

FOREST LAWN HIGH SCHOOL

2025-2026 Complementary Registration Guide



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Complementary Courses

All Complementary Courses at FLHS will be offered based on student interest, enrolment, and school resources.

Aboriginal Studies 10 (SSN11545), 20 (SSN21545), 30 (SSN31545)

5 credits

The [Aboriginal Studies](#) course is open to all students who are interested in learning about Indigenous cultures, communities, and histories, as well as participating in community building and leadership activities that support Truth and Reconciliation within our school community.

Aboriginal Studies 10: The focus of Aboriginal Studies 10 is to engage students in learning about Indigenous worldviews, oral traditions, values, protocols, traditional governance and languages.

Prerequisite: none

Aboriginal Studies 20: The focus of Aboriginal Studies 20 is to look at the effects of government policies, legislation, conflict and cultural change on Indigenous cultures in Canada. Four main themes will be examined: the Métis conflict and cultural change, treaties and cultural change, legislation, policies and cultural change, and schooling.

Prerequisite: *Aboriginal Studies 10*

Aboriginal Studies 30: The focus of Aboriginal Studies 30 builds upon foundational understandings to explore Indigenous peoples' inherent right to self-government and self-determination. Exploring the impact of colonialism on Indigenous communities and conceptions of leadership, students will uncover parallels in understanding common issues experienced by Indigenous peoples around the world.

Prerequisite: *Aboriginal Studies 30*

Creative Writing 15 (LDC12695), 25 (LDC22693), 35 (LDC22695)

5 credits each

Through participating in the actual publication process, students will use relevant technologies to create their own texts and follow those texts through the editing, publishing and marketing processes. In liaising with professional writing organizations, submitting to established publications and creating their own publication, students comprehend and manage the processes and conventions of publishing and marketing creative writing. Because the general outcomes of the course span grades ten through twelve, Creative Writing and Publishing can be offered as a blended course when enrolment is insufficient to offer separate classes at each grade level. Within the specific outcomes, there is an increasing sophistication in the understanding of concepts and application of strategies and skills.

Prerequisites: None for Creative Writing 15; CW 15 required for CW 25; CW 25 required for CW 35

Indigenous Learning Lodge Program

Indigenous Youth Leadership 15 (LDC15095), 25 (LDC25095), 35 (LDC35095)

3/5 credits

Forest Lawn's Indigenous Youth Leadership program is for Self-identified First Nation, Metis and Inuit students to connect with culture, community and gain a deeper understanding of themselves and their gifts and provides opportunities for students to demonstrate transformative leadership within our community. This class takes place in the Indigenous Learning Lodge and is co-facilitated by Youth workers, Elders and Knowledge Keepers from our local Indigenous Youth Agencies; The Aboriginal Friendship Centre, USAY, Awo Taan Healing Lodge and Miskanawah. All of our field trips and community activities are done in partnership with the Indigenous Youth Leadership program at Jack James.

Course content centers Indigenous culture and delivered in a hands-on and collaborative way
Students will engage in:

- Daily Smudge, Sharing Circle and Reflection/Discussions
- Teambuilding games and activities
- Land-based learning Field Trips off campus

- Cultural learning and teachings
- Peer mentorship, Goal Setting and Volunteer opportunities

Prerequisite LC&SR 15 none; LC&SR requires LS 15; LC&SR requires LS25

Lodge Keeper - Work Experience 15/25/35 (WKExpX0XX)

up to 30 credits

This program is open to Self-identified First Nation, Metis and Inuit students who are seeking an opportunity to gain hands-on work experience, enhance their communication, organization and leadership skills by serving their community. This role includes caring for the Lodge, providing peer support/mentorship and helping to organize activities that promote Indigenous culture here at Forest Lawn High School. Application for this program is through an interview process with your Indigenous Student Grad Coach or Guidance Counsellor. The prerequisite course HCS 3000 (Workplace Safety Systems) must be completed before any credits will be awarded.

Prerequisite: HCS 3000

Leadership

The Leadership program encourages key elements of servant leadership through peer and mentorship learning opportunities. Students will be given opportunities and encouragement to develop their own leadership skills, take risks, and grow in positive/productive ways. Leadership 10, 20, and 30 are courses that will be of great interest for students who are passionate about making a difference within their leadership class, school and greater community.

Leadership 10 (LEADER10)

5 credits

This program is designed to allow students to develop their personal leadership style within the framework of a number of applicable CTS courses. This course is very much student driven; students will have the time and freedom to explore their interests and passions, and will choose an area of the school, the community, or the wider world in which to create lasting positive change. All students in the leadership program will be involved in putting on many key activities in the school. These include: lunchtime activities, pep rallies, staff and student recognition, service projects and other student-driven initiatives. This course will also explore different styles of leadership, and how famous leaders have modeled them.

Prerequisite: None

Leadership 20/30 (LEADER20/30)

5 credits each

The leadership 20/30 program is designed to provide students an opportunity to develop their personal leadership style within the framework of a number of applicable higher-level CTS courses. The program is largely student driven and rooted in experiential learning. Over the course of the year, students are presented with opportunities to develop their own leadership skills and build positive relationships with their local and global communities.

Prerequisite: Leadership 10 for Leadership 20, and Leadership 20 for Leadership 30

Psychology/Sociology

Psychology 20 (Psych20XX)

6 credits

Throughout Psychology 20, students gain a broad understanding of the many topics in psychology, including learning and thinking, conflicts and disorders, as well as career opportunities.

Prerequisite: None

Sociology/Psychology 30

Psychology 30 (Term 1):

3 credits

In this course, we will be looking at psychological research and experimentation. Additionally, we will work to understand research methods and what that means to the current field of psychological research. Students will design, collect and organize data and interpret their findings in an individual research project.

Sociology 30 (Term 2):

3 credits

In this course, we will be looking at some of the basic foundations in the field of sociological study. This course centers on four themes, which include: sociology as a field of research, crime and delinquency, individual socialization, and theories of social revolution.

Prerequisite: none

Second Languages

Any student with prior French experience will need to meet with the Language teacher to get a recommendation for placement.

French 30 Challenge: Offered for students from French Immersion or Francophone backgrounds who speak fluent French. This is not a course, but a challenge exam designed to prove students can complete all outcomes from the French 30 curriculum; this includes reading, writing, speaking, and listening. If students are successful, they will earn **15 credits**.

French

French 10-3Y (FSL1093)

5 credits

This entry-level course provides a practical learning experience using a theme-based approach. Students do **not** need previous language experience.

Prerequisite: None

French 20-3Y (FSL2093)

5 credits

Students who have successfully completed up to grade 9 French are recommended to register for the French 20 Level.

Prerequisite: French 10 or Grade 9 French

French 30-3Y (FSL3093)

5 credits

Students who have successfully completed an immersion program are recommended to register for the French 30 Level or discuss a challenge with the teacher.

Prerequisite: French 20

Fine Arts Programs

Studying Fine Arts helps develop the interests and talents that shape who we are as individuals. In addition, participation in the arts can develop employability skills such as improvisation, commitment, organization and problem solving. Enhance your experience in high school by adding some Fine Arts courses and accessing our beautiful Fine Arts spaces.

Art (Visual)

Art 10 (FNA14005)

5 credits

Art 10 students will develop their techniques, skills, and understanding in the fundamentals of Art. This class is welcoming to students of all skill levels and abilities as it explores the concepts of composition and design in art. Throughout the semester students will be challenged to take risks and engage their problem solving abilities as they create works of art in a variety of mediums. Students learn to express themselves visually through drawing realism using pencils, painting different subject matters using acrylic paints and watercolors, and a variety of other various projects

Prerequisite: None

Art 11 (FNA14055)**5 credits**

Step into the world of functional art in Art 11, where history meets hands-on creativity. This course invites you to play with materials like stained glass and textiles to craft sculptures and make prints that are not just art, but also functional pieces of your daily life. Perfect for all skill levels, this class offers a tactile exploration of how art has shaped our world, from ancient times to today. Come create, learn, and appreciate art in a way that's both fun and enlightening.

Prerequisite: None

Art 20 (FNA24005)**5 credits**

Art 20 students will continue to develop and refine techniques and explore a personal selection of expressions. They will use the vocabulary of art criticism to interpret and evaluate both their own work and the works of others. Students will recognize that while some sources of images are universal, the formation of an image is influenced by the artist's choice of medium, historical setting, and the culture.

Prerequisite: Art 10

Art 21 (FNA24055)**5 credits**

Art 21 is a continuation of Art 11, where the student develops a deeper understanding and a strong sense of craftsmanship. Building on the fundamentals learned in Art 11, students will take on more complex projects in the materials learned previously. They will have control of their creative process from concept, to planning, to execution. This course is a hands-on learning experience of creating artifacts with materials such as wood, textiles, wire, and glass.

Prerequisite: Art 11

Art 30 (FNA34005)**5 credits**

Art 30 students will develop a personal style through their own experiences and investigations as a source of image making. They will analyze the factors that generate a work of art or artistic movement and they will question sources of images that are relevant or significant to them in contemporary culture. Students should be highly motivated and self-disciplined. They will create a portfolio including individual and group projects. This portfolio can be used for entrance to post-secondary institutions.

Prerequisite: Art 20

Art 31 (FNA34055)**5 credits**

Continuing from Art 21, students will have gained the skills and understanding of concepts related to functional art. Students will continue to develop their personal style and challenge themselves by creating multiple pieces that are cohesive in theme. This course examines the impact of international influences and modern technology on modern art and, in turn, modern art's impact on society.

Prerequisite: Art 21

Ceramics Advanced 15 (LDC1059) • 25 (LDC2059) • 35 (LDC3059)**5 credits**

The aim of the Ceramics course is intended to provide students with opportunities to develop knowledge, skills and abilities in the expression of thoughts, ideas and feeling through ceramics/clay. This course provides students with opportunities to develop an awareness and appreciation of the art of ceramics. Students will use a variety of techniques to resolve design challenges in 2-dimensional and 3-dimensional sculptures. Students will learn the operation maintenance of a ceramics studio. In this course students will learn to manipulate clay in a variety of ways including hand building and wheel throwing.

Prerequisites: None for 15; Ceramics 15 required for 25; Ceramics 25 required for 35

Dance

*Please note that the Ballet and Contemporary classes are combined, and students will receive 10 credits for participating.

Dance 15 (LDC14135)**5 credits**

No dance experience is required for Dance 15 - beginners are welcome! The dance program is designed to provide students with an opportunity to discover various forms of dance and to develop an appreciation for dance as an ongoing life experience.

Prerequisite: None

Dance 25 (LDC24135) 5 credits

Since dance is developmental, all areas of study will be included in each grade; however, the level of knowledge, skill, and attitude expected are greater in each area for each consecutive year.

Prerequisite: *Dance 15*

Dance 35 (LDC34135) 5 credits

Disciplines: Ballet; Contemporary Hip Hop; Modern Dance; Integrated Dance Perspectives; Creative Dance; Jazz Dance; Performance; Ethno-cultural Dance; Anatomy; Safety; Choreography; Dance History

Prerequisite: *Dance 25*

Ballet 15 (LDC1412) 5 credits

Students will work on developing introductory ballet technique. Throughout the semester students will work on building a full-length contemporary ballet.

Prerequisite: *Dance 15*

Ballet 25 (LDC2412) 5 credits

In this course students will work on intermediate ballet technique. Throughout the semester students will work on building a full-length contemporary ballet to present at the end of the semester.

Prerequisite: *Ballet 15*

Ballet 35 (LDC3412) 5 credits

In this course students will work on advanced ballet technique. Throughout the semester students will work on building a full-length contemporary ballet to present at the end of the semester.

Prerequisite: *Ballet 25*

Contemporary Dance 25 (LDC2467) 5 credits

In this course students will study contemporary and modern dance techniques through warmups center work, choreography and dance history. Students will work towards creating a full-length contemporary ballet to present at the end of the semester.

Prerequisite: *Dance 15*

Contemporary Dance 35 (LDC3467) 5 credits

In this course students will study more advanced contemporary and modern dance techniques through warmups center work, choreography and dance history. Students will also work towards creating a full-length contemporary ballet to present at the end of the semester.

Prerequisite: *Contemporary Dance 25*

Dance Performance (LDC12995, LDC22995, LDC32995) 5 credits

A high school dance program for students who are passionate about dance. We offer high level training in Hip Hop, Jazz, Contemporary and Ballet. We have many performance opportunities including dance competitions, school shows and festivals. We work with dance companies such as illFX Education and East Side Dance Festival.

As a member of the Intensive Dance Development Program, you would take the following classes:

- Grade Ten: Dance 15, Ballet 15/Contemporary 25, Dance Performance 15
- Grade Eleven: Dance 25, Ballet 25/Contemporary 35, Dance Performance 25, Calm outside of the timetable (online)
- Grade Twelve: Dance 35, Ballet 35, Dance Performance 35, Leadership Development in the Arts 35 outside of the timetable (online)

Prerequisite: *Audition only*

Music

Students are required to either supply their own instrument or rent an instrument from the CBE. The students are required to purchase a concert uniform consisting of a pair of black pants, black shoes and a shirt that will be ordered by the music department. Students may be given the opportunity for **optional travel** at additional costs.

Instrumental Music 10 - Band (FNA14255 & LDC14395) 10 credits

This is the course series for Instrumental Music. This class meets both during the regular timetable, and in J Block at the beginning of the day on Tuesdays and Thursdays. Students are required to either rent an instrument from the CBE or supply their own. Students must also supply their own black pants, socks, shoes, and purchase a uniform shirt for performances. Concerts, workshops, local field trips and competitions are part of this course. Students may be given the opportunity for **optional travel** at additional costs.

The curriculum covers:

- Technique - scales, intervals, range
- Musicality - phrasing, articulation, dynamics, blend, balance, tempo
- Theory - understanding music through the ages
- Variety of Music - marches, overtures, suites, pop and folk music
- Composition - theory, melody, harmony, arranging
- Team Skills - stage development, attendance, attitude, organization
- Sight Reading and Ear Training

Prerequisite: *Successful completion of a Junior High Band Program. Students who do not meet this requirement may be considered if they possess equivalent experience. Please contact Ms. Berry with any questions.*

Co-requisite: *Band 15 (Concert Band), occurring in J Block on Tuesdays and Thursdays.*

Instrumental Music 20 (FNA24255A & LDC24395) 10 credits

This is a more in-depth study of instrumental music. See Instrumental Music 10 for more details. This course occurs in the regular timetable, and in J Block at the beginning of the school day on Mondays and Thursdays. A reduced program course may be available for students with scheduling difficulties.

Students discovering a potential scheduling conflict, please see Ms. Berry to arrange your schedule.

Prerequisite: *Instrumental Music 10*

Co-requisite: *Band 25 (Concert Band), occurring in J Block on Tuesdays and Thursdays.*

Instrumental Music 30 (FNA3425 & LDC34395) 10 credits

This is a more in-depth study of instrumental music. See Instrumental Music 10 for more details. This course occurs in the regular timetable, and in J Block at the beginning of the school day on Mondays and Thursdays. A reduced program course may be available for students with scheduling difficulties.

Students discovering a potential scheduling conflict, please see Ms. Berry to arrange your schedule.

Prerequisite: *Instrumental Music 20*

Co-requisite: *Band 35 (Concert Band), occurring in J Block on Tuesdays and Thursdays.*

Jazz Band 15 (LDC14315) 5 credits

The Jazz band meets **outside the regular timetable** during J Block on Monday mornings, and Wednesdays after school. This course focuses on Jazz, Rock, Swing, and Latin styles of music. Students must be involved in Concert Band 15/25/25 to be eligible. All interested band students are welcome to join this course. There is no audition process. Students are required to attend all rehearsals and performances.

Prerequisite: *Junior High Band*

Co-requisite: *Instrumental Music 10 and Concert Band 15*

Jazz Band 25 (LDC24315)

5 credits

This is a more in-depth study of jazz music. Please see Jazz Band 15 for more information.

Prerequisite: *Jazz Band 15*

Co-requisite: *Concert Band 25*

Jazz Band 35 (LDC34315)

5 credits

This is a more in-depth study of jazz music. Please see Jazz Band 15 for more information.

Prerequisite: *Jazz Band 25*

Co-requisite: *Concert Band 35*

Choral Music

Choral Music 10 (FNA14205 & LDC14145)

10 credits

This is the course series for Choral Music. This class meets both during the regular timetable, and in J Block at the beginning of the day on Wednesdays and Fridays. Students must supply their own black pants, socks, shoes, purchase a uniform shirt for performances. Concerts, workshops, local field trips and competitions are part of this course. Students may be given the opportunity for **optional travel** at additional costs.

The curriculum covers:

- Technique - scales, intervals, range
- Musicality - phrasing, articulation, dynamics, blend, balance, tempo
- Theory - understanding music through the ages
- Variety of Music
- Composition - theory, melody, harmony, arranging
- Team Skills - stage development, attendance, attitude, organization
- Sight Reading and Ear Training

Prerequisite: *None*

Co-requisite: *Choir 15, occurring in JBlock on Wednesdays and Fridays*

Choral Music 20 (FNA24205 & LDC24145)

10 credits

This is a more in-depth study of choral music. See Choral Music 10 for more details. This course occurs in the regular timetable, and in J Block at the beginning of the school day on Tuesdays and Fridays. A reduced program course may be available for students with scheduling difficulties. **Students discovering a potential scheduling conflict, please see Ms. Berry to arrange your schedule.**

Prerequisite: *Choir 15*

Co-requisite: *Choir 25*

Choral Music 30 (FNA3429 & LDC34145)

10 credits

This is a more in-depth study of choral music. See Choral Music 10 for more details. This course occurs in the regular timetable, and in J Block at the beginning of the school day on Tuesdays and Fridays. A reduced program course may be available for students with scheduling difficulties. **Students discovering a potential scheduling conflict, please see Ms. Berry to arrange your schedule.**

Prerequisite: *Choir 25*

Co-requisite: *Choir 35*

Drama

Drama 10 (FNA14105)

5 credits

Drama 10 provides an introduction to movement, voice, improvisation (planned and spontaneous), storytelling and characterization. Students will also learn about the basics of technical theatre and theatre history. The goals of the course are to increase self-confidence, to improve ability to work in a group effectively and to promote awareness of the student's creative abilities.

Prerequisite: *None*

Drama 20 (FNA24105)**5 credits**

Drama 20 units include script writing, acting based on a script, script analysis, improvisation, technical theatre, and theatre history. The goals are to build upon the skills learned in Drama 10 while maintaining a focus on working from text.

Prerequisite: *Drama 10*

Drama 30 (FNA34105)**5 credits**

The emphasis in Drama 30 is on production. This unit includes directing, scene-work, technical theatre, theatre history and auditioning. The students produce their own one-act play. Students are expected to be able to work together with minimal direction from the teacher.

Prerequisite: *Drama 20*

Work Experience and RAP

Work Experience 15 / 25 / 35 (WKExpX0XX)**up to 30 credits**

Work experience allows students to gain practical knowledge, enhance their skills, confirm career decisions, and form attitudes that will assist them in their transitions from school to the world of work. Students in grades 10, 11 and 12 can enroll. The prerequisite course HCS 3000 (Workplace Safety Systems) must be completed before any off-campus education credits will be awarded. Existing part-time jobs may be eligible as a work experience placement provided the student can demonstrate new learning is occurring.

Prerequisite: *HCS 3000*

Registered Apprenticeship Program (RAP)**up to 40 credits**

The Registered Apprenticeship Program is an excellent opportunity for students who know they want to enter a trade to “earn while you learn.” This program usually begins during the summer after grade ten. The student selects a trade and is placed into a 125-hour work experience (5 credits) which serves as a probationary period. Successful students are then indentured and can earn up to 40 Registered Apprentice credits toward graduation. The student’s timetable is adjusted to accommodate the RAP program. By graduation the student can have completed the hours needed for the first year of an apprenticeship and be ready to apply for the training weeks at a post-secondary institution.

Prerequisite: *HCS 3000*

CAREER & TECHNOLOGY STUDIES

Business, Administration, Finance, & IT (BIT)

IT Essentials

IT Essentials 10 (INF199XA)

5 credits

Do you want to understand why computers operate the way they do? When a computer breaks, are you the first person your friends or family turn to for help? Are you considering a career in the Information Technology field? If so, then IT Essentials is for you! Our world increasingly relies on computers and there is a great need for people with the necessary skills to program and operate computers. IT Essentials introduces key concepts of data communications and the underlying theory of information technologies. A hands-on, project-based course, IT Essentials gives students experience and knowledge in hardware assembly, software installation, computer operations, basic networking, and diagnostics.

Prerequisite: None

IT Essentials 20 (INF299XA)

5 credits

Building on previously attained knowledge, senior IT Essentials classes immerse students in hands-on tasks to further develop their skill set and knowledge. IT Essentials 20 focuses on networking; specifically how computers communicate and the technologies underpinning the internet.

Prerequisite: IT Essentials 10

IT Essentials 30 (INF399XA)

5 credits

Project-based and student-led, the topics this course focus on mastering skills for a career in IT support. Previous projects have focused on diagnostics, virtualization, malware, operating systems, software installation, and basic PC assembly/disassembly.

Prerequisite: IT Essentials 20

Health, Recreation & Human Services (HRH)

Community Care - Child

Fundamentals of child development (3 yrs. Childcare Worker Certification Level 1)

Community Care - Child 10-4 (KAE1589)

5 credits

This course is the pre-requisite for the Child Care 20 and 30 levels. Students explore human development from babies to the elderly. We look at various body systems and how an impairment can affect a person's development. This course has a variety of hands on learning opportunities and we build our communication and team work skills. **This course is offered at the Jack James Campus.**

Prerequisite: None

Community Care - Child 20-4 (KAE2589) 30-4 (KAE3589)

10 credits each

Students will complete their Child Development Assistant Certification issued by the Government of Alberta. The students work with the preschool program 4 mornings a week as a team and will have the opportunity to take on planning the activities for the children. This program can also be for students who want to work in humanity related careers, like teaching, nursing and social work. **These courses are offered at the Jack James Campus** and include a 5-credit workplace practicum.

Prerequisite: Child Care 10-4 and 20-4

Cosmetology

Cosmetology 10 Intro (COS10XX)

9 credits

The Cosmetology program is comprised of three levels: Introductory, Intermediate and Advanced. Students study a progression of courses, learning more in-depth concepts and skills as they move from Introductory to Advanced levels within the curriculum and apprenticeship guidelines. This Introductory level is offered as a 9-credit course focusing on hair basics; then branches out into two different pathways: Barbering or the full Apprenticeship program. Introductory Cosmetology emphasizes on the art

and science of hair, personal and professional image, as well as learning skills and techniques on long and short hair designs.

Prerequisite: *None*

Intermediate Cosmetology (COS10XXB)

9 credits

The Intermediate course is designed for those students interested in **Barbering** and/or students who want to acquire more technical skill in the hair industry. Students may continue into the Advanced Apprenticeship program upon completion of Intermediate Cosmetology. The focus for the modules will be on developing your skills from Introductory Cosmetology 10, working with new technologies, learning the fundamentals of hair cutting and barbering, including new styles and trends. Students will also be marked on their basic competence during laboratory work. This includes their work ethic, self-confidence, attendance and punctuality, professionalism, and sanitary practices.

Prerequisite: *Cosmetology 10*

Cosmetology 20 Inter Apprentice (COS20XX)

up to 23 credits total for 20/30

This pathway is designed for students looking to enter the hair industry, and gain the education needed to apprentice in a salon to obtain their Red Seal. Cosmetology 20 continues building on skills previously acquired; as well as preparing students for customer service and the industry. Students will learn about a career which allows them to be an integral part of the Beauty and Fashion industry. Students learn to design suitable hairstyles for clients and also learn the fundamentals in hair cutting, texturizing, public relations, sales, manicures and more.

Prerequisite: *Cosmetology 10*

Cosmetology 30 Adv Apprentice (COS30XX)

up to 23 credits total for 20/30

Practical skills in this program are obtained in two ways: within the school (client service) and the community (work experience/RAP). Practical work in a career setting allows the student to become aware of industry standards and employable skills both in and out of the classroom.

Prerequisite: *Cosmetology 20*

Alberta Apprenticeship Requirements for Cosmetology

The Cosmetology program is sequential, and certain prerequisites are required to advance to the next level. Cosmetology begins at the Introductory level, then branches out into either Barbering or Full Apprenticeship hairdressing program.

The apprenticeship program is an introductory nine-credit syllabus, designed to introduce the student to basic hair and skin care techniques. Intermediate Cosmetology focuses on Barbering and haircutting techniques. Cosmetology 20 expands on skills learned in the Introductory program in addition to learning basic hair cutting and colouring skills. These skills allow the student to provide basic services for clients in the customer services portion of the program. Cosmetology 30 is designed to prepare the students for employment in related careers; self-confidence, speed, accuracy, customer relations, and work ethics are emphasized.

Students can apply for apprenticeship in the hairdressing industry at any point while successfully completing the 42 mandatory credits (1400 hours) in Cosmetology. If this is your goal, the teachers will work with you to accomplish the required credits and hours.

The Cosmetology program is comprised of three main levels: Introductory, Intermediate and Advanced. Students study a progression of courses, learning more in-depth concepts and skills as they move from Introductory to Advanced levels within the curriculum guidelines.

Cosmetology 10-4 (KAE1581) 20-4 (KAE2581) 30-4 (KAE3581) 10 credits each

This program is designed to introduce students to future opportunities in Cosmetology through hands-on experiential learning. Cosmetology 10-4 students explore best-practice in the field of hair-dressing and aesthetics; including Workplace readiness that is 5-credits. Cosmetology 20-4 and 30-4 students specialize in hairstyling and salon industry best-practices through real world opportunities with community clients. Upon completion, students will be prepared for career or post-secondary opportunities in the cosmetology pathway. Cosmo 20-4 and 30-4 will include a 5-credit workplace practicum.

Prerequisites: *None for Cosmo 10-4; Cosmo 10-4 for 20-4; Cosmo 20-4 for 30-4*

Foods Culinary Arts (Cook Trade Apprenticeship)

Foods Culinary Arts 10 (FODC10)

5 credits

Students will learn commercial preparation and service of food by studying food basics, commercial kitchen equipment, nutrition, and sanitation. Students will rotate between hot foods, baking and cold food sections. The Culinary Arts Program introduces students to a wide variety of possible careers in the hospitality industry including Professional Chefs and Bakers, Restaurant Managers, Food Servers, Food Purchasers and Caterers.

Prerequisite: None

Foods Culinary Arts 20 Inter (FODC20) - First Year Apprenticeship

10 Credits

These courses expand on the knowledge and experience obtained during Culinary Arts 10. This program is intended to provide a specific CTS credential pathway related to the “Cook” apprenticeship with certain credit toward the Alberta Apprenticeship Program. **Students must be prepared to participate in lunch time food service**

Prerequisite: None

Foods Culinary Arts 30 Advanced (FODC30)

10 credits

Upon graduation from high school and with the support of an employer, a student may then enter into the post-secondary apprenticeship program as a first period apprentice with advanced standing. **Students must be prepared to participate in lunch time food service.**

Prerequisite: Culinary Arts 20

Foods 10-4 (KAE1585)

5 credits

Students will demonstrate safe workplace practices and procedures, basic knowledge of sanitation practices, and proper use of the tools, equipment and materials used in commercial food preparation. Students will identify nutritional practices for planning and preparing meals, baking, cooking meat and poultry, cold food preparation and fast food preparation. **Students must be prepared to participate in lunch time food service.**

Prerequisite: None

Commercial Cooking 20-4 (KAE2585) 30-4 (KAE3585)

5 credits each

Students will demonstrate safe workplace practices and procedures, basic knowledge of sanitation practices, and proper use of the tools, equipment and materials used in commercial food preparation. Students will identify nutritional practices for planning and preparing meals, baking, cooking meat and poultry, cold food preparation and fast food preparation. **Students must be prepared to participate in lunch time food service.**

Prerequisite: Foods 10-4 for CC20-4; CC20-4 for CC30-4

Foods Personal

Students must complete a minimum of 3 credits at the previous level, including Food Basics (FOD 1010) to continue onto the next level. Students can transfer from Foods 10 to Culinary Arts 20 and from Culinary Arts 10 to Foods 20.

Foods Personal 10 Intro (FODP10)

5 credits

In the Foods program, students will approach food topics with personal nutrition and home life, as a focus. Students will learn basic food safety, cooking terms and skills. There are many opportunities for students to choose their own recipes. The course is divided between cooking labs and theory assignments and designed around the student-centered process.

Prerequisite: None

Foods Personal 20 Inter (FODP20)

5 credits

Students will approach food topics with personal nutrition, and home life, diet, as a focus. The Foods program follows a three-year rotation of modules and continues to build on skills developed at the previous level. The course is divided between cooking labs and theory assignments and designed around the student-centered process.

Prerequisite: Food Studies 10

Foods Personal 30 Adv (FODP30)

5 credits

Students will approach food topics with personal nutrition, and home life, as a focus. The Foods program follows a three-year rotation of modules and continues to build on skills developed at the previous level. The course is divided between cooking labs and theory assignments and designed around the student-centered process.

Prerequisite: *Food Studies 20*

Foods Personal 30 Grad – multi-level (FODPX0XX)

6 credits

Foods Studies 30 Grad is offered as a 6-credit course and uses the student-centered process. This class deals with food preparation for the home and personal life. It is a collection of 6 1-credit modules at the 30 level. The Foods program is divided up between theory assignments and cooking labs.

Prerequisite: *None*

Legal Studies

Legal Studies 10 Intro (LGS10XX)

5 credits

Learn about workplace and consumer law, focus on basic rights and responsibilities and legal issues relating to personal relationships.

Prerequisite: *None*

Legal Studies 20 Inter (LGS20XX)

5 credits

Learn about family law, environmental law, employment law, aboriginal law, and Law and the Traveller.

Prerequisite: *None*

Legal Studies 30 Adv (LGS30XX)

5 credits

Learn about Property Law, Dispute resolution, negligence, small business law, controversy & change, landmark decisions, criminal law.

Prerequisite: *None*

Physical Education

Physical Education supports you in acquiring skills through a variety of developmentally appropriate movement activities. You will gain experience within various physical activities assisting you in further understanding health and wellness benefits, promoting positive interactions and leading an active lifestyle.

Physical Education 20 (RECM20XX)

5 credits

The PE 20 program shifts from traditional activities to a program centered on lifetime activities. Although some activities from the PE 10 program remain (individual, team, dance and fitness activities), the lifetime focus is comprised of activities that take place largely off the school campus. These include hiking, racquetball, golf, wall climbing, bowling, tennis, Zumba, canoeing, inline skating, wave pool/aquasize, batting cages and yoga. Students are required to complete **5 service hours** by the end of the course.

Prerequisite: *Physical Education 10*

Physical Education 30 (RECM30XX)

5 credits

Many of the same team and individual activities are offered on campus in this program. Students also participate in some of the same off-site activities as they did in PE 20. In addition, students will have an opportunity to explore some different lifetime activities like squash, kayaking, curling and camping. Students are required to complete **5 service hours** by the end of the course.

Prerequisite: *Physical Education 20*

Sports Medicine

This is an academic option and requires hard work and application of skills in order to be successful. Students who are interested in Sports Medicine should be looking at core Science courses in order to have the required academic abilities to complete this program.

Sports Medicine 10 Intro (RECM10XX)

5 credits

This CTS course of study includes an extensive introduction to anatomy (bones, muscles and joints) and their relation to athletic injuries. In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Lab sessions cover training-room operations, taping and wrapping, athletic injury assessment, use of heat and cold modalities, recordkeeping. Students are also required to commit to a minimum of 10 hours of training time with the Forest Lawn School Teams. This program is a great introduction to any health care related field that students may be interested in.

Prerequisite: None

Sports Medicine 20 Inter (RECM20XX)

5 credits

This CTS course includes the study of human physiology, athlete health and performance, and an introduction to injury rehabilitation. Recognition and treatment of injuries is the focus, by using student's background in anatomy, and progressive teaching of more advanced taping and wrapping skills. Skills in this course build on those attained in Sports Medicine 10. Students learn rehabilitation strategies, indications and contraindications of modalities, nutrition, advanced First Aid, and others. At this level the students must commit to a minimum of 25 hours of training with the teams, this is mandatory to be in the program. At this level students will have to be recommended by the teacher to enroll in this course.

Prerequisite: Sports Med 10

Sports Medicine 30 Adv (RECM30XX)

5 credits

This is a CTS course designed for anyone with an interest in advanced anatomy and physiology, or those students interested in pursuing Kinesiology, Physiotherapy, and other related medical fields. Grade 12 students will be the senior trainers for the school. This will require a commitment (minimum 65 hours) to train at least one team during their semesters of study. The students will only be in class two days per week in J Block before school. The students will be taking an Enhanced First Aid course in the J Block period.

Prerequisite: Sports Med 20

Sports Performance

With the increasing demands on sports today, this course will focus on the development of an individual's fitness as it relates to improving performance in sport. Topics of study include aerobic training, strength training, flexibility training, agility training, power training, speed training, nutrition, hydration and goal setting.

All levels of Sports Performance are extremely rigorous and physically demanding courses and should only be requested by students desiring high performance levels of physical fitness.

Sports Performance 10 Intro (RECP10XX)

5 credits

The purpose of the Sports Performance curriculum is to provide student athletes an opportunity to learn a wide variety of knowledge, skills, and attitudes that support the maximization of physical, social, cultural and emotional potential through sporting endeavors. Through a combination of theory and practical exposure to areas of sports science, students enrolled in the course will be introduced to the field of sports performance.

Prerequisite: None

Sports Performance 10 Intro Female Only (RECP10XX)

5 credits

The purpose of the Sports Performance curriculum is to provide student athletes an opportunity to learn a wide variety of knowledge, skills, and attitudes that support the maximization of physical, social, cultural and emotional potential through sporting endeavors. Through a combination of theory and practical exposure to areas of sports science, students enrolled in the course will be introduced to the field of sports performance. ***Prerequisite: None***

Sports Performance 20 Inter (RECP20XX) 5 credits

At the advanced levels, students learn the importance of proper training principles, sport psychology, goal setting, and tracking personal development. These courses continue to build on the material taught in previous courses and are a blend of theory and activity.

Prerequisite: Successful completion of Sports Performance 10 and Teacher recommendation required.

Sports Performance 30 Adv (RECP30XX) 5 credits

At the advanced levels, students learn the importance of proper training principles, sport psychology, goal setting, and tracking personal development. These courses continue to build on the material taught in previous courses and are a blend of theory and activity.

Prerequisite: Successful completion of Sports Performance 20 and Teacher recommendation required.

Yoga

Students will come to deepen their understanding of their body and mind through asana and yoga philosophy - beginners are welcome! Through holistic teachings, students will learn how to manage their stress and challenge their limits, both physically and psychologically. By experiencing these challenges, while learning in a supportive group setting, students will gain a deeper sense of identity, both as individuals and as active citizens of a broader world.

Yoga 15 (LDC14495)

Prerequisite: None

Yoga 25 (LDC24495)

Prerequisite: Yoga 15

Yoga 35 (LDC34495)

Prerequisite: Yoga 25

Media, Design, Communication & Esthetics (HRH) Animation and Graphic Design

Animation/Graphic Design 10 Intro (COMAGD10XX) 5 credits

Explore web design, computer graphics, animation, and video design, includes 3D printing and large print posters.

This course is offered at the Jack James Campus.

Prerequisite: None

Fashion Studies

Fashion Studies 10 Intro (FAS10XX) 5 credits

Fashion Studies 10 provides many opportunities for students to learn how to use the sewing machine and the serger. Students will sew basic projects such as skirts, pants or shirts. Creative work (fabric painting, machine and hand embroidery, refashioning, etc.) is emphasized throughout the course. This course can have a focus on regular garment sewing or on creating garments for a cosplay.

Prerequisite: None

Fashion Studies 20 Inter (FAS20XX)

5 credits

Students will learn how to apply an interfaced collar to a project. Students can also experiment with several design techniques by drafting patterns, designing with flat patterns and sketching fashion illustrations. This course can have a focus on regular garment sewing or on creating garments for a cosplay.

Prerequisite: *Fashion 10*

Fashion Studies 30 Adv (FAS30XX)

5 credits

Students can also sew advanced projects such as evening gowns, coats, jackets and/or lined tailored garments. They will develop a greater awareness of the role of the fashion industry and the world of designers. This course can have a focus on regular garment sewing or on creating garments for a cosplay.

Prerequisite: *Fashion 20*

Film and Media Art

Film and Media Art 15 (LDC10925)

5 credits

In Film Studies 15, you will view and respond to a variety of films with the aim to increase your knowledge and awareness of film, with a focus on film history, genre, and social implication. Film Studies 15 is comprised of five units meant to provide a comprehensive overview of the study of film as a whole. The units we will examine are: visual literacy, storytelling, genres, acting, and remakes.

Prerequisites: *None*

Film and Media Art 25 (LDC20925)

5 credits

In Film Studies 25, you will explore film from an artistic as well as a technological perspective. This course is designed to provide you with the ability to appreciate film at an intermediate level and to foster critical understanding.

Prerequisites: *Film Studies 15*

Film and Media Art 35 (LDC30925)

5 credits

This course is designed for students who have taken Film Studies 25. Film Studies 35 specifically focuses on 'Auteurs', directors who have strong signature styles in their approach to filmmaking. These styles may come out in visual composition, dialogue, themes, or narrative structure, and serve as unique 'fingerprints' that distinguish the work of a particular director from their peers. We will continue to work on being active viewers while viewing and responding to a variety of films with an aim to increase your knowledge and awareness of film.

Prerequisite: *Film Studies 25*

Photography

Photography 10 Intro (COMP10XX)

5 credits

This is an introductory course; no previous experience is needed. Photo 10/Intro introduces students to a variety of technological outlets for digital photography. Students will have the opportunity to learn the essential elements of photography, including camera use, exposure, composition, digital photo editing and digital art creation. Throughout the course, students are expected to go beyond simple "point and shoot" and will learn how to capture images and create art.

Prerequisite: *None*

Photography 20 Inter (COMP20XX)

5 credits

Project-based and student-driven, Photo 20/Inter provides opportunity for students to explore their own interests and build on skills developed in Photo 10/Intro. Reflecting on the artistic process and applying critical perspective students gain appreciation and understanding about the impact they can have on the world through digital arts. Students delve deeper into photography and digital imaging gaining skills and experience along the way.

Prerequisite: *Photography 10*

Photography 30 Adv (COMP30XX)

5 credits

Project-based and student-driven, Photo 30/Adv further builds upon skills and practices developed in Photo 20/Inter; offering greater student autonomy and opportunity to explore their own interests and passions. Reflecting on the artistic process and applying critical perspective students gain appreciation and understanding about the impact they can have on the world through digital arts.

Prerequisite: *Photography 20*

Technical Theatre / Performing Arts

Technical Theatre occurs in a hands-on learning environment that deals with all of the non-acting components of theatre. Do you have a genuine interest in lighting, sound, costumes, make-up, management, props, set design and construction? Students will provide technical support for Remembrance Day Services, Dance Shows, Musical Theatre and Drama Main Stage Productions, as well as through other opportunities as they present themselves. Students who take this course need to be able to work with their hands and have a real desire to learn on the job. This course may be offered outside of the timetable, and you will facilitate the running of various shows in and around the school.

Technical Theatre 15 / 25 / 35 (LDC19873/29873/39873)

5 credits at each level

This is a full year course offered outside of the regular timetable. This course provides an overview of design and operational aspects relating to technical theatre. Students specialize in different areas depending on their interests and the school's needs. Students will work in two to three different areas for each level of the course. Technical Theatre students provide support to productions and events occurring in the theatre.

Natural Resources (NAT)

Agriculture / Horticulture

Landscape design and construction & Greenhouse production.

Agriculture/Horticulture 10 (AGRH10XX)

5-10 credits

In the Agriculture / Horticulture 10 program offered at both CTS and K&E level, students learn about botany the parts and functions of plants, plant care from seeds or propagated cuttings to harvest, managing plant growth, greenhouse operation, gardening, landscaping, teamwork, careers, as well as other agriculture related concepts. Students learn some basic flower arranging skills creating new seasonal arrangements, as well as designing and building planter boxes.

This course is offered at the Jack James Campus.

Prerequisite: None

Agriculture / Horticulture 20 (AGRH20X)

10 credits

In the Agriculture / Horticulture 20 program offered at both CTS and K&E level, students will apply knowledge learned in previous modules to the growing and maintenance of a greenhouse crop. Students will identify and describe plants that are grown in Alberta climates, growth requirements, managing pests and identifying common problems that arise in greenhouse crops. Advanced floral and landscape design install and maintenance, specialty greenhouse crops, agriculture field crops and the careers available to those interested in this area will also be covered.

This course is offered at the Jack James Campus.

Prerequisite: Agriculture \ Horticulture 10

Agriculture / Horticulture 30 (AGRH30XX)

10 credits

In the Agriculture / Horticulture Construction 30 program offered at both CTS and K&E level, students will continue to apply the knowledge learned in previous modules. They will extend their techniques in developing field crops by looking deeper at biogenetics and technology available. Plant identification, maintenance, floral design for specific occasions and marketing techniques will also be covered. Throughout the course, students will be also exposed to careers that encompass the Horticulture field.

This course is offered at the Jack James Campus.

Prerequisite: Agriculture / Horticulture 20

Outdoor Pursuits

Outdoor Pursuits Intro (WLDO10XX)

5 - 1 credit modules

Outdoor Pursuits 10 (Intro) five 1 credit courses Outdoor Pursuits 10 fosters an understanding and appreciation of the environment around us. Students will be exposed to opportunities and experiences to create a lifelong love of outdoor recreation while possessing the knowledge and skills required to safely participate in the outdoors. Students will also examine how to be outdoor enthusiasts while developing an understanding of how to protect our environment. Students will be expected to take part in two mandatory days and one overnight off-campus trip to enhance learning and to complete some modules. The course fee does not include the cost of field trips. Depending on travel locations, field trip fees will be assessed at the time of the course.

Prerequisite: None

Outdoor Pursuits Inter (WLDO20XX)

5 - 1 credit modules

Outdoor Pursuits classes foster an understanding and appreciation of the environment around us. Students will be exposed to opportunities and experiences to create a life-long love of outdoor recreation while possessing the knowledge and skills required to safely participate in the outdoors. Students will also examine how to be outdoor enthusiasts while developing an understanding of how to protect our environment. In order to build on skills learned in Outdoor Pursuits 10, there will be mandatory single day and multi-day off-campus trips to enhance learning that students will be expected to participate in.

Students are expected to stay on top of their studies in their other classes to participate in these trips, as they are required to complete outcomes in certain modules. The course fee does not include the cost of field trips. Depending on travel locations, field trip fees will be assessed at the time of the course.

Prerequisite: Outdoor Pursuits Intro

Outdoor Pursuits Adv (WLDO30XX)

6 credits

Outdoor Pursuits fosters an understanding of the environment around us. Students will be exposed to opportunities and experiences to create a life-long love of outdoor recreation while possessing the knowledge and skills required to safely participate in the outdoors. Outdoor Pursuits Adv builds on the knowledge built in Outdoor Pursuits Intro and Inter; requiring students to take a leadership role in the planning process of a mandatory overnight trip, as well as attending several other shorter field trips. Students are expected to maintain a high level of academic standing in their other classes in order to attend these trips. The course fee of Outdoor Pursuits Adv includes the cost of most field trips but not equipment. Depending on travel locations, field trip fees will be assessed at the time of the course.

Prerequisite: Outdoor Pursuits Inter

Trades, Manufacturing & Transportation (TMT)

Auto Body

Do you like working with your hands? Do you like the idea of having variety in your day to day tasks? How about seeing your work take shape in front of your eyes? Then auto body and collision repair may be the rewarding career choice for you. This program will provide a strong foundational understanding of the technologies and techniques used, along with numerous opportunities to perfect craftsmanship through actual repairs in our state of the art repair shop. This approach will equip the student with the necessary skill set to thrive within the industry, based on real world experience.

Auto Body 10 Intro (MECAA10XX)

5 credits

Auto body 10 is focused on teaching students how to work with metal to repair dents, scrapes and damage to vehicles. The program will teach students proper tool identification and usage, accurate measurements, filling techniques, shop safety and lab procedures.

This course is offered at the **Jack James Campus**.

Prerequisite: None

Auto Body 20 Inter (MECAA20XX)

10 credits

Auto body 20 is a further enhancement to the students' knowledge about how to work with metal to repair dents, scrapes and damage to vehicles. Students continue to investigate the career opportunities within this field. This course is offered at the **Jack James Campus** and will include a 5-credit workplace practicum.

Prerequisite: Autobody 10

Auto Body 30 Adv (MECAA30XX)

5 credits

Auto body 30 is the culmination of the past 2 years of training for students in the area of auto body work. The program is focused on expanding student knowledge about estimations, time management and job completion to repair dents, scrapes and damage to vehicles. Actual career opportunities are investigated, and students can research possibilities of employment. This course is offered at the **Jack James Campus** and will include a 5-credit workplace practicum.

Prerequisite: Autobody 20

Mechanics

Automotive Care Fundamentals (MECX0XX)

5 credits

This is a course for students who are interest in cars but not in becoming a mechanic. You will cover vehicle service and care, detailing, buying and selling, engine fundamentals and trim replacement.

Prerequisite: None

Mechanics 10 Intro (MEC10XX)

5 credits

The Mechanics 10 program provides opportunities for students to learn about mechanical systems, automotive electrical systems, vehicle care and maintenance, the basics of hydraulic and pneumatic theory and the fundamentals of various spring, bounce control and steering systems. Students will learn about the tools used, safety in the shop and basic customer service.

This course is offered at the **Forest Lawn Campus**.

Prerequisite: None

Mechanics 20 A/B Inter (MEC20XX)

10 credits

The Mechanics 20 program provides more opportunities for students to enhance their basic knowledge about mechanical systems, automotive electrical systems, vehicle care and maintenance, the basics of hydraulic and pneumatic theory and the fundamentals of suspension and steering systems. Students will continue to expand their learning about the mechanics trade, the interrelated systems within vehicles and be more involved in providing customer service.

Prerequisite: Mechanics 10

Mechanics 30A/B Adv (MEC30XX) 10 credits

The Mechanics 30 program is a culmination of the past 2 years of work for students. Students add to their learning, while performing service on vehicles and begin their diagnostic skill enhancement.

Prerequisite: *Mechanics 20*

Construction/Cabinet Making

Construction 10 Intro (CON10XX) 10 credits

Students develop basic hand tool and production skills to transform common building materials safely into useful products.

Prerequisite: *none*

Cabinet Making 20 Inter (CONM20XX) 5 credits

In this intermediate Cabinet Making course, students will design and build their own project involving doors, drawers and frame & panel construction while further developing their design, milling and assembly skills. Students will also develop a deeper understanding for furniture finishing techniques. This course will enable students to take Cabinet Making 30, Wood Frame Construction 20 or Electrical and Plumbing Systems 20.

Prerequisite: *Construction 10*

Cabinet Making 30 Adv (CONM30XX) 5 credits

In this advanced Cabinet Making course, students will design and building their own project involving a variety of furniture joinery techniques and tabletop surface options while further developing their design, milling and assembly skills. Students will also develop skills involved with tool maintenance and repair.

Prerequisite: *Construction 10, Cabinet Making 20 or Wood Frame Construction 20*

Wood Frame Construction 20 Inter (CON20XX) 10 credits

In the Wood Frame Construction 20 program, students will learn about the fundamental skills and building techniques used in residential house construction. Students will learn by framing a real house on site, which involves constructing floor, wall, stair and roofing systems. **This course is offered at the Jack**

James Campus.

Prerequisite: *Construction 10*

Wood Frame Construction 30 Adv (CON30XX) 10 credits

Building on the fundamental knowledge and skills learned in Wood Frame Construction 20, students in Wood Frame Construction 30 program will learn advanced, trade-level skills, knowledge and building techniques that are used in residential house construction. Students will not only be able to participate in framing a real house on site, but will also gain valuable knowledge in other trade areas such as drywalling, painting, flooring, and finishing carpentry. **This course is offered at the Jack James**

Campus.

Prerequisite: *Wood Frame Construction 20*

Electro-Technologies

Learn the skills of the electrical & plumbing trades and how to wire a home.

Electro-Technologies 20 Inter (ELT20XX) • 30 Adv (ELT30XX) 10 credits each

Building on knowledge and skills learned in Construction or Woodworking 10, the Electro-technologies program provides opportunities to learn about the design, development, testing, production, service, repair and operation of electrical and electronic equipment and systems. You will learn to provide technical support and services of electrical and electronic equipment; learn to use software for programmed control of robotic systems; control robotic movements, use sensors and develop simulation applications, and are often taught within a multi-cluster program.

These courses are offered at the Jack James Campus and will include a 5-credit workplace practicum.

Prerequisite: *Construction 10 or Woodworking 10 or by recommendation of a Jack James School Counsellor*

Welding & Fabrication

Fabrication courses are offered at the exploratory and credential levels. At the explore level students may enrol for one block and typically achieve 5-7 credits. At the credential level, student may enrol for a double block and can expect to complete 10-13 credits.

Welding & Fabrication Studies 10 Intro (FAB10XX) 5 credits

This is an introductory welding and fabricating (building with metal) course. Students learn how to do basic welds with the Oxyacetylene, Arc, and MIG systems and learn to use basic hand and power tools essential to welding and fabricating. Students will complete a custom or customer project.

Prerequisite: *None*

Welding & Fabrication Studies 10 Intro Female Only (FAB10XX) 5 credits

This is an introductory welding and fabricating (building with metal) course. Students learn how to do basic welds with the Oxyacetylene, Arc, and MIG systems and learn to use basic hand and power tools essential to welding and fabricating. Students will complete a custom or customer project.

Prerequisite: *None*

Welding & Fabrication Studies 20 Inter (FAB20XX) 5 credits

This is the intermediate welding course. Students learn more advanced welds using the Oxyacetylene, Arc, and MIG systems, and how to cut metal with an Oxyacetylene cutting torch and the Plasma torch. As well, students are required to build a custom or customer project.

Prerequisite: *Fabrication 10*

Welding & Fabrication Studies 30 Adv (FAB30XX) 5 credits

Students interested in a career as a journeyman welder or who plan to take further training in the field should complete this course. Students learn to weld steel and aluminum with TIG, do horizontal and vertical welding with the Arc and MIG systems and complete a bend test. Students will complete a custom or customer project.

Prerequisite: *Fabrication 20*

Welding & Fabrication Studies Apprenticeship (FABWAPP) 15 credits

Fabrication (Welding) program offers students the opportunity to earn credit toward their first year Journeyman Welder credential. The welding shop is a leading-edge facility and the equipment is compatible with post secondary institutions in Alberta. Fabrication provides a personalized program of study with self-paced progress and completion of credits.

The program is delivered by industry experienced Journeyman Welders who are Alberta Education certificated teachers. The coursework required for the first period Welder apprenticeship technical and practical training, recognized by Alberta Apprenticeship and Industry Training (AIT), is a combination of classroom, shop, and online learning.

This "Credential Pathway" positions students competitively to pursue careers in the welding trade and gain skills and experience useful in various related fields; Sheet Metal, Auto body, Welding Engineering Technology and Engineering. Upon completion of the welder apprentice courses, students are eligible to challenge the first year technical and practical exams of the Welder apprenticeship administered by Alberta Apprenticeship and Industry Training.

Prerequisite: *Fabrication 20 or 30 and based on teacher recommendation*

Construction- Metal Fabrication 10-4 (KAE1579) 20-4 (KAE2580) 30-4 (KAE3580) 5 credits each level

This is an introductory metal fabrication program that allows students to become familiar with the expectations of working within a fully functional welding shop' as well as the tools, equipment and safety

that are necessary within it. Students will then identify the proper procedures for welding, using a variety of devices.

Prerequisite: *None for 10-4, 10-4 for 20-4, and 20-4 for 30-4*