

# CREDIT FOR PRIOR LEARNING EXAMINATION

## INF 120 – ELEMENTARY PROGRAMMING

### Exam Details

This examination is designed to determine whether students have mastered the basics of computer programming to a degree sufficient to receive credit for INF 120 “Elementary Programming”. Students should be familiar with:

- At least one contemporary computer programming language (such as Basic, C, C++, C#, Java, Javascript, PHP, or Python)
- Variables and types
- Assignment statements
- Conditional statements and expressions (if, if/else)
- Loops
- Arrays (or Lists)
- Methods (or Functions or Procedures)

Students should also have written programs independently, and understand the concept of an algorithm.

There will be two kinds of problems on the exam:

- (1) Code-tracing: Students will be provided with pseudocode asked to trace the execution and provide the corresponding output;
- (2) Code-writing: Students will be asked to write several lines of code to solve some particular programming problems.

The exam is language neutral, meaning that it should not matter which particular computer language the student is fluent in. The code-tracing problems will be written in a pseudocode that should be understandable by any programmer. Students can use any contemporary programming language that they like for the code-writing problems.

This is a closed-book, closed-notes test. Students may take up to 120 minutes to complete it.

Students who fail this examination will not be permitted to retake it.

### Course Description

INF 120 Elementary Programming  
(3 credits)

An elementary introduction to programming for those with no previous programming experience. Emphasis on understanding how to read and write basic procedural programs, and on understanding the concepts of algorithm and execution.

### Study Resources

*“Introduction to Java Programming”*  
10th edition or later, by Y. Daniel Liang, Pearson Education, Inc., Chapters 1-7 (i.e. through the chapters on loops, methods, and single-dimensional arrays)



Testing Services  
University Center 101  
(859) 572 - 6373  
[testing@nku.edu](mailto:testing@nku.edu)