

September 2024 – June 2026

Dear Student and Parent(s) / Guardian(s),

**Congratulations!** We are pleased to offer a place in the **Environmental Science Specialist High Skills Major (SHSM) Program** at Corpus Christi Catholic Secondary School. Please review the attached details, which serve to outline the specific courses, certifications, and additional requirements of the SHSM program. Students who complete the requirements for the SHSM program, will receive an OSSD with the SHSM Red Seal at graduation.

Your signatures below, as student AND parent(s) / guardian(s), will serve to:

- indicate **permission for enrollment** in the program,
- acknowledge **the program requirements that will be completed** prior to June 2026 (including four major credits and two co-op credits), and
- grant permission to **make the necessary timetable adjustments** to accommodate the program requirements.

Please contact either the SHSM Lead Teacher or Guidance Counsellor listed below should you have any questions or concerns.

We look forward to working together in the coming months and years!!

Sincerely,

Ms. L. Ambroszkiewicz

SHSM Lead Teacher

[ambroszkiewicz1@hcdsb.org](mailto:ambroszkiewicz1@hcdsb.org)

Mrs. E. Clarke

Guidance Counsellor

[clarkee3@hcdsb.org](mailto:clarkee3@hcdsb.org)



Complete / Return to SHSM Lead Teacher

I, \_\_\_\_\_ give permission for my child, \_\_\_\_\_  
(please print Parent/Guardian's full name) (please print student's full name)

to enroll in the **Environmental Science SHSM Program** at Corpus Christi Catholic Secondary School. We – both student and parent(s) / guardian(s) – acknowledge that, in order to complete the SHSM program, the following conditions MUST be met:

- ✓ **9 required courses** (combination of major credits, English credit(s) and Math credit(s))
- ✓ **2 sections of Co-op** (can be completed via day school, night school, or summer school)
- ✓ Required **industry certifications and trainings**
- ✓ Additional **reach-ahead and experiential learning activities**

Grade (as of Sept 2024): \_\_\_\_\_

Student Identifies As: ☐ Male ☐ Female ☐ Transgender ☐ Non-Binary ☐ Prefer Not to Say

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Parent/ Guardian Signature)

\_\_\_\_\_  
(Student Signature)

### SUMMARY (PATHWAYS CHART)

Credits	Workplace Pathway	Apprenticeship Pathway	College Pathway	University Pathway
Major Credits	4 including at least one Gr. 11 and one Gr. 12 credit	4 including at least one Gr. 11 and one Gr. 12 credit	4 including at least one Gr. 11 and one Gr. 12 credit	4 including at least one Gr. 11 and one Gr. 12 credit
English (may include a CLA in each credit)	2 one credit must be Gr. 12	1	1	1
Mathematics (may include a CLA in each credit)	1	2 one credit must be Gr. 12	2 one credit must be Gr. 12	2 one credit must be Gr. 12
Co-Operative Education	2	2	2	2
TOTAL NUMBER OF CREDITS	9	9	9	9

### Environmental SHSM REQUIRED COURSES

	Workplace		Apprenticeship		College		University	
Credits	11	12	11	12	11	12	11	12
Major Credits (4 Credits)	HRF3O/3M SVN3E/3M CGG3O PAF3O TCJ3O	PPL4O	SBI3C SVN3M SVN3E CGG3O PAF3O TCJ3O	SCH4C PPL4O	SBI3C SVN3M HRT3M HRF3O BAF3M CHW3M CLU3M PPL3O PAF3O TCJ3C TTJ3C	SVN3M HRT3M	SBI3C SVN3M HRT3M HRF3O BAF3M CHW3M CLU3M PPL3O PAF3O TCJ3C TTJ3C	SBI3U SCH3U SVN3M HRT3M
Math Credit(s)	MEL3E	MEL4E	MBF3C MCF3M MEL3E	MEL4E MAP4C MCT4C	MBF3C MCF3M	MAP4C MCT4C	MCR3U	MHF4U MCV4U MDM4U
English Credit(s)	ENG 3C	ENG 4C	ENG 3E	ENG 4E	ENG 3C	ENG 4C	ENG 3U	ENG 4U
Co-Op (2 Credits)	CO-OP (2 credits) related to the major credits taken in Grade 11 or 12							

**CERTIFICATIONS AND/OR TRAINING COURSES/PROGRAMS**

The SHSM in Environment requires students to complete a **minimum of six** sector-recognized certifications and/or training courses/programs.

**MANDATORY CERTIFICATIONS**

Of these, **four are mandatory certifications**. During each year of the 2-year SHSM program, three of the mandatory certifications are offered (except GPS).. This ensures that students have ample opportunity to register, attend, and acquire each certification before graduation. *Students are encouraged to complete these mandatory certifications in Grade 11. GPS training is only offered every other year*

FOUR MANDATORY CERTIFICATIONS			
Cardiopulmonary Resuscitation (CPR) Level C - includes automated external defibrillation (AED)	Workplace Hazardous Materials Information System (WHMIS) - generic (i.e., not site-specific) instruction	Standard First Aid	Global Positioning System (GPS)

**ELECTIVE CERTIFICATIONS**

In addition to the four mandatory certifications, **three are elective certifications**. During each year of the 2-year SHSM program, a few different elective certifications (see chart below) are offered. Students can choose to register, attend, and acquire any two (or more!) of the certifications that are of interest to them.

THREE ELECTIVE CERTIFICATIONS			
animal and plant management	automated external defibrillation (AED)	chainsaw safety	geographic information system (GIS)
habitat restoration	Hike Ontario	knots technique	leadership
Leave No Trace	Pleasure Craft Operator	Project Wild	radio operator
paddling techniques	leadership – group activities	marine and wilderness first aid	medical terminology
search and rescue	species (e.g., fish, birds, plants, trees, small mammals) identification	stream assessment protocol	water/ice safety
watershed management	wilderness first aid		

### EXPERIENTIAL LEARNING AND CAREER EXPLORATION ACTIVITIES

The following opportunities relevant to the sector may include:

- ⇒ one-on-one observation of a cooperative education student at a placement in the environmental sector (an example of job twinning)
- ⇒ a day-long observation of an environmental person (an example of job shadowing)
- ⇒ a one- or two-week work experience with a member of an environmental association or a professional in the sector (an example of work experience)
- ⇒ attendance at a retail show (e.g., ., Toronto Sportsmen's Show, Outdoor Adventure Show), conference, or workshop focusing on the environmental sector
- ⇒ assisting with trail maintenance, trail cleanup
- ⇒ participating in Envirothon

### REACH AHEAD OPPORTUNITIES

Students are provided one or more reach ahead experiences – opportunities to take the next steps along their chosen pathway – as shown in the following examples:

- ⇒ **Apprenticeship:** visiting an approved apprenticeship delivery agent in the sector
- ⇒ **College:** interviewing a college student enrolled in a sector-specific program
- ⇒ **University:** observing a university class in a sector-related program
- ⇒ **Workplace:** interviewing an employee in the sector

### SECTOR-PARTNERED EXPERIENCES (SPEs)

Students engage with a sector partner and apply skills to gain insight into the relationship between the environmental sector and **ICE** (innovation, creativity, and entrepreneurship), **coding**, and/or **mathematical literacy**.

ICE, coding (computer programming), and mathematical literacy are all areas of knowledge that are key to a wide variety of 21st century careers. An SPE is designed to support students in cultivating the mindset that is needed for success in any of these areas of focus – a mindset that includes proposing ideas and solutions, taking smart risks in a safe environment, studying the results, and applying critical thinking.

**ESSENTIAL SKILLS, WORK HABITS AND THE ONTARIO SKILLS PASSPORT (OSP)**

Students will develop Essential Skills and Work Habits required in the environmental sector and document them using the OSP.

ESSENTIAL SKILLS	WORK HABITS
<p><b>Literacy</b>  Reading text  Writing  Document use  Computer use  Oral communication</p> <p><b>Numeracy</b>  Money math  Scheduling or budgeting and accounting  Measurement and calculation  Data analysis  Numerical estimation</p> <p><b>Thinking Skills</b>  Job task planning and organizing  Decision making  Problem solving  Finding information</p>	<p>Working safely  Teamwork  Reliability  Organization  Working independently  Initiative  Self-advocacy  Customer service  Entrepreneurship</p>