

Computer Engineering: Electronic Devices for Ubiquitous Computing and Business (Option C)

September 2020 (for students who entered first year in September 2019)

<p>Year 2</p> <p>Term A</p> <p>AM 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</p> <p>Term B</p> <p>AM 2276B Applied Mathematics for Elec. & Mech. Engineering III 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</p> <p>Year 3: HBA 1</p> <p>Year 4</p> <p>Term A</p> <p>CS 2210A Data Structures and Algorithms 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</p> <p>Term B</p> <p>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</p> <p>Year 5</p> <p>Term A</p> <p>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**</p> <p>Term B</p> <p>ECE 4415 Computer Engineering Design Project ECE 4460B Real-Time and Embedded Systems ES 4498G Engineering Ethics, Sustainable Development & the Law Three 0.5-credit Business electives from the 4000-level Business courses</p>	<p>NOTES:</p> <p>**1.5 HBA required courses:</p> <ul style="list-style-type: none"> • 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
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