



Compounding
Competency Mapped Certificate Accredited Programs
Canadian Council on Continuing Education in Pharmacy
Updated: August 30, 2024
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Program Provider ¹	Program Title	CCCEP Program number (CEUs)	Program Delivered by ² :	Accreditation Period ³		Comment
				From (DD/MM/YYYY)	To (DD/MM/YYYY)	
Non-Sterile Programs						
Sterile (non-hazardous) Programs						
Critical Compounding Resources	CCR's Sterile Compounding In-person Non-Hazardous Training	1719-2023-3679-L-Z 14.50 CEUs	Critical Compounding Resources	31 January 31, 2024	28 September 2025	
BCE Pharma Software and Compounding Consultants	QUESS Programme de formation en préparations stériles basée sur les compétences/QUESS Modular Competency Based Training Program on sterile compounding	1401-2024-3763-B-Z (17 CEUs of this 25 CEU program are required)	BCE Pharma Software and Compounding Consultants	April 25, 2024	April 25, 2025	See Appendix A for the list of components of the accredited program that must be completed to achieve the competency mapped accredited certificate in non-hazardous sterile compounding.
Sterile (hazardous) Programs						
BCE Pharma Software and Compounding Consultants	QUESS Programme de formation en préparations stériles basée sur les compétences/QUESS Modular Competency Based Training Program on sterile compounding	1401-2024-3763-B-Z 25 CEUs	BCE Pharma Software and Compounding Consultants	April 25, 2024	April 25, 2025	

1. The Program Provider is the organization that will issue the certificate for the successful completion of the program. They may deliver all the required courses or partner with another organization to deliver some of the courses.
2. The "Program Delivered by" is the organization responsible for the delivery of the listed course.
3. The accreditation period is the period for which the program is accredited. Learners must complete the course prior to the expiry date. However, the expiry date is changed as the program accreditation is renewed on an annual basis.



Appendix A

(required components of 1401-2024-3763-B-Z to receive a competency mapped certificate in non-hazardous sterile compounding)

Module	Theoretical portion minute	Practical portion Minute
Sterile Compounding Facilities – Non-Hazardous	35	
Conduct of Personnel	45	
Personnel Protective Equipment (PPE) – Non-Hazardous	50	
Equipment – Non-Hazardous	55	
The Compounding of Sterile Preparations	37	
Beyond use date (BUD)	30	
Handling and Safety Measures – Non-Hazardous	27	
General aspects of sterile compounding	50	
Non-hazardous compounded sterile preparations	30	
High-risk compounded sterile preparations	40	
Cleaning and disinfecting non-hazardous sterile compounding facilities	30	
Quality Assurance Program – Non-Hazardous	50	
Pharmaceutical calculations – Percentages	90	
Pharmaceutical calculations - Flow rate and infusion time	60	
Practical training -Non-Hazardous		120
Housekeeping - Non-Hazardous		150
Practical Assessment - Non-Hazardous		120
Total:	629 min (10.5h)	390 min (6.5h)