

Mechatronic Systems Engineering

September 2026 (for students who entered first year in September 2025 or later)

<p>Year 2</p> <p>Term A</p> <p>NMM 2270A Applied Mathematics for Engineering II MSE 2200Q Engineering Shop Safety Training MSE 2201A Introduction to Electrical Instrumentation ECE 2205A Electric Circuits MME 2202A Mechanics of Materials MME 2204A Thermodynamics I CS 1037A Computer Science Fundamentals II</p> <p>Term B</p> <p>NMM 2276B Applied Mathematics for Elec. & Mech. Engineering III MSE 2202B Introduction to Mechatronic Design MSE 2221B Computational Methods in Mechatronic Systems Engineering MSE 2233B Circuits and Systems MME 2213B Engineering Dynamics MME 2273B Introduction to Fluid Mechanics and Heat transfer</p> <p>Year 3</p> <p>Term A</p> <p>MSE 3301A Materials Selection and Manufacturing Processes MSE 3310A Electric Motors and Drives ECE 2277A Digital Logic Systems ECE 3330A Control Systems MME 3381A Kinematics & Dynamics of Machines</p> <p>Term B</p> <p>MSE 3302B Sensors and Actuators ECE 3331B Signals and Systems ECE 3375B Microprocessors and Microcomputers MME 3360B Finite Element Methods in Mechanical Engineering MME 3380B Mechanical Components Design Writ 2130G Building Better (Communication) Bridges: Rhetoric & Professional Communication for Engineers One 0.5-credit non-technical elective taken from the approved list</p> <p>Year 4</p> <p>Term A</p> <p>MSE 4401A Robotic Manipulators MSE 4499 Mechatronic Design Project SS 2141A Applied Probability and Statistics for Engineers ELI 4110F Engineering Ethics, Sustainable Development & the Law</p> <p>Term B</p> <p>MSE 4499 Mechatronic Design Project ECE 4460B or ECE 4469B Real-Time and Embedded Systems or Applied Control Systems Two 0.5-credit non-technical electives taken from the approved list</p>	<p>NOTES:</p> <p>Important:</p> <p>Students are responsible for ensuring they have the correct courses required for their degree. If you are unsure which courses you still need or if you see courses listed on the progression sheet that are no longer offered or are not offered in the term you see listed here, please contact your Academic Counsellor.</p> <p>Students in Year 4 are encouraged to take additional technical electives for which they have the prerequisites. To be eligible to be named to the Dean's Honour List, students in Engineering must complete a minimum of 5.0 courses in the academic year (i.e., September–April).</p> <p>*Non-technical Electives:</p> <p>https://www.eng.uwo.ca/undergraduate/upper-year/electives.html</p>
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