

# **CSCI-101 Programming I**

## **Course Syllabus**

### **Spring 2024**

#### **Course Description**

This course introduces the fundamentals of programming in a general-purpose object-oriented programming language such as C++ or Java. Topics include data types, data representation, arithmetic and logical expressions, control structures, methods, single and two-dimensional arrays, and file I/O.

#### **Instructor**

Eric McGregor, Ph.D.  
Office: McKinney Center, Room 243

Email: [rmcgregor@bridgewater.edu](mailto:rmcgregor@bridgewater.edu)  
Phone: 540.828.5754

Office Hours: Posted outside my office, or by appointment..

#### **Lectures and Labs**

Lectures are held on M/W/F @ 12:00 p.m. – 12:50 p.m. in McKinney 100  
Labs sections are held on: Th @ 11:00 in McKinney 226

Lectures and labs are mandatory and you must attend the lab section that you are assigned.

#### **Course Materials**

A working laptop (Windows, MacOS, or Linux OS). Tablets will not suffice.

Required: Java: The Complete Reference, Twelfth Edition  
Schildt; ISBN-13: 978-1260463415

Optional: Introduction to Java Programming and Data Structures, Comprehensive Version (12<sup>th</sup> Edition)  
Daniel Liang; ISBN-13: 978-0136520238

**Course Website:** <http://n0code.net/work/teaching/courses/csci101/2024spring>

#### **Grading**

During this course you will be evaluated on weekly labs, weekly quizzes, 3 comprehensive exams given during lecture, and a comprehensive final exam given on Tuesday, April 30 @ 10:30.

The 3 exams given during the semester will be administered on:

Exam 1 - Monday, February 5  
Exam 2 - Friday, March 8  
Exam 3 - Wednesday, April 10

Except in the case of an emergency, exams must be taken on the dates listed above. Exceptions will not be made.

Final numeric grades are based on the following percentages:

	<b>Percentage of Final Grade</b>
Labs	7
Quizzes	8
Exam 1	10
Exam 2	20
Exam 3	25
Final Exam	30

Note: You must receive a C or greater in this course in order to proceed into CSCI-102 Programming II.

#### **Course and Classroom Policies**

Course and Classroom Policies for Spring 2024 can be found at <http://n0code.net/work/teaching/syllabi/>.

This syllabus may be adjusted throughout the course at the discretion of the instructor.