CS 115 Introduction to Computer Science in C++
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COURSE DESCRIPTION:
Fundamentals of computer science are introduced, with emphasis on programming methodology and problem solving. Topics include basic concepts of computer systems, software engineering, algorithm design, programming languages and data abstraction, with applications. The high-level language C++ is fully discussed and serves as the vehicle to illustrate many of the concepts.

Online Textbook: zyBooks
Instruction to subscribe:
1. Sign in or create an account at learn.zybooks.com
2. Enter code   NJITCS115WuSpring2024
3. Subscribe

Reference Book:
Problem Solving with C++, 10th Edition by Walter Savitch (Pearson 2018)
ISBN: 978-0-13-44828-2

Brief List of Topics to be Covered:
1. Introduction to C++
2. Variables / Assignments
3. Branches
4. Loops
5. Arrays / Vectors
6. User-Defined Functions
7. Objects and Classes

Grading:

Attendance	10%
Participation Activities	10%
Challenge Activities	20%
Lab Activities	25%
Final	35%
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TOTAL	100%

The final grade will be curved.

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