnered and larger group learning opportunities. Students are encouraged to learn about and develop their own leadership skills and to take risks to grow in positive and productive ways. Students actively develop their own leadership strengths and develop projects to foster leadership within the school context, the local community and on a global perspective. Students completing FLI will have enhanced teamwork, communication, conflict resolution and project management skills. They will also engage in character development through team building, volunteerism, self-reflection and peer leadership opportunities. We hope that every student who comes through the program leaves with enhanced skill in working with others.

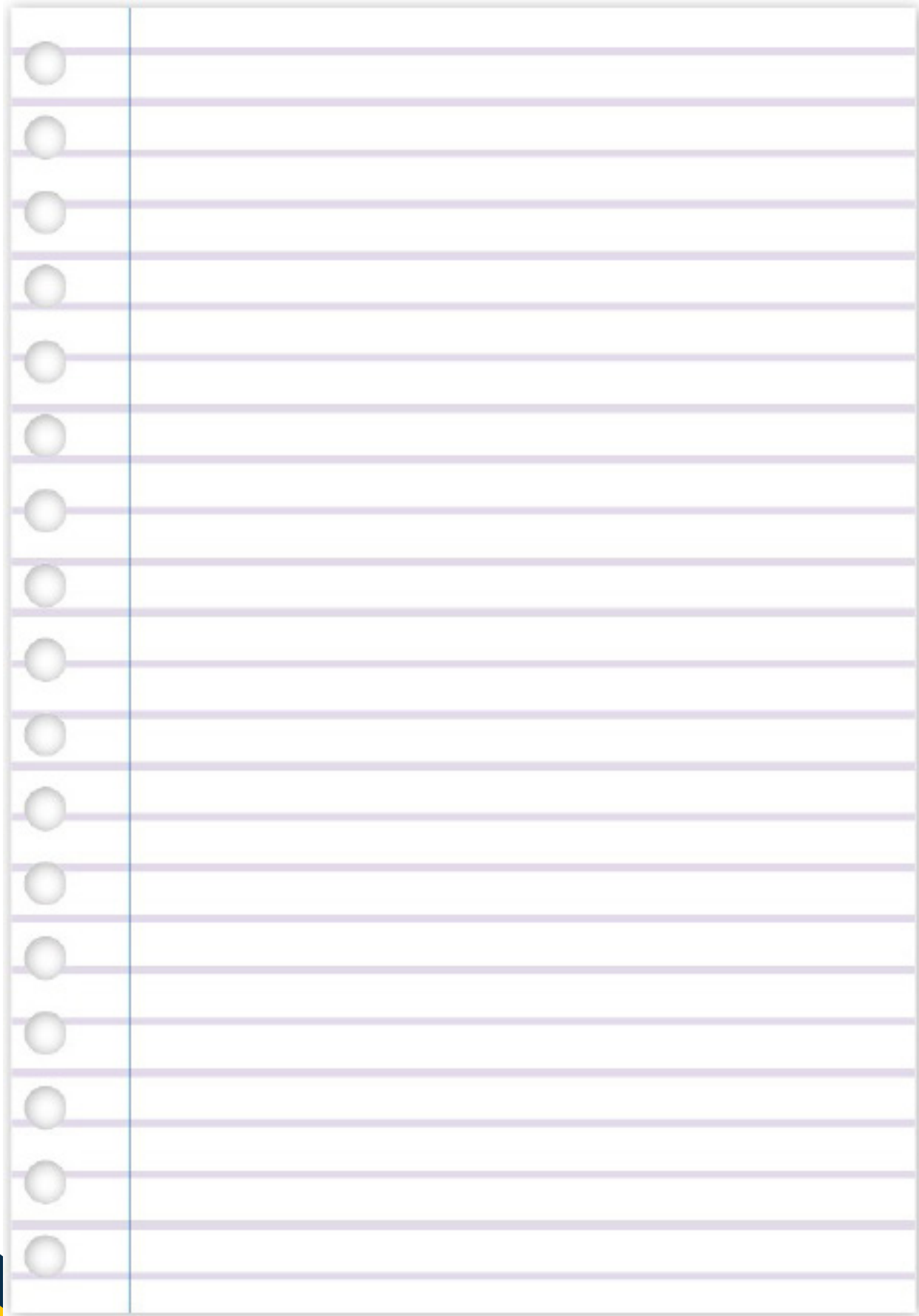
## Bev Facey is PROUD to be a Skills Canada School

Skills Canada promotes excellence in trades and technology careers through skills competitions, hands-on programs for students and resources for educators. At Bev Facey High School we strive to set students up for success in the trades and technologies industries. Our goals are:

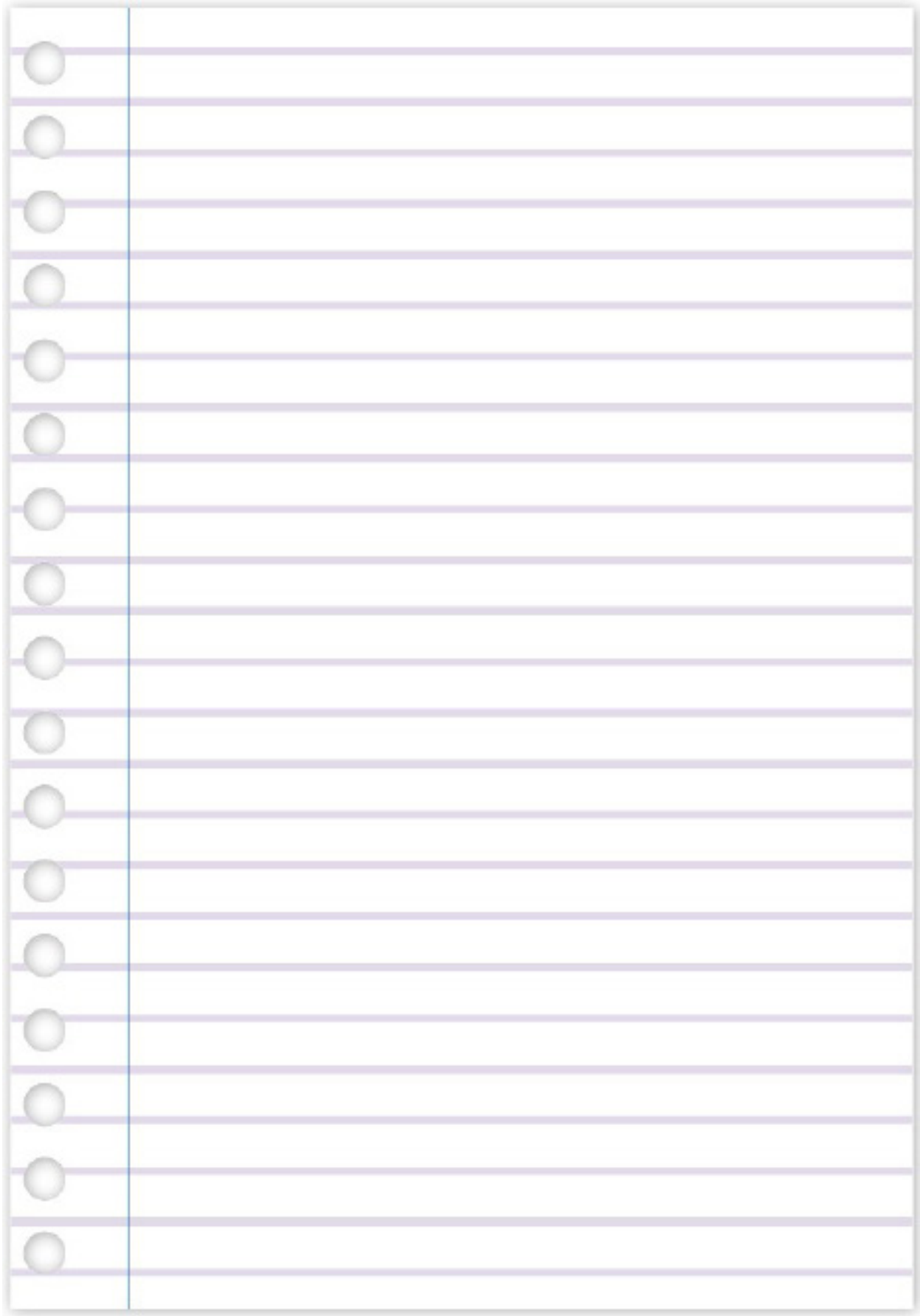
- To promote the career path opportunities within trades and technologies.
- To enhance the quality of technological education.
- To encourage students to recognize the value of completing secondary and post-secondary education for personal development and future employability.


















Skills Canada promotes excellence in trades and technology careers through skills competitions, hands-on programs for students and resources for educators.









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