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# HLUC 1115: Lab Foundations 1

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## EFFECTIVE DATE

September 2021

## DEPARTMENT

Health Unit Coordinator

## DESCRIPTION

This course builds on the theory and practice from Semester 1 and provides students with the procedures to process hematology and chemistry orders. The responsibilities of the Laboratory Department, its personnel and the hospital staff are also discussed. Students will 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 the healthcare setting.

## CREDITS

2.5

## YEAR OF STUDY

1st Year Post-secondary

## PREREQUISITES

HLUC 1050 Practicum 1

## COREQUISITES

HLUC 1105 Order Processing Foundations

## COURSE LEARNING OUTCOMES

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

- Explain the primary responsibilities of the Laboratory Department and its personnel.
- Define specimens analyzed by Hematology and Chemistry Departments.
- Differentiate between hematology, chemistry, fasting and standing blood work orders.
- Identify and correctly spell abbreviations and vocabulary used in lab tests.
- Distinguish between the components, classification and duration categories of laboratory orders.
- Apply 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
  - Hematology
  - Chemistry
  - Related 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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### Downtown campus

250 West Pender Street  
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