



Langdon School
CTF (Career & Technology Foundations) Option Courses Grade 7-9
Descriptions and Fees List
2018 – 2019

Career and Technology Foundations (CTF) is a new and unique curriculum based on Career and Technology Studies (CTS). Career exploration is incorporated in both the CTF curriculum and the CTS courses to encourage students to make connections between areas of interest and skill development in various occupational areas. CTF students explore their interests, passions and skills while making personal connections to career possibilities through relevant, meaningful, and engaging learning experiences. CTF students design, create, appraise and communicate responses to challenges where they explore attitudes, skills and knowledge associated with various occupational areas. A CTF learning journey offers students an opportunity to engage with one or more of the five CTF clusters: Communication, Human Services, Business, Resources and Technology.

Please read the CTF course descriptions carefully with your parents, noting the fee attached to each. Please note that some of the options have no fee attached; however, there may be a cost for field trips. Once you have decided which courses you would like to enroll in for the 2018/19 school year, go to the school web site langdon.rockyview.ab.ca, then “*Students*”, and “*Options*”.

Online registration will open on:
June 13, 2018 at 9:00am and close June 20, 2018 at 9:00pm.

You need to choose 8 DIFFERENT options and be sure you are choosing options based on level of preference.

****Please note that due to the number of students, teachers, courses involved, as well as record keeping considerations, *We may NOT be able to change placements once registration is complete, please choose carefully.* Every effort will be made to give students their 6 top choices.**

Communication Cluster

Band: (Full Year Course)

Fee: \$40.00+Instrument Cost

Langdon School offers band as an option to all Grade 7 students to further develop their musical abilities and experience playing an instrument through a Band Class setting.

- Flute, clarinet, trumpet, trombone and alto saxophone rental may be arranged through a reputable music store (St. John’s Music, or Long & McQuade).
- French horn, bass clarinet, baritone, tenor saxophone, baritone saxophone, and tuba may be rented through the school. Instrument rental is \$210.00, which includes a \$50.00 Cautionary Fee. This fee will be refunded at the end of the school year.

Possible Careers: Musician, Composer, Musical Therapist, etc.

French (Full Year Course)

Fee: \$30.00

Students will participate in language experiences, enabling them to read, write, speak and listen in French. They will also have the opportunity to develop an awareness of French culture at local, provincial, and national levels.

Possible Careers: Government Jobs, Translator, Linguist, etc.

ART: Drawing

Fee: \$30

Students will learn about different styles of drawing while discovering their own style. Students will be using a broad variety of mixed media and will delve into unique and creative techniques, as well as becoming familiar with classical styles of drawing.

Possible Careers: Artist, Curator, Cartoonist, Designer, etc.

ART: Painting

Fee: \$30

Students will learn and, in the process, develop their own style of painting as well as discover traditional and new techniques and styles that can be incorporated into their own work. Students will express themselves by developing a unique array of projects that include Surrealism, Impressionism and Pop Art.

Possible Careers: Artist, Curator, Cartoonist, Designer, etc.

ART: Sculpture

Fee: \$30

Students will be working with a vast variety of materials in this course to create a broad variety of unique and personalized 3d creations. Learners in this option will engage in using wire, cardboard, clay, and plastic to develop sculptures based on emotion, thought, and functionality.

Possible Careers: Artist, Curator, Cartoonist, Designer, etc.

ART: Street Art

Fee: \$30

This option will explore the art movement that was born in the alleyways of major urban centres and how it has evolved into one of the most popular art movements of today. Students will explore the differences between graffiti and street art, develop a unique style of expression using varied forms of paint and 3 dimensional objects.

Possible Careers for all ART: Artist, Graphic Design, Cartoonist, etc.

Communication Technology (formerly animation and NEW audio/visual component)

Fee: \$0

Discover and develop skills for relaying a message effectively using various forms of media including animation and audio/visual. In animation, students will begin by looking at drawing animation and studying some of the worlds' famous animators. Students will then move towards creating projects using current animation techniques including Claymation, Stop Motion, and computer animation. For the audio/visual component, students will learn how to use the audio/visual equipment/green screen in the Media room to create unique projects.

Possible Careers: Movie Producer, Communication Technologist, Cartoonist, etc.

Film Studies

Fee: \$0

This course will give students an introduction to the academic study of film, focusing on three key areas: film analysis, film industry, and film history. In addition to developing a set of critical tools for analysis of film texts, contextual studies will also offer students a wide range of critical, institutional and historical frameworks for the study of film.

Possible Careers: Movie Producer, Animator, Actor, etc.

Film and Media Arts

Fee: \$0

Film and media art are highly visible in contemporary culture. The purpose of Film & Media Art is to provide learning experiences where students investigate, explore and create film and media art from an artistic perspective. Students will engage in deepening their knowledge of film through the authentic exploration of the medium. Film & Media Art creates the environment through which students engage with and explore contemporary and historical art forms, and create art that integrates narrative, technical and artistic elements. Through authentic learning experiences, students will expand their responsibility to be positive contributors to the quality and richness of Alberta's culture, communities, and society.

Possible Careers: Movie/Documentary Producer, Film Critic, Actor, etc.

Fashions

Fee: \$30

Fashions will be offered in modules, depending on student's ability and skill. The modules include:

- Module I: Students learn how to safely use and care for sewing and pressing equipment while applying these skills to the assembly of a project. (Introductory Level)
- Module II: Building on the skills developed in Module I, students will learn how to determine pattern size, choose suitable fabrics, and about pattern layout in assembly of our sewing projects. (Guided Level)
- Module III: This will be a teacher-facilitated module where students choose and create their own garment projects. (Independent Level)

Possible Careers: Fashion Designer, Fashion Illustrator, Visual Merchandiser

Photography

Fee: \$30

This is a photography course that focuses on learning and using the manual settings on a digital SLR camera. These are the cameras that the professionals use!

Projects and activities in this course will focus around manually manipulating:

-Shutter speed (light painting, ghosting, motion projects)

-Aperture and Depth of Field – (portraits, landscapes)

-Composition and Perspective

You will also work with photo editing tools (iPhoto/Photoshop) to create artistic photographs and possibly compile a final keepsake photo book of your own work. (Extra cost) Providing your own SLR camera is not a requirement, however, having your own will allow you to have more “hands on” time with the camera.

Possible Careers: Photojournalist/News Photographer, Portrait Photographer, Forensic Photographer

German

Fee: \$0

This is a beginner level course that will familiarize students with the German language and is designed for students with some or no previous knowledge of German. This introductory course will provide students with a basic ability to communicate by Listening, Speaking, Reading and Writing. Additionally, students will learn basic elements of German culture and geography.

Possible Careers: Government Jobs, Translator, Linguist, etc.

Human Services Cluster

Recreational Leadership (formerly Outdoor Ed., Trust, Leadership and Sports Medicine)

Fee: \$30

****Excursions may include but are not limited to hiking, biking, wall climbing, ropes course, skiing, snowshoeing and camping (\$150.00 - \$200.00 additional costs for field trips).**

Students will develop skills useful for coaching, fitness leadership, sport performance, athletic therapy and leading recreational activities. The main concepts of this class are: trust activities; team building games and principles, trip planning and safety/First Aid, leadership styles and qualities, lifelong fitness and outdoor excursions.

Possible Careers: Personal Trainer, Sports Instructor, Recreational Facility Operator, etc.

Langdon Leaders

Fee: \$30

Langdon Leaders is a group of dedicated hard-working individuals who love to have fun while making a difference in the lives of others. Our goal, as Langdon Leaders, is to not only understand what makes a great leader, but also how we can effectively work together to make change happen. Students will experience volunteering and developing skills for community-based services in a variety of settings. Students need to apply to this option due to the commitment level required. (Term 1/Grade 7, Term 2/Grade 8, Term 3/Grade 9.)

Cosmetology/Esthetics

Fee: \$30

Students will focus on beauty through hands on labs. Topics covered are: stereotypes, ideal male/female, self-image, skin care, nail art and care, and hair care. Through research, presentation, hands - on labs and guest speakers, students gain insight into the realm of Cosmetology/Esthetics.

Possible Careers: Cosmetician, Esthetician, Make-Up Artist, etc.

Foods

Fee: \$30

Foods option teaches students to have an understanding of kitchen safety, practice proper handling of food, tools and equipment. Students will learn to apply knowledge and management skills in the planning, preparation, and evaluation of basic foods, like, snacks, entrees and convenience foods.

Possible Careers: Baker, Chef, Restaurant Manager, etc.

Tourism

Fee: \$0

Students will look at the impact of tourism in Alberta and around the world and develop knowledge and skills required for the tourism industry. They will gain an understanding of some of the major tourism industries including guest services, accommodations, and travel.

Possible Careers: Travel Agent, Tour Guide, Flight Attendant, etc.

PE Enrichment/Fitness

Fee: \$30

This course will primarily take place in the fitness room. Students will learn about the fundamentals of stretching, muscle building, toning, and cardiovascular health. Participants will be guided in the development of their own personal workout plan, BMI, nutrition, fitness equipment and learn how effective quality physical training is over quantity.

Possible Careers: Personal Trainer, Nutritionist, Coach etc.

Psychology

Fee: \$0

This course will be focused on the general idea of psychology and how the human mind works. Students will explore the various paths of the brain and also focus on abnormal psychology and sport psychology. This course will give participants insight and strategies that can be applied to their own mental health and well-being.

Possible Careers: Psychologist, Counsellor, etc.

Business Cluster

Robotics

Fee: \$30

Students will develop an understanding what a robot is and what role robotics plays in our modern world. Students will use the LEGO Mindstorm NXT kits to explore the world of robotics in a series of hands-on experiments and challenges. Projects range from building preset designs through to the creation of individual designs that will complete a set task. Ultimately, in the building of their robotics, students work through considerations of strength, speed, and durability and the inherent trade-offs to achieve their goals.

Possible Careers: Robotics Engineer, Robotics Technician, Animatronics, etc.

Information Processing/Coding (formerly Computer Technology/Web 2.0)

Fee: \$0

This course is for students who are truly into learning about computers, the Internet and cutting-edge technology. In this option, you can look forward to using a variety of Internet applications such as avatar creators, website builders, blogging software, iMovie and coding programs, such as Scratch and Beeperbot. Students will also be learning about Internet etiquette, social media, and game creation!

Possible Careers: Computer Engineer, Electronic Data Processors, Computer Programmer, etc.

Resources Cluster

Wildlife/Forestry

Fee: \$0

Wildlife option gives you the chance to discover a variety of different animals, plants, and geographic phenomena from around the world. You will also have the opportunity to develop your very own nature/animal documentary! For the Forestry component students will develop an understanding of the forest as a resource and how to maintain its sustainability. Guest speakers are also potentially available to come in with local wildlife and share their experiences working with them.

Possible Careers: Hunting Guide, Logging/Forestry Equipment Operator, Landscape Gardener, etc.

Technology Cluster

Construction and Design

Fee: \$30

Students will have the opportunity to learn the basics of creating and building wood projects in the shop using hand and power tools. Students will be expected to pass written and practical safety tests upon entering the shop course to proceed on to using equipment such as wood burners, scroll saws, band saws and drill presses. Students will also be exposed to working with leather, jewelry, clay and glass. Fees include the cost of wood, leather, jewelry supplies, clay and other building supplies; students will need to bring glass bottles in to melt in the kiln.

Possible Careers: Carpenter, Civil Engineer, Cabinetry, Jewelry Designer, Glass Blowing, Ceramic artist, etc.