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HLUC 1125: Lab Foundations 2

EFFECTIVE DATE

September 2021

DEPARTMENT

Health Unit Coordinator

DESCRIPTION

This course builds on the theory and practice from Semester 1 and continues the study of laboratory tests from the Microbiology, Pathology Departments. Students will learn the procedures to order blood transfusion products, related services and the common lab tests from the BC Cancer Agency and BC Center for Disease Control. Students will further develop information literacy skills in class by creating and using their own resources to complete tasks accurately and safely on electronic or paper health records. Students will continue to develop their knowledge of the role and responsibility of the health unit coordinator (HUC) in relation to the healthcare setting.

CREDITS

2.5

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

HLUC 1050 Practicum 1

COREQUISITES

None

COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

- Explain the primary responsibilities of the Microbiology, Pathology, Blood Transfusion Services, BC Cancer Agency and BC Center for Disease Control agencies its personnel.
- Define specimens analyzed by Microbiology, Pathology, Blood Transfusion Services, BC Cancer Agency and BC Center for Disease Control agencies.
- Identify and correctly spell abbreviations and vocabulary used in lab tests.
- Distinguish between the components, classification and duration categories of laboratory orders.
- Demonstrate the procedures to accurately process laboratory orders using patient health records.

- Differentiate between the various health records, including electronic and paper based systems used to process laboratory orders.
- Apply information literacy skills, such as problem solving and critical thinking, when processing laboratory orders.
- Examine when to communicate with health care team members and departments as required to safely process laboratory orders.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 30

Lab: 30

INSTRUCTIONAL STRATEGIES

Guided discussion, demonstrations, group activities, skill building exercises, simulation, case studies, and lab activities.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

B-=68%

EVALUATION PLAN

Type	Percentage	Assessment activity
Quizzes/Tests	35	Short answer quizzes/tests.
Exam	35	Case study exam.
Project	30	Create personal resources (as per rubric) to demonstrate information literacy skills.

COURSE TOPICS

- Laboratory department and personnel
 - Specimens
 - Microbiology
 - Pathology

Blood Transfusion Services
BC Cancer Agency
BC Center for Disease Control
Related medical terms and abbreviations

LEARNING RESOURCES

Gyls, B. A., & Masters R. (2019). Medical terminology simplified: A program learning approach by body system. F. A. Davis Company. (latest edition) Resources are items which the student is responsible for purchasing as identified by the department/instructor.

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

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