

Mechatronics Engineering and Business (Option B)

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 BUS 2257 Accounting & Business Analysis</p> <p>Term B</p> <p>NMM 2276B Applied Math for Electrical & Mechanical Eng. III MSE 2202B Introduction to Mechatronic Design MSE 2233B Circuits and Systems MME 2213B Engineering Dynamics MME 2273B Introduction to Fluid Mechanics and Heat transfer BUS 2257 Accounting & Business Analysis</p> <p>Year 3: HBA 1</p> <p>Year 4</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 BUS 4569 Ivey Field Project</p> <p>Term B</p> <p>MSE 2221b Computational Methods in Mechatronic Systems Engineering 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</p> <p>Year 5</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>1.5 HBA required courses*</p> <p>Term B</p> <p>MSE 4499 Mechatronic Design Project ECE 4460B or Real-Time and Embedded Systems or ECE 4469B Applied Control Systems Three 0.5 Business courses at the 4000 level</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
---	--