

## List of All Courses

**Yash Kapoor**

Bachelor of Engineering in Software Engineering (Co-op)

**Carleton University, Ottawa, Ontario, Canada**

Grade Point Average: 3.59/4.0 (A-)

Graduation Date: 2024

Course Number	Course Name
<b>Year One:</b>	
PHYS1004	Introductory Electromagnetism & Wave Motion
CHEM1101	Chemistry for Engineering Students
MATH1004	Calculus for Engineering Students
MATH1104	Linear Algebra for Engineering Students
ECOR1051	Fundamentals of Engineering I (Computer Programming)
ECOR1052	Fundamentals of Engineering II (Circuits)
ECOR1053	Fundamentals of Engineering III (Statics)
ECOR1054	Fundamentals of Engineering IV (Dynamics)
ECOR1055	Engineering Core: Eng. Disciplines I
ECOR1056	Engineering Core: Eng. Disciplines II
BIOL1010	Biotechnology & Society
SOCI1001	Introduction to Sociology
<b>Year Two:</b>	
MATH1005	Differential Equations and Infinite Series for Engineering
SYSC2006	Foundation of Imperative programming
SYSC2310	Introduction to Digital Systems
ELEC2501	Circuits & Signals
COMP1805	Discrete Structures I
COOP1000	Cooperative education
SYSC2320	Introduction of Computer Organization and Architecture
SYSC2004	Object-Oriented Software Development
CCDP2100	Communication skills for Bachelor of Engineering
SYSC2100	Algorithms & Data Structure
SYSC3310	Introduction to Real-time Systems
COMP2804	Discrete Structures II
<b>Year Three:</b>	
BIOL1902	Natural History
ECOR2050	Design and Analysis of Engineering Experiments
SYSC3110	Software Development Project
SYSC3120	Software Requirements Engineering
SYSC4001	Operating Systems
COMP3005	Database Management Systems

SYSC3101	Programming Languages
SYSC3303	Real-Time Concurrent Systems
CCDP2100	The Software Economy and Project Management
<b>Year Four:</b>	
BIOL1902	Natural History
ECOR2995	Engineering Portfolio
ECOR4995	Professional Practice
MUSI2007	Popular Music after 1945
SYSC4101	Software Validation
SYSC4806	Software Engineering Lab
COMP3803	Introduction to Theory of Computation
SYSC3303	Introduction to Network and Software Security
SYSC4102	Performance Engineering
SYSC4120	Software Architecture and Design
SYSC4504	Fundamentals of Web Development
SYSC4906	Advanced C++ Programming
SYSC4907	Engineering Project