### Computer Engineering: Electronic Devices for Ubiquitous Computing and Business (Option C)
**September 2021** *(for students who entered first year in September 2020)*

#### Year 2

**Term A**
- NMM 2270A  Applied Mathematics for Engineering II
- CS 1037A  Computer Science Fundamentals II
- ECE 2205A  Electric Circuits I
- ECE 2240A  Electrical Laboratory I
- ECE 2277A  Digital Logic Systems
- BUS 2257  Accounting and Business Analysis

**Term B**
- ECE 2231B  Introduction to Electronics
- ECE 2242B  Principles of Design in Electrical Engineering
- ECE 3375B  Microprocessors and Microcomputers
- ECE 3380B  Advanced Digital Systems
- BUS 2257  Accounting and Business Analysis

#### Year 4: HBA 1

#### Year 4

**Term A**
- SE 2205A  Algorithms & Data Structure for Object-Oriented Design
- ECE 3330A  Control Systems
- ECE 3349A  Introduction of VLSI
- ECE 3389A  Computer System Design
- Math 2151A  Discrete Structures for Engineering
- SE 2203A  Software Design
- BUS 4569  Ivey Field Project

**Term B**
- CS 2211B  Software Tools and Systems Programming
- ECE 2236B  Magnetic Circuits and Transmission Lines
- ECE 3331B  Introduction to Signal Processing
- ECE 3390B  Hardware/Software Co-Design
- SS 2143B  Applied Statistics and Data Analysis for Engineers

#### Year 5

**Term A**
- ECE 4415  Computer Engineering Design Project
- ECE 4436A  Networking: Principles, Protocols & Architecture
- ECE 4437A  Communications Theory
- SE 3313A  Operating Systems for Software Engineering

**1.5 HBA required courses**
- International Perspective Requirement: Business 4505A/B.
- Corporations and Society Requirement: 0.5-credit from Business Administration – Corporations and Society offered during the academic year to satisfy this requirement.
- Managerial Accounting Requirement: Business 4624A/B

**Term B**
- ECE 4415  Computer Engineering Design Project
- ECE 4460B  Real-Time and Embedded Systems
- ELI 4110G  Engineering Ethics, Sustainable Development & the Law

Three 0.5-credit Business electives from the 4000-level Business courses

---

*The official version of the academic calendar can be found at: [www.westerncalendar.uwo.ca](http://www.westerncalendar.uwo.ca)*