Information about STEM CTC - Online summer courses

Online courses

Course	Description	Prerequisites
Cyber Safety and Security Team Leader (CSSTL)	The Cyber Safety and Security Team Leader course provides cadets with the opportunity to engage with cyber security experts in the Canadian Armed Forces, recognize security measures in Windows and Linux, and participate in a cybersecurity competition. Cadets attending this course, if successful, can achieve the Cyber Leader certification. This will help them practice safe online behaviours and be prepared to lead cybersecurity activities in their corps or squadron.	Training Year 2+ Laptop / computer able to operate VMware player (not compatible with Chromebooks)
Support Services Team Leader (SSTL)	The Support Services Team Leader course provides cadets the opportunity to gain an understanding of the internal operations of cadet corps and squadron and how to provide support in areas such as Supply and Administration in leadership positions. Cadets attending this course, if successful, can achieve WHMIS Certification.	Training Year 2+ Recommended: Training Year 3+ as course content may be challenging for junior cadets.
Small Craft Coxswain (SCC)	The Small Craft Coxswain Course provides cadets the opportunity to learn about vessel operations, restrictions, and navigation. They will also learn about aspects of on-water communication, such as distress signals, Maritime Mobile Service, and Radio Operations. Cadets attending this course, if successful, can achieve SCOP Module 1 (Transport Canada Pleasure Craft Operator Competency) and SCOP Module 2 (Transport Canada Restricted Radio Operator's Certificate [Maritime]). Cadets attending this course, if successful, can achieve Transport Canada certification.	Training Year 2+ Recommended: Training Year 3+ as course content may be challenging for junior cadets.
Basic Microdrone Operator (BMDO)	The Basic Microdrone Operator course provides cadets the opportunity to learn about drones in the Canadian Armed Forces, prepare for the Transport Canada Pilot Certificate - Basic Operations exam, and explore careers involving drones.	Training Year 2+

Nova Quest (NQ)	The Nova Quest course provides cadets the opportunity to explore the Canadian Aerospace industry, its exciting past, and the potential future for advanced space technologies. Activities include simulating life in space, and its intricacies in survival, communication, and exploration, identifying celestial objects, and exploring new technologies in the aerospace world.	Training Year 2+
Basic Coder (BC)	The Basic Coder course provides cadets the opportunity to explore coding and digital creativity. Activities include learning to use block code in Minecraft and coding a robot. Cadets will develop a digital community, compete in Esports competitions, and engage in discussions with the Canadian Armed Forces.	Training Year 2+

Online course dates

Course	Language	Dates	Duration
Basic Coder	**English**	12 to 23 July 2027	2 weeks
	French	2 to 13 August 2027	2 weeks
Cyber Safety and Security Team Leader	**English**	12 to 23 July 2027	2 weeks
	French	2 to 13 August 2027	2 weeks
Small Craft Coxswain	**English**	12 to 23 July 2027	2 weeks
	French	2 to 13 August 2027	2 weeks
Basic Microdrone Operator	**English**	2 to 13 August 2027	2 weeks
	French	12 to 23 July 2027	2 weeks
Nova Quest	**English**	2 to 13 August 2027	2 weeks
	French	12 to 23 July 2027	2 weeks
Support Services Team Leader	**English**	2 to 13 August 2027	2 weeks
	French	12 to 23 July 2027	2 weeks