



CHICA-Canada On-line Novice Infection Prevention and Control Course

Beginning September 13, 2010, CHICA-Canada will be offering an online 6 module Novice Infection Prevention and Control (IP&C) course. This interactive, online course is for the Novice practitioner with less than 2 years experience who is currently working in IP&C. The course will run from September 2010 – June 2011. Students are expected to complete all 6 modules and a final practicum. The course is completely web-based and is asynchronous. This means that students may log in at times that are convenient for them without concerns about time-differences across Canada. The course is facilitated by both an instructor and an online discussion facilitator who is an ICP in current practice. Graduates will receive a certificate from CHICA-Canada on successful completion of the six modules plus the practicum.

Membership in CHICA-Canada is not required to take this course. Membership is recommended for the additional educational and networking benefits. See www.chica.org.

Topics and Schedule: Schedule includes one free week between modules. Topics include but are not limited to:

Module 1 (September 13-October 31): History of IP&C; IP&C Roles and Responsibilities; Teamwork in IP&C; Ethics in IP&C; Hand Hygiene, Routine Practices and Additional Precautions; Personal Protective Equipment; Hierarchy of Controls; Chain of Infection; Pathophysiology of Infection

Module 2 (November 1-December 19): Basic Bacteriology and Virology; Infections: Respiratory, Surgical Site, Bloodstream, GI, Urinary Tract, Skin and Soft Tissue; Antibiotic Resistant Organisms; Interpretation of Microbiology Lab Results and Working with the Microbiology Lab

Module 3 (January 10-February 13): Teaching and Persuasion; Technical Aspects of Presentations; Policy and Procedure Development; Committee Involvement; Occupational Health

Module 4 (February 14-March 27): Surveillance; Analyzing Data; Technical Aspects of Doing Reports

Module 5 (March 28-May 1): Identification of Outbreaks; Managing Outbreaks; Emergency Preparedness

Module 6 (May 2-June 5): Sterilization and Disinfection; Reuse Issues; Air Handling; Construction and Renovations; Product Evaluation and Tendering

Final Practicum: Job shadowing with an experienced IP&C professional and time in the microbiology lab to be arranged by the student in consultation with the course instructor

Students will participate in a weekly discussion forum, submit 1 – 2 assignments for each module, and write a take-home exam for each module.

Tuition and Course Textbook

Tuition is \$1600.00 CDN for all 6 modules (\$266.66 per module). Tuition is payable at the beginning of each module through post-dated cheques or credit card. The student must take all six modules.

The text for the course is *Practical Healthcare Epidemiology* 3rd ed. (2010) edited by Lautenbach, Woeltje, and Malani. It is available from the University of Chicago Press and the link is <http://www.press.uchicago.edu/presssite/metadata.epl?isbn=9780226471020>. Students can choose the e book which is \$60.00 CDN and is immediately downloadable, or the paper version which is \$185.00Cdn and takes 2-3 weeks to ship.

In addition, students should purchase *Mim's Medical Microbiology* (4th ed.) (2008) edited by Goering, Dockrell, Zuckerman, Wakelin, Roitt, Mims, and Chiodini. This book is available from Elsevier for \$85.95 CDN. The link to order a copy is: www.elsevier.ca/product.jsp?isbn=9780323044752

Course materials will be available in pdf format for to download and print for the course and for future use. You will require Adobe Reader 9 to open these documents. This may be downloaded for free on your computer via this link: get.adobe.com/reader/

Inquiries – Questions about the course should be directed to Karen Dobbin-Williams, CHICA-Canada Distance Education Coordinator at kdobbinw@mun.ca. Do not send the application to this email address.

Application -Students interested in this course should send a current resume citing work and educational background, 3 current references, and a cover letter indicating applicability of course to work environment. The application should be emailed to chicacanada@mts.net no later than **August 27, 2010**. Students who meet the criteria for acceptance will be notified of their acceptance by September 3, 2010. A waitlist will be maintained. Spaces are limited and competitive so apply soon!

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