



Langdon School
CTF (Career & Technology Foundations) Option Courses Grade 7 & 8
Descriptions and Fees List

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. **The fees listed in the spring are not finalized until the fall.** The amount listed with the option is the maximum that can be charged. For a full listing of previously offered options/descriptions/costs, please [click here](#).

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.*

Communication Cluster

Band 7 & 8: (Full Year Course)

Cost: Max \$46.00

Langdon School offers band as an option to all Grade 7,8 & 9 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.

ART 7 & 8: General

Cost: Max \$40.00

Students will learn about different styles of art while discovering their own style. This general art course will allow students to explore media such as drawing, painting, sculpting, painting and FNMI art. Students will be using a broad variety of mixed media and will delve into unique and creative techniques.

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

Audio Visual 7 & 8

Cost: Max \$35.00

Students will learn to be creative in exploring different aspects to capture, edit and produce pictures, video, and audio in a succinct and meaningful way to convey a specific message or idea. Students will use technology such as cameras, computers, and the internet to help produce their work. Students will be leaders in our school to organize and set up for regular events that helps to develop and maintain school culture and connections to the community.

Fashions 7 & 8

Cost: Max \$40.00

Fashions will be offered in modules, depending on student's ability and skill. The modules can include but not limited to:

- 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

Film Studies 7 & 8

Cost: Max \$35.00

In this option we will be looking at the evolution of films from the 1930's through to 2000. We will be studying the types of genres, art of acting versus type casting, and comparing storytelling through novel versus film.

Photography 7 & 8

Cost: Max \$35.00

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

Genius Hour (Enterprise & Innovation) 7 & 8

Cost: Max \$35.00

Genius Hour is an enticing option for students to explore and engage in inquiry-based self-directed learning. Students will delve into a topic of their choice, giving them the freedom to pursue their passions and develop their skills in a specific area of interest. Engaging in Genius Hour not only allows students to deepen their understanding of their chosen topic but also nurtures essential skills such as critical thinking, problem-solving, research, communication, and time management. Through self-directed exploration, students gain independence and develop the ability to set goals, plan their projects, and take responsibility for their own learning.

Guitar 7 & 8

Cost: Max \$20.00

Students will learn about basic technique and musical skills and will develop various techniques to help them in playing the instrument. Examples of topics covered in class are identification of guitar parts, basic pitch and rhythm reading, strumming, chord identification, improvisation, and ensemble playing.

Media Literacy 7 & 8

The focus of this option is to help student develop the skills required to safely navigate our media-rich society. Topics explored will include:

- Creative commons and copywrite
 - find practical tips for sourcing images and media and investigate why media creators and authors choose to license with Creative Commons and learn how to license creations.
- Implications of Technology
 - The use of smart phones and social media tools has become habitual for learners both young and old. Discover how devices and applications are designed to hijack our attention and consider the potential impacts of the ‘connected life’ on our mental health and social well-being.
 - We live and learn in a world captivated by social media and overflowing with on-demand content. At the same time, we have ready access to tools to collaborate in real time with people from virtually every corner of our world. So why do so many suffer the effects of loneliness and anxiety? What are the mental health implications of our social media habits?
 - Drawn by ‘likes’, ‘faves’, and ‘follows’ from their online connections, it is all too common for modern learners to be distracted by the lure of social media. Young people are called to split their waking hours between the online world and the physical world. How can teachers lead students to see the benefits of unplugging?
- Safe Social Media
 - how to help youth stay safe when using social media. Topics include mixed messages, violence and bullying, social media impacts on youth perceptions of what kind of person that they are supposed to be, and more.

Street Art 8

Cost: Max \$35.00

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.

Science Olympics (STEM) 7 & 8

Cost: Max \$35.00

The Science Olympics option is an exciting and challenging opportunity for students to immerse themselves in the world of science through friendly competition. During the Science Olympics, students participate in a series of hands-on activities, experiments, and challenges that cover various scientific disciplines such as physics, chemistry, biology, and earth sciences. These activities are carefully crafted to engage students in real-world problem-solving scenarios, allowing them to apply scientific concepts and principles to practical situations. They are encouraged to think outside the box, come up with unique solutions, and design experiments or projects that demonstrate their scientific prowess.

Human Services Cluster

Cosmetology/Esthetics 7 & 8

Cost: Max \$35.00

Students will focus on beauty and self-care through hands-on labs. Topics covered: self-image, skincare, nail art and care, hair care, and both everyday makeup and special effects makeup application. Through research, presentation, hands-on labs and guest speakers, students gain insight into the realm of Cosmetology/Esthetics.

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

Foods 7 & 8

Cost: Max \$40.00

Foods option teaches students to understand 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.

Girls Only Fitness 7 & 8

Cost: Max \$35.00

Are you looking to advance your overall health and fitness level? This course will offer a variety of fitness and physical conditioning classes that will be designed to increase your wellness and performance in all areas of fitness. Emphasis will be on learning appropriate exercise techniques as well as general wellness principles. Students will create and implement a fitness plan that will be geared to their personal fitness goals. Safety, training techniques, anatomy and nutrition will be important topics discussed in the course. Circuit training, yoga, plyometrics, Tabata, cardio endurance, weightlifting and more...

Mentoring 7 & 8

Students in this program will be given a unique opportunity to directly impact the cultural development within our school. Students will be given the chance to build meaningful and lasting relationships with younger students in our school to build a capacity for success at Langdon School.

Key benefits of mentoring include:

- Increased sense of belonging.
- Enhancing attendance and motivation to learn.
- Increased connection to school community.
- Learning and valuing diversity.
- Strengthening school culture.
- Decreasing unexpected behaviors.

Outdoor Education 7 & 8

Cost: Max \$40.00

Students enrolled in this course will develop a variety of skills including navigation, orienteering, hiking, cross-country, and wildlife studies. Camping skills will be introduced and will include survival, shelters and outdoor safety.

PE Enrichment/Fitness 7 & 8

Cost: Max \$35.00

Physical Education Enrichment is a course designed for students that enjoy participating in physical activity and fitness. The intent is to increase the amount of time being active throughout the school year. This option will emphasize cardiovascular endurance, muscular strength, muscle endurance and flexibility through group exercise, team building games/activities and sport.

Sports Medicine 7 & 8

Cost: Max \$37.00

The purpose of the Sports Medicine course is to introduce students to sports injuries, first aid, and to look at professions in the sports medicine field. The Sports Medicine course will review the basic anatomy and physiologies associated with athletic injury and further their knowledge in these areas. In addition, students will be exposed to more advanced methods of treating injuries and prevention.

Business Cluster

Life Management 8

Students will have the opportunity to learn life management skills through developing financial literacy and analyzing lifestyle and career aspirations. These real life skills will be established through engaging hands on projects surrounding topics such as budgeting, financing, simple and compound interest rates and career planning paths. This course is a terrific lead into Career and Life Management that all students are required to take in high school in order to achieve a high school diploma.

Technology Cluster

Construction and Design 7 & 8

Cost: Max \$40.00

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.

Graphic Design 7 & 8

Cost: Max \$40.00

Graphic Design is a class that teaches art and technology. In this class students will use design as a creative process in communication. Students will also explore various methods used to create and combine words, symbols, and images to create a visual representation of ideas and messages. Students will use the basic elements and principles of art and learn how to use a variety of digital resources to express their artistic creativity.

Possible Careers: Photo Editor, Apparel Graphic Designer, Logo Designer, Web Designer, Publication Designer.

Robotics 7 & 8

Cost: Max \$35.00

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.