

**Computer Engineering – Software Systems for Ubiquitous Computing and Business (OPD)
September 2018**

<p>Year 2:</p> <p>Term A</p> <p>AM 2270a Applied Mathematical Methods CS 1037a Computer Science Fundamentals II ECE 2205a Electric Circuits 1 ECE 2277a Digital Logic Systems Math 2151a Discrete Structures for Engineering SE 2203a Software Design BUS 2257 Accounting & Business Analysis</p> <p>Term B</p> <p>AM 2276b Applied Mathematical Methods ECE 3375b Microprocessors and Microcomputers ECE 3380b Advanced Digital Systems MSE 2233b Circuits and Systems SE 2205b Algorithms and Data Structures for Object-Oriented Des. BUS 2257 Accounting & Business Analysis</p> <p>Year 3: HBA 1</p> <p>Year 4:</p> <p>Term A</p> <p>ECE 3389a Computer System Design ECE 4436a Networking: Principles, Protocols, and Architecture SE 3313a Operating Systems for Software Engineering SE 3316a Web Technologies SE 3352a Software Requirements and Analysis BUS 4469 Ivey Field Project</p> <p>Term B</p> <p>ECE 3331b Introduction to Signal Processing ECE 3390b Hardware/Software Co-Design ECE 4460b Real-Time and Embedded Systems SE 3314b Design and Implementation of Computer Networks SE 3353b Human-Computer Interface Design SS 2143b Applied Statistics and Data Analysis for Engineers BUS 4469 Ivey Field Project</p> <p>Year 5:</p> <p>Term A</p> <p>ECE 4415 Computer Engineering Design Project ECE 3330a Control Systems ECE 4437a Communications Theory SE 4452a Software Verification and Validation BUS 4505a Global Macroeconomics for Managers BUS 4521a or 4522a or 4523a</p> <p>Term B</p> <p>ECE 4415 Computer Engineering Design Project ES 4498G Engineering Ethics, Sustainable Development and the Law SE 4455b Software Quality, Reliability and Maintenance 2.0 elective courses chosen from 4000 level Business courses</p>	<p>NOTES:</p>
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