COP 3503
Programming Fundamentals for CIS Majors II
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ACM/IEEE-CS Computer Science Curricula (CS2013)

1. AL – Algorithms and Complexity
2. AR – Architecture and Organization
3. CN – Computational Science
4. DS – Discrete Structures
5. GV – Graphics and Visualization
6. HCI – Human-Computer Interaction
7. IAS – Information Assurance and Security
(8) IM – Information Management
(9) IS – Intelligent Systems
(10) NC – Networking and Communications
(11) OS – Operating Systems
(12) PBD – Platform-based Development
(13) PD – Parallel and Distributed Computing
(14) PL – Programming Languages
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(15) SDF – Software Development Fundamentals
(16) SE – Software Engineering
(17) SF – System Fundamentals
(18) SP – Social Issues and Professional Practice
About the Course

This course serves as an introduction to the “fundamentals” of computer science based on C++ (and the underlying C)

We will examine the programming paradigm known as “object-oriented programming.”

data structures, algorithms, systems and applications