Western Engineering

Mechatronic Systems Engineering and Business (Option B)
September 2018 (students who entered first year *prior* to September 2016)

	NOTES:
Year 2: **Term A** AM 2270A — Applied Mathematics for Engineering II ECE 2205A — Electric Circuits I MME 2200Q — Engineering Shop Safety Training MME 2202A — Mechanics of Materials MME 2204A — Thermodynamics MSE 2201A — Introduction to Electrical Instrumentation CS 1037A — Computer Science Fundamentals II Bus 2257 — Accounting & Business Analysis **Term B** AM 2276B — Applied Mathematics for Elec & Mech Eng III MME 2213B — Engineering Dynamics MSE 2202B — Introduction to Mechatronic Design MSE 2233B — Circuits and Systems SS 2143B — Applied Statistics and Data Analysis for Engineers Bus 2257 — Accounting & Business Analysis **Year 3: HBA 1** **Year 4:** **Term A** AM 3415A — Applied Math for Electrical Engineering ECE 2277A — Digital Logic Systems ECE 3330A — Control Systems MSE 3301A — Materials Selection and Manufacturing Processes MSE 3310A — Electric Motors and Drives MSE 3381A — Kinematics and Dynamics of Machines Bus 4569 — Ivey Field Project **Term B** ECE 3331B — Signal Processing ECE 3375B — Microprocessors and Microcomputers MSE 3302B — Sensors and Actuators MSE 3360B — Finite Element Methods for Mechatronic Systems Engineering MSE 3380B — Machine Component Design for Mechatronic Systems Bus 4569 — Ivey Field Project **Year 5:** **Term A** MSE 4401A — Robotic Manipulators MSE 4499 — Mechatronic Design Project Bus 4505A — Global Macroeconomics for Managers One 0.5 technical elective Bus 4521A/B or 4522A/B or 4532A/B **Term B** MSE 4499 — Mechatronic Design Project ES 4498G — Engineering Ethics, Sustainable Development and the Law One 0.5 technical elective 2.0 Business electives chosen from 4000 level Business courses.	 **Technical Elective List:** Some technical electives may not be offered in a given academic year. Consult the department for accurate listing. <table><tr><td>ECE 4457A/B</td><td>Power Electronics</td></tr><tr><td>ECE 4460A/B</td><td>Real-Time and Embedded Systems</td></tr><tr><td>ECE 4469A/B</td><td>Applied Control Systems</td></tr></table>

The official version of the academic calendar can be found at: www.westerncalendar.uwo.ca